Series C

TEXTRON POWER TRANSMISSION

CONTENTS

GENERAL DESCRIPTION

9506

Series C

Series C right angle helical worm geared motors and reducers provide a highly efficient and compact solution to meet most requirements up to 45 kW with maximum output torque capacity of 10,000 Nm.

Following a long line of Textron Power Transmission products, this product adds to the growing family of new drives which has taken advantage of our many years of accumulated design expertise, together with the use of high quality materials and components. The end result is a series of speed reducing and geared motors offering high load carrying capacity, increased efficiency, quiet running and reliability.

The Range Includes

Eight sizes of units with a ratio coverage of 8:1 to 250:1 in double reduction and 900:1 in triple reduction and 60000:1 in combined units.

Version W - Standard unit
Version B - Standard unit with base mounted feet
Version E - Standard unit with end mounted feet
Version V - Standard unit with Drywell and output flange for mounting positions K, M and N sizes C07, C08, C09 and C10 only
Version F - Standard unit with output flange
Version G - Standard unit with output flange reduced dia size C03 only
Version T - Standard unit with Banjo torque arm
Version U - Standard unit Banjo torque arm Heavy Duty C10 only
Version R - Standard unit with top mounted feet
Version A - Agitator
Version C - Cooling tower
Version L - Output C face mounting size C07-C10 only

Unit type M - Motorised
Unit type G - Unit to allow fitting of a non std (IEC) motor
Unit type A - Unit to allow fitting of Nema motor
Unit type R - Reducer
Unit type S - Reducer fitted with a fan
Unit type X - Reducer fitted with a backstop
Unit type Y - Reducer fittted with a fan & backstop

Design Features Include

Patented standard motor connection (IEC or NEMA).

Ability to fit double oil seals input and output as required.

All units are dimensionally interchangeable with other major manufacturers.

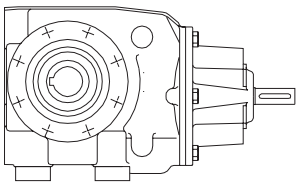
Brake geared motors are available as standard.

Sizes 03, 04, 05 and 06 are lubricated for life.

Motorised units can be fitted with a backstop module and reducer units can be fitted with a backstop and fan.

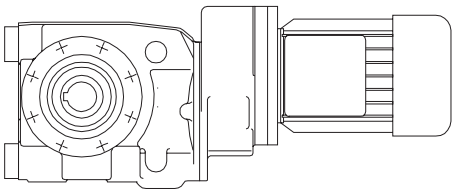
Units are manufactured and assembled from a family of modular kits for distributor friendliness minimising inventory and maximising availability.

As improvements in design are being made continually this specification is not to be regarded as binding in detail and drawings and capacities are subject to alteration without notice. Certified drawings will be sent on request.



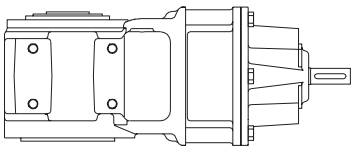
Two stage reduction unit with base mounted feet and hollow output shaft

* C 0 4 2 0 1 8 . B R H - A - - - - - - -



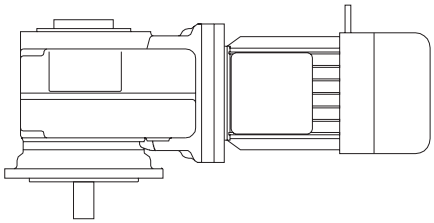
Three stage motorised unit with end mounted feet and hollow output shaft

* C 0 4 3 0 1 4 4 E M H - A A . 1 8 4 A -



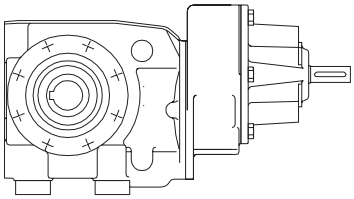
Three stage reduction unit with hollow output shaft

* C 0 5 3 0 1 8 0 W R H - G - - - - - - -



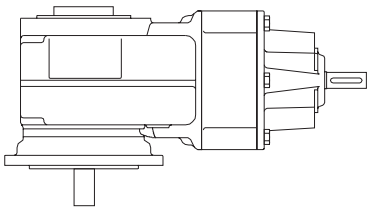
Two stage motorised unit with output flange and single extention output shaft

* C 0 5 2 0 1 0 0 F M C - K A 1 . 1 4 C -



Three stage reduction unit with base mounted feet and hollow output shaft

* C 0 4 3 0 1 6 2 B R H - A - - - - - - -



Three stage reduction unit with output flange and single extension output shaft

* C 0 5 3 0 1 8 0 F R C - K - - - - - - -

* Typical unit designations

UNIT DESIGNATIONS

0003

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*																				
EXAMPLE	C	0	3	2	0	5	0	.	B	M	C	-	T	D	.	1	8	4	A	-

1 - SERIES C

RANGE [C]

2,3 - SIZE OF UNIT

[0 3] THROUGH [1 0]

4 - NO OF REDUCTIONS

[2] THROUGH [5]

5 - REVISION VERSION

[0] ETC

6,7,8 - NOMINAL OVERALL RATIO

eg [8 . 0] SEE PAGES 7 - 8

[5 0 .]

9 - UNIT VERSION

- [W] - STANDARD UNIT (C03 - C06 ONLY)
- [B] - STANDARD UNIT WITH BASE MOUNTED FEET
- [E] - STANDARD UNIT WITH END MOUNTED FEET
- [V] - STANDARD UNIT WITH DRYWELL AND OUTPUT FLANGE FOR MTG POS K,M & N SIZES C07, C08, C09 & C10 ONLY
- [F] - STD UNIT WITH OUTPUT FLANGE
- [G] - STANDARD UNIT WITH OUTPUT FLANGE REDUCED DIA. (SIZE C03 ONLY)
- [T] - STANDARD UNIT WITH BANJO TORQUE ARM
- [U] - STD UNIT BANJO TORQUE ARM HEAVY DUTY C10 ONLY
- [R] - STANDARD UNIT WITH TOP MOUNTED FEET
- [A] - AGITATOR
- [C] - COOLING TOWER
- [L] - OUTPUT C FACE MOUNTING (SIZE C07-C10 ONLY)

10 - TYPE OF UNIT

- [M] - MOTORISED
- [G] - UNIT TO ALLOW FITTING OF NON STANDARD MOTOR (IEC)
- [A] - UNIT TO ALLOW FITTING OF NEMA MOTOR
- [R] - REDUCER UNIT
- [S] - REDUCER UNIT FITTED WITH A FAN KIT (AVAILABLE ON SIZES C07, C08, C09 AND C10 ONLY)
- [X] - REDUCER UNIT FITTED WITH A BACKSTOP (AVAILABLE ON SIZES C07, C08, C09 AND C10 ONLY)
- [Y] - REDUCER UNIT WITH A BACKSTOP & FAN KIT (AVAILABLE ON SIZES C07, C08, C09 AND C10 ONLY)

11 - OUTPUT SHAFT

- [C] - STANDARD SINGLE EXTENSION
- [D] - STANDARD DOUBLE EXTENSION
- [H] - STANDARD UNIT (WITHOUT OUTPUT SHAFT)
- [Z] - UNIT (WITHOUT OUTPUT SHAFT) REDUCED BORE DIA.
- [M] - EXTENDED OUTPUTSHAFT FOR USE WITH OUTPUT FLANGE FOR MOUNTING POSITIONS C,F,J,N,T & Y ONLY
- [J] - HEAVY DUTY SINGLE EXTENSION (SIZE C06)
- [K] - HEAVY DUTY DOUBLE EXTENSION (SIZE C06)
- [N] - INCH SINGLE EXTENSION
- [P] - INCH DOUBLE EXTENSION
- [A] - INCH UNIT (WITHOUT OUTPUT SHAFT)
- [S] - INCH EXTENDED OUTPUTSHAFT FOR USE WITH OUTPUT FLANGE FOR MOUNTING POSITIONS C,F,J,N,T & Y ONLY
- [X] - INCH HEAVY DUTY SINGLE EXTENSION (SIZE C06)

FOR AGITATOR OR COOLING TOWER ENTER [-]

SEE PAGE 13

- [T] - UNIT FOR TAPER RELEASE BUSHING (SEE PAGE 132)

12 - MOTOR ADAPTOR FOR G OR A TYPE UNIT

SEE PAGE 15

FOR ALL OTHER TYPES ENTER [-]

13,14 - MOUNTING POSITION & TERMINAL BOX POSITION

eg [T D] SEE PAGES 11,12 & 20

15,16,17 - GEARED MOTOR

MOTOR POWER REQUIRED

eg [. 7 5] SEE PAGES 23 - 72

[. 1 8]

FOR R OR G TYPE ENTER [- - -]

18 - NO OF MOTOR POLES

[2] [4] [6] OR [8] SEE PAGES 23 - 72

FOR R OR G TYPE ENTER [-]

19 - MOTOR REQUIRED

eg [-] [A] SEE PAGE 21

FOR R OR G TYPES WITHOUT MOTOR ENTER [-]

20 - ADDITIONAL FEATURES

PAINT, DOUBLE OIL SEAL, MOTORISED BACKSTOP ETC

eg [-] [F] SEE PAGE 16

* THIS PAGE MAY BE PHOTOCOPIED ALLOWING THE CUSTOMER TO ENTER THEIR ORDER

EXPLANATION & USE OF RATINGS & SERVICE FACTORS

Gear unit selection is made by comparing actual loads with catalogue ratings. Catalogue ratings are based on a standard set of loading conditions, whereas actual load conditions vary according to type of application. Service Factors are therefore used to calculate an equivalent load to compare with catalogue ratings.
i.e. Equivalent Load = Actual Load x Service Factor

Mechanical ratings and service factor Fm

Mechanical ratings measure capacity in terms of life and/or strength, assuming 10 hr/day continuous running under uniform load conditions.

Catalogue ratings allow 100% overload at starting, braking or momentarily during operation up to 10 hours per day.

The unit selected must therefore have a catalogue rating at least equal to half maximum overload.

Mechanical Service Factor Fm (Table 1) is used to modify the actual load according to daily operating time, and type of loading.

Load characteristics for a wide range of applications are detailed in Table 3 opposite, which are used in deciding the appropriate Service Factor Fm from Table 1.

If overloads can be calculated, or accurately assessed, actual loads should be used instead of Fm.

For units subjected to frequent stop/starts overloads in excess of 10 times/day multiply factor Fm x Factor Fs (table 2).

Table 1. Mechanical Service Factor (Fm)

Prime mover	Duration of service- hrs per day	Load classification-driven machine		
		Uniform mass acceleration factor ≤ 0.2	Moderate mass acceleration factor ≤ 3	Heavy mass acceleration factor ≤ 10
Electric motor, steam turbine or hydraulic motor	Under 3	0.80	1.00	1.50
	3 to 10	1.00	1.25	1.75
	Over 10	1.25	1.50	2.00
Multi-cylinder internal combustion engine	Under 3	1.00	1.25	1.75
	3 to 10	1.25	1.50	2.00
	Over 10	1.50	1.75	2.25
Single cylinder internal combustion engine	Under 3	1.25	1.50	2.00
	3 to 10	1.50	1.75	2.25
	Over 10	1.75	2.00	2.50

$$\text{Mass acceleration factor} = \frac{\text{all external moments of inertia *}}{\text{moment of inertia of driving motor}}$$

* calculated with reference to the motor speed

Table 2. Number of Starts Factor (Fs)

Start / Stops per hour (1)	Up to 1	5	10	40	60	≥ 200
Factor Fs	1.00	1.03	1.06	1.10	1.15	1.20

Note: (1) Intermediate values are obtained by linear interpolation

LOAD CLASSIFICATION BY APPLICATIONS

0002

Table 3

U = Uniform load

M = Moderate shock load

H = Heavy shock load

† = Refer to Textron Power Transmission

Driven Machine	type of load
Agitators	
pure liquids	U
liquids and solids	M
liquids-variable density	M
Blowers	
centrifugal	U
lobe	M
vane	U
Brewing and distilling	
bottling machinery	M
brew kettles-continuous duty	M
cookers-continuous duty	M
mash tubs-continuous duty	M
scale hopper-frequent starts	M
Can filling machines	M
Cane knifes	M
Car dumpers	H
Car pullers	M
Clarifiers	U
Classifiers	M
Clay working machinery	
brick press	H
briquette machine	H
clay working machinery	M
pug mill	M
Compressors	
centrifugal	U
lobe	M
reciprocating	
multi-cylinder	M
single cylinder	H
Conveyors-uniformly loaded or fed	
apron	U
assembly	U
belt	U
bucket	U
chain	U
flight	U
oven	U
screw	U
Conveyors-heavy duty not uniformly fed	
apron	M
assembly	M
belt	M
bucket	M
chain	M
flight	M
live roll	†
oven	M
reciprocating	H
screw	M
shaker	H

Driven Machine	type of load
Cranes	
main hoists	U
bridge travel	†
trolley travel	†
Crusher	
ore	H
stone	H
sugar	H
Dredges	
cable reels	M
conveyors	M
cutter head drives	H
jig drives	H
manoeuvring winches	M
pumps	M
screen drive	H
stackers	M
utility winches	M
Dry dock cranes	
main hoist	†
auxiliary hoist	†
boom, luffing	†
rotating, swing or slew	†
tracking, drive wheels	†
Elevators	
bucket-uniform load	U
bucket-heavy load	M
bucket-continuous	U
centrifugal discharge	U
escalators	U
freight	M
gravity discharge	U
man lifts	†
passenger	†
Fans	
centrifugal	U
cooling towers	
induced draft	†
forced draft	†
induced draft	M
large, mine, etc	M
large, industrial	M
light, small diameter	U
Feeders	
apron	M
belt	M
disc	U
reciprocating	H
screw	M
Food industry	
beef slicer	M
cereal cooker	U
dough mixer	M
meat grinders	M
Generators-not welding	U
Hammer mills	H
Hoists	
heavy duty	H
medium duty	M
skip hoist	M
Laundry washers	
reversing	M
Laundry tumblers	M
Line shafts	
driving processing equipment	M
light	U
other line shafts	U
Lumber industry	
barkers-hydraulic-mechanical	M
burner conveyor	M
chain saw and drag saw	H
chain transfer	H
craneway transfer	H
de-barking drum	H
edger feed	M
gang feed	M
green chain	M
live rolls	H
log deck	H

Driven Machine	type of load
log haul-incline	H
log haul-well type	H
log turning device	H
main log conveyor	H
off bearing rolls	M
planer feed chains	M
planer floor chains	M
planer tilting hoist	M
re-saw merry-go-round conveyor	M
roll cases	H
slab conveyor	H
small waste conveyor-belt	U
small waste conveyor-chain	M
sorting table	M
tipple hoist conveyor	M
tipple hoist drive	M
transfer conveyors	M
transfer rolls	M
tray drive	M
trimmer feed	M
waste conveyor	M
Machine tools	
bending roll	M
punch press-gear driven	H
notching press- belt driven	†
plate planers	H
tapping machine	H
other machine tools	
main drives	M
auxiliary drives	U
Metal mills	
draw bench carriage and main drive	M
pinch, dryer and scrubber rolls-reversing	†
slitters	M
table conveyors	
non-reversing	
group drives	M
individual drives	H
reversing	
wire drawing and flattening machine	M
wire winding machine	M
Mill-rotary type	
ball	H
cement kilns	H
dryers and coolers	H
kilns, other than cement	H
pebble	H
rod	
plain	H
wedge bar	H
tumbling barrels	H
Mixers	
concrete mixers -continuous	M
concrete mixers -intermittent	M
constant density	U
variable density	M
Oil industry	
chillers	M
oil well pumping	†
paraffin filter press	M
rotary kilns	M
Paper mills	
agitators, (mixers)	M
barker-auxiliaries-hydraulic	M
barker-mechanical	H
barking drum	H
beater and pulper	M
bleacher	U
calenders	M
calenders-super	H
converting machine, except cutters, platers	M
conveyors	U
couch	M
cutters-plates	H
cylinders	M
dryers	M
felt stretcher	M
felt whipper	H
jordans	M

Driven Machine	type of load
log haul	H
presses	M
pulp machine reel	M
stock chest	M
suction roll	M
washers and thickeners	M
winders	M
Printing presses	†
Pullers	
barge haul	H
Pumps	
centrifugal	U
proportioning	M
reciprocating	
single acting; 3 or more cylinders	M
double acting; 2 or more cylinders	M
single acting; 1 or 2 cylinders	†
double acting; single cylinder	†
rotary	
gear type	U
lobe, vane	U
Rubber and plastics industries	
crackers	H
laboratory equipment	M
mixed mills	H
refiners	M
rubber calenders	M
rubber mill-2 on line	M
rubber mill-3 on line	M
sheeter	M
tire building machines	†
tire and tube press openers	†
tubers and strainers	M
warming mills	M
Sand muller	M
Sewage disposal equipment	
bar screens	U
chemical feeders	U
collectors	U
dewatering screws	M
scum breakers	M
slow or rapid mixers	M
thickeners	M
vacuum filters	M
Screens	
air washing	U
rotary-stone or gravel	M
travelling water intake	U
Slab pushers	M
Steering gear	†
Stokers	U
Sugar industry	
cane knives	M
crushers	M
mills	M
Textile industry	
batchers	M
calenders	M
cards	M
dry cans	M
dryers	M
dyeing machinery	M
knitting machines	†
looms	M
mangles	M
nappers	M
pads	M
range drives	†
slashers	M
soapers	M
spinners	M
tenter frames	M
washers	M
winders	M
Windlass	†

SELECTION PROCEDURE FOR MOTORISED UNITS

EXAMPLE APPLICATION DETAILS

Absorbed power of driven machine = 0.7 kW
Output speed of gearbox or Input speed of machine = 63 rev/min
Application = Uniformly loaded belt conveyor
Duration of service (hours per day) = 24hrs
Mounting position = 1
Ambient temperature = 20°C
Running time (%) = 100%

1 DETERMINE MECHANICAL SERVICE FACTOR (Fm)

Refer to Load Classification by Application, table 3, page 4

Application = Uniformly loaded belt conveyor

Conveyors-uniformly loaded or fed	
apron	U
assembly	U
belt	U
bucket	U
chain	U

U = Uniform load

Refer to mechanical service factor (Fm), table 1, page 3

Duration of service (hours per day) = 24hrs

Prime mover	Duration of service- hrs per day	Load classification-drive	
		Uniform	Moderate
Electric motor, steam turbine or hydraulic motor	Under 3	0.80	1.00
	3 to 10	1.00	1.25
	Over 10	1.25	1.50

Therefore mechanical service factor (Fm) = 1.25

If the unit is subject to frequent start/stops Fm must be multiplied by factor Fs (see table 2 page 3)

2 DETERMINE REQUIRED OUTPUT TORQUE AT GEARBOX OUTPUTSHAFT

$$\text{Absorbed output torque} = \frac{\text{Absorbed power} \times 9550}{\text{Gearbox output speed}}$$

$$\frac{0.7 \times 9550}{63} = 106 \text{ Nm}$$

3 SELECT GEARED MOTOR

Refer to selection table one motor size larger than absorbed power.
Absorbed power = 0.7 kW, therefore refer to 0.75 kW selection table, page 43

Always select from 4 POLE selection table in the first instance as this offers a more economical solution.

Required output speed of gearbox = 63 rev/min

0.75 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
161	8.59	37	3.62	5287	C 0 4 2 0 8 . 0 _ M _ - _ _ . 7 5 4 A _	24.5	80b	6 1 1 0 1 - 1 0 6 - _ _ _	38
119	11.61	50	2.94	5283	1 1 .				
105	13.20	57	2.69	5283	1 2 .				
93	14.95	64	2.47	5280	1 4 .				
85	16.36	63	2.27	5280	1 6 .				
72	19.13	81	2.06	5280	1 8 .				
67	20.61	87	1.96	5280	2 0 .				
63	22.11	84	1.85	5280	2 2 .				
55	25.14	95	1.69	5276	2 5 .				
49	28.48	106	1.57	5276	2 8 .				
41	33.71	139	1.38	5267	3 2 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
38	36.43	134	1.31	5270	3 6 .			6 1 1 0 1 - 1 0 6 - _ _ _	38

Go to point 4

4 CHECK OUTPUT TORQUE

Output torque (M2) of selected unit must be equal or more than required output torque at gearbox outputshaft.

Required output torque at gearbox outputshaft = 106 Nm.

0.75 kW	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	67	20.61	87	1.96	5280	C 0 4 2 0 2 0 . _ M _ - _ _ . 7 5 4 A _	24.5	80b	6 1 1 0 1 - 1 0 6 - _ _ _	38
	63	22.11	84	1.85	5280	2 2 .				
	55	25.14	95	1.69	5276	2 5 .				

However the output torque is only 84 against the requirement of 106 Nm, hence the same unit fitted with a 1.1 kW motor is required (page 47).

1.1 kW	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	67	20.61	128	1.33	5275	C 0 4 2 0 2 0 . _ M _ - _ _ 1 . 1 4 A _	27.8	90S	6 1 1 0 1 - 1 0 6 - _ _ _	38
	62	22.11	124	1.25	5275	2 2 .				
	55	25.14	139	1.15	5268	2 5 .				

Selected unit's output torque (M2) = 124 Nm, therefore unit is acceptable

5 CHECK SERVICE FACTOR

Service factor (Fm) of selected unit must be equal or more than required service factor.

Required service factor of gearbox = 1.25

1.1 kW	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	161	8.59	55	2.46	5286	C 0 4 2 0 8 . 0 _ M _ - _ _ 1 . 1 4 A _	27.8	90S	6 1 1 0 1 - 1 0 6 - _ _ _	38
	119	11.61	74	2.00	5279	1 1 .				
	105	13.20	84	1.83	5280	1 2 .				
	92	14.95	94	1.68	5275	1 4 .				
	84	16.36	93	1.54	5275	1 6 .				
	72	19.13	119	1.40	5275	1 8 .				
	67	20.61	128	1.33	5275	2 0 .				
	62	22.11	124	1.25	5275	2 2 .				
	55	25.14	139	1.15	5268	2 5 .				

Selected unit's service factor (Fm) = 1.25, therefore unit is acceptable.

6 CHECK OVERHUNG LOADS

If sprocket, gear, etc is mounted on the outputshaft then refer to Overhung Loads Procedure, page 95, and compare with allowable overhung load (N) of selected unit

Allowable overhung load (N) must be equal or more than calculated overhung load (P)

1.1 kW	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	161	8.59	55	2.46	5286	C 0 4 2 0 8 . 0 _ M _ - _ _ 1 . 1 4 A _	27.8	90S	6 1 1 0 1 - 1 0 6 - _ _ _	38
	119	11.61	74	2.00	5279	1 1 .				
	105	13.20	84	1.83	5280	1 2 .				
	92	14.95	94	1.68	5275	1 4 .				
	84	16.36	93	1.54	5275	1 6 .				
	72	19.13	119	1.40	5275	1 8 .				
	67	20.61	128	1.33	5275	2 0 .				
	62	22.11	124	1.25	5275	2 2 .				
	55	25.14	139	1.15	5268	2 5 .				
	48	28.48	156	1.06	5268	2 8 .				

NOTE: If any of the following conditions occur then consult Textron Power Transmission Application Engineers:-

a) Mass acceleration factor > 10
b) Ambient temperature is above 40°C

EXACT RATIOS - DOUBLE REDUCTION

NOMINAL RATIO COLUMN ENTRY 6 7 8	C0320	C0420	C0520	C0620		C0720	C0820	C0920	C1020	Final Reduction Worm Ratio
				Standard	Heavy Duty					
8 . 0	8.591	8.591	8.312	8.232	8.232	7.901	7.770	7.973	7.951	10 : 1
1 1 .	11.61	11.61	11.66	11.57	11.57	10.94	11.01	10.98	11.11	10 : 1
1 2 .	13.20	13.20	12.85	12.97	12.97	12.29	12.24	12.30	12.08	10 : 1
1 4 .	14.95	14.95	14.59	14.56	14.56	13.52	13.61	13.81	13.72	10 : 1
1 6 .	16.36	16.36	16.09	15.93	15.93	15.80	15.54	16.68	16.63	20 : 1
1 8 .	19.13	19.13	18.53	18.49	18.49	17.66	17.60	17.79	17.87	10 : 1
2 0 .	20.61	20.61	21.05	20.96	20.96	20.07	19.76	19.88	19.29	10 : 1
2 2 .	22.11	22.11	22.56	22.40	22.40	21.89	22.03	22.96	23.23	20 : 1
2 5 .	25.14	25.14	24.86	25.11	25.11	24.59	24.47	25.73	25.27	20 : 1
2 8 .	28.48	28.48	28.24	28.18	28.18	27.03	27.22	28.89	28.70	20 : 1
3 2 .	33.71	33.71	32.55	33.48	33.48	30.81	31.78	31.43	31.85	10 : 1
3 6 .	36.43	36.43	35.86	35.79	35.79	35.31	35.20	37.22	37.38	20 : 1
4 0 .	39.26	39.26	40.74	40.57	40.57	40.15	39.51	41.59	40.36	20 : 1
4 5 .	45.50	45.50	46.84	47.32	47.32	44.13	43.64	44.55	43.65	10 : 1
5 0 .	53.31	53.31	50.93	50.52	50.52	49.90	49.26	49.49	48.51	10 : 1
5 6 .	56.19	56.19	55.45	55.71	55.71	53.63	54.60	57.66	58.85	20 : 1
6 3 .	64.21	64.21	63.00	64.80	64.80	61.62	63.56	65.74	66.63	20 : 1
7 1 .	74.55	74.55	73.37	73.92	73.92	69.00	69.64	69.91	69.18	10 : 1
8 0 .	82.83	82.83	82.67	80.94	80.94	75.56	76.50	77.18	79.71	10 : 1
9 0 .	86.67	86.67	90.67	91.58	91.58	88.26	87.29	93.18	91.32	20 : 1
1 0 0	101.5	101.5	98.57	97.78	97.78	99.79	98.53	103.5	101.5	20 : 1
1 1 2	114.3	114.3	109.1	110.6	110.6	104.3	102.4	106.2	107.8	10 : 1
1 2 5	129.9	129.9	124.0	124.0	124.0	115.9	117.9	119.4	115.8	10 : 1
1 4 0	142.0	142.0	142.0	143.1	143.1	138.0	139.3	146.2	144.7	20 : 1
1 6 0	157.8	157.8	160.0	156.7	156.7	151.1	153.0	161.4	166.7	20 : 1
2 1 2	217.8	217.8	211.1	214.0	214.0	208.6	204.8	222.1	225.5	20 : 1
2 5 0	247.5	247.5	240.0	240.0	240.0	231.8	235.8	249.7	242.3	20 : 1

EXACT RATIOS - TRIPLE REDUCTION

NOMINAL RATIO COLUMN ENTRY 6 7 8	C0330	C0430	C0530	C0630		C0730	Final Reduction Worm Ratio
				Standard	Heavy Duty		
1 0 0	105.4	105.4	103.9	103.9	103.9	97.33	10 : 1
1 1 8	120.4	120.4	118.7	118.0	118.0	113.2	10 : 1
1 3 2	130.1 *	130.1 *	130.4 *	130.0	130.0	125.0 *	20 : 1
1 5 0	140.2 *	140.2 *	140.5 *	147.7	147.7	141.7 *	20 : 1
1 6 0	162.5	162.5	160.3	169.8	169.8	160.0	10 : 1
1 8 0	190.4	190.4	187.8	184.6	184.6	170.8	10 : 1
2 0 0	200.7	200.7	201.1	201.0	201.0	194.7	20 : 1
2 2 5	229.3	229.3	229.8	228.4	228.4	226.4	20 : 1
2 6 5	266.3	266.3	262.6	266.0	266.0	249.9	10 : 1
2 8 0	295.8	295.8	291.8	299.7	299.7	273.7	10 : 1
3 1 5	309.5	309.5	310.2	328.7	328.7	320.0	20 : 1
3 6 0	362.6	362.6	363.4	357.3	357.3	341.6	20 : 1
4 0 0	408.3	408.3	402.7	395.4	395.4	373.8	10 : 1
4 5 0	464.1	464.1	457.7	449.5	449.5	419.3	10 : 1
5 0 0	507.1	507.1	508.2	514.8	514.8	499.9	20 : 1
5 6 0	563.5	563.5	564.7	580.0	580.0	547.4	20 : 1
8 0 0	777.8	777.8	779.4	765.3	765.3	747.7	20 : 1
9 0 0	883.9	883.9	885.8	870.0	870.0	838.5	20 : 1

* Please consult Textron Power Transmission

EXACT RATIOS - QUADRUPLE REDUCTION

NOMINAL RATIO	COLUMN ENTRY 6 7 8	C0640	C0740	C0840	C0940	C1040
280	**2 8 0**			283.4	284.1	
315	**3 1 5**			321.3	305.1	
360	**3 6 0**			346.0	341.9	
400	**4 0 0**			402.5	389.0	
450	**4 5 0**			441.2	436.0	
500	**5 0 0**			484.4	487.4	474.3
560	**5 6 0**			563.3	552.5	545.0
630	**6 3 0**	677.2		617.5	621.5	676.4
710	**7 1 0**	736.2		684.7	704.5	777.2
800	**8 0 0**	816.2	791.7	796.4	758.8	863.4
900	**9 0 0**	871.4	860.7	873.0	882.5	895.5
1000	**1 0 C**	1040	1009	1015	967.4	994.8
1100	**1 1 C**	1111	1097	1125	1125	1143
1200	**1 2 C**	1325	1240	1202	1214	1283
1400	**1 4 C**	1415	1397	1435	1332	1450
1600	**1 6 C**	1689	1581	1532	1590	1637
1800	**1 8 C**	1803	1781	1758	1832	1851
2000	**2 0 C**	2099	1965	1925	1949	2006
2200	**2 2 C**	2241	2186	2242	2188	2196
2500	**2 5 C**	2533	2463	2455	2484	2560
2800	**2 8 C**	2705	2717	2699	2935	2804
3200	**3 2 C**	3149	3249	3353	3418	3128
3600	**3 6 C**	3481	3694	3761	3742	3426
4000	**4 0 C**	3958	4039	4036	4114	3871
4500	**4 5 C**	4334	4423	4527	4505	4301
5000	**5 0 C**	4919	5028	5002	5112	4729
5600	**5 6 C**	5386	5433	5676	5733	5255
6000	**6 0 C**	6094	6122	6366	6153	5817
6500	**6 5 C**	6507	6499	6832	6901	6396
7500	**7 5 C**	7660	7388	7663	7897	7107
8500	**8 5 C**	8388	8078	8073	8475	8521
9500	**9 5 C**	9521	9183	9054	9505	9508
10000	**1 0 K**	10425	10057	10004	9677	10412
11000	**1 1 K**	11457	10918	11352	10596	11765
12000	**1 2 K**	12849	12412	12732	12024	13072
14000	**1 4 K**	14241	13570	13665	14474	14376
16000	**1 6 K**	15971	15427	15325	16232	15973

EXACT RATIOS - QUINTUPLE REDUCTION

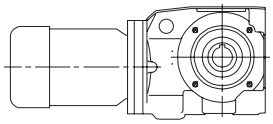
NOMINAL RATIO	COLUMN ENTRY 6 7 8	C0650	C0750	C0850	C0950	C1050
18000	**1 8 K**	18096	17383	17545	18281	18884
20000	**2 0 K**	19321	19446	19627	20782	20174
22000	**2 2 K**	22492	21607	21808	22004	22731
25000	**2 5 K**	24015	23994	24218	25016	24917
28000	**2 8 K**	28272	27269	27523	28625	28326
32000	**3 2 K**	30957	32668	28852	30309	29992
36000	**3 6 K**	35140	36278	32058	34456	34096
40000	**4 0 K**	38478	41229	35600	39228	38057
43000	**4 3 K**	42286	45091	40458	43000	41716
48000	**4 8 K**	47424	45810	46589	48884	47425
53000	**5 3 K**	52560	50102	50953	51759	50214
60000	**6 0 K**	58945	56939	57907	58842	57086

NOMINAL RATIO ENTERED IN COLUMNS **6 7 8**

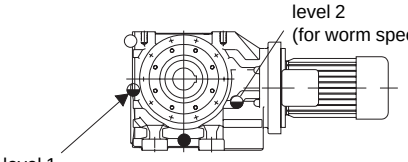
LUBRICATION FILL LEVELS

0003

MOUNTING A B C **C03, 04, 05, 06** ●

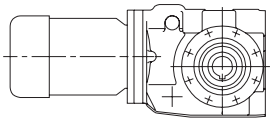


C07, 08, 09, 10

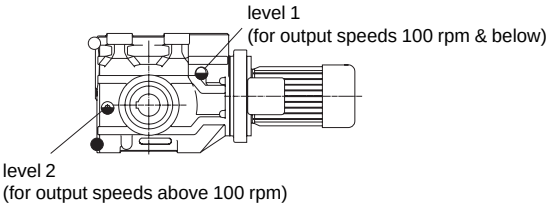


$$\text{Wormspeed} = \frac{\text{Input Speed}}{\text{Nominal Ratio}} \times \text{Worm Ratio}$$ (see page 7)

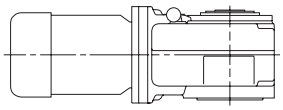
MOUNTING D E F **C03, 04, 05, 06** ●



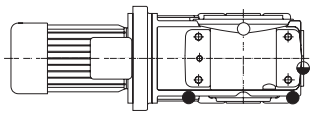
C07, 08, 09, 10



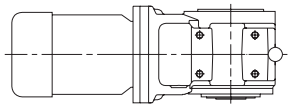
MOUNTING G H J **C03, 04, 05, 06** ●



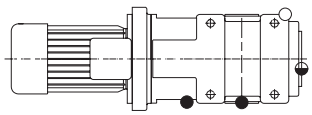
C07, 08, 09, 10



MOUNTING K M N **C03, 04, 05, 06** ●

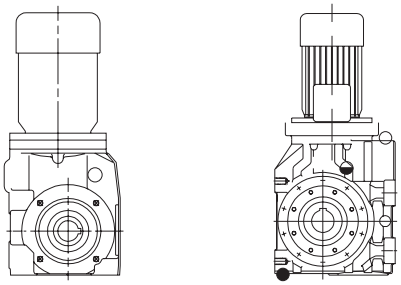


C07, 08, 09, 10



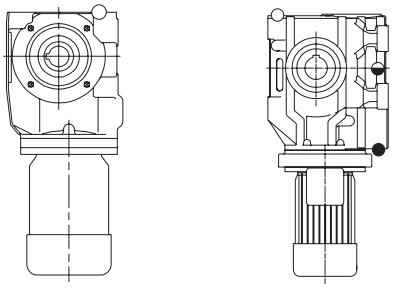
MOUNTING P S T

C03, 04, 05, 06 ● **C07, 08, 09, 10**



MOUNTING W X Y

C03, 04, 05, 06 **C07, 08, 09, 10**



MOTOR MUST BE FITTED WITH SEAL FOR THIS POSITION

● DRAIN POSITION
◒ LEVEL POSITION
○ VENTILATOR / FILLING POSITION

} C07/08/09/10 ONLY

● THESE UNITS ARE NOT FITTED WITH A VENTILATOR
SIZES C03 AND C04 HAVE TWO TAPPED HOLES FOR FILLING PURPOSES,
SIZES C05 AND C06 HAVE THREE TAPPED HOLES FOR FILLING PURPOSES

MOUNTING POSITIONS - SHOWN AS MOTORISED - APPLIES ALSO FOR REDUCERS

LUBRICANT AND QUANTITY

Unit sizes C03, 04, 05 and 06 are factory filled with a grade 6G lubricant.

Unit sizes C07, 08, 09 and 10 will be despatched without oil.

Note: Catalogue ratings are based on the polyglycol range of synthetic oils recommended on this page. The use of mineral or special oils will require a derate, please contact Textron Power Tramsmission Application Engineers.

The Textron oil grade is stamped on the name plate and the oil level should be taken using the level plug, see page 9 . These are determined from the operating speed of the gear unit and the ambient temperature range, which if not given when ordering will be assumed to be 1450 rev / min input and ambient temperature range 0 to 35°C. Oil grades and oil level should therefore always be checked before installation, instructions are provided with all units despatched.
To determine the Textron oil grade refer to table 1, and then subsequently to table 4 which gives approved lubricants.
To determine the oil capacity refer to appropriate table 2 or 3. Oil capacities are only approximate and units should be filled until oil escapes from the level plug holes. Do not overfill as excess will cause overheating and leakage.

TABLE 1 SERIES C OIL GRADES If not stated with the order these are the operating conditions that will be assumed

GEAR UNIT DETAILS			AMBIENT TEMPERATURE RANGE *		
UNIT TYPE	RATIO RANGE	INPUT SPEED (REV / MIN)	-30°C to 20°C	0°C to 35°C	20°C to 50°C
DOUBLES	8 - 18	0 - 750	6G	6G	8G
		>750 - 2000	5G	6G	7G
		>2000 - 3000	4G	6G	6G
	20 - 36	0 - 2000	6G	6G	8G
		>2000 - 3000	5G	6G	7G
	40 - 250	0 - 3000	6G	6G	8G
TRIPLES	ALL RATIOS	0 - 3000	6G	6G	8G
QUADRUPLES	630 - 2800	0 - 750	6G	7G	9G
		>750 - 3000	6G	6G	8G
	3200 - 16000	0 - 3000	6G	7G	9G
QUINTUPLES	ALL RATIOS	0 - 3000	6G	7G	9G

* For other ambient temperatures please refer to Textron Power Transmission Application Engineers

TABLE 2 LUBRICANT QUANTITY (Litres) (double and triple reduction and final stage quadruple and quintuple reduction)

DOUBLE AND TRIPLE REDUCTION AND FINAL STAGE QUADRUPLE AND QUINTUPLE REDUCTION															
Unit Size			C0320	C0330	C0420	C0430	C0520	C0530	C0620	C0630	C0720	C0730	C0820	C0920	C1020
MOUNTING POSITION	ABC	Level 1 •	0.3	0.4	0.4	0.5	0.7	0.9	1.5	2.1	4.5	4.8	7.4	14.4	21.6
		Level 2 •									3.4	3.8	6.5	8.5	12.2
	DEF	Level 1 •	0.7	1.2	1.0	1.5	1.4	2.1	3.1	4.0	5.5	5.9	10.25	17.1	31.3
		Level 2 •									3.2	3.6	5.75	7.5	17.3
	GHJ		0.5	0.8	0.7	0.9	1.0	1.2	2.3	2.5	3.7	3.7	6.0	11.1	19.0
	KMN		0.5	0.8	0.6	0.8	1.0	1.4	2.2	2.5	3.7	3.7	6.0	11.1	19.0
	PST		0.6	1.0	0.9	1.3	1.4	2.0	3.0	4.6	6.1	6.6	9.6	16.6	31.5
	WXY *	Motorised	0.65 (0.65)	1.15 (1.1)	1.0 (0.88)	1.5 (1.4)	1.4 (1.3)	1.9 (1.8)	3.2 (3.0)	4.0 (3.7)	5.2	5.6	9.4	17.0	28.8
		Reducer	0.85 (0.75)	1.35 (1.2)	1.2 (1.0)	1.7 (1.6)	1.6 (1.5)	2.1 (2.0)	3.4 (3.1)	4.2 (3.9)	5.6	6.0	9.8	17.4	29.2

• See page 5 for oil level positions

* For PG kits 0.8 to 2.8 use the quantities in brackets

TABLE 3 LUBRICANT QUANTITY (Litres) (primary stage quadruple and quintuple reduction)

PRIMARY STAGE QUADRUPLE AND QUINTUPLE REDUCTION											
Unit Size		C0640	C0650	C0740	C0750	C0840	C0850	C0940	C0950	C1040	C1050
SECONDARY UNIT (Lubricant quantity see table 2)		C0620	C0620	C0720	C0720	C0820	C0820	C0920	C0920	C1020	C1020
PRIMARY UNIT		M0420	M0430	M0420	M0430	M0620	M0630	M0620	M0630	M0720	M0630
PRIMARY QUANTITY ● (Unit lubricant)	Vertical	1.6	2.1	1.6	2.1	3.2	4.8	3.2	4.8	6.8	9.0
	Horizontal	1.1	1.3	1.1	1.3	2.4	1.3	2.4	2.6	4.6	2.6

● Unit filled with Textron Grade 6G lubricant suitable for all ambient temperatures between 0°C to 35°C and are 'lubricated for life'

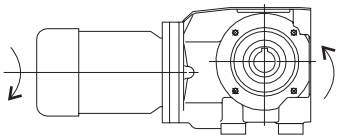
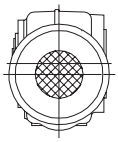
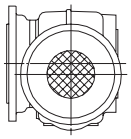
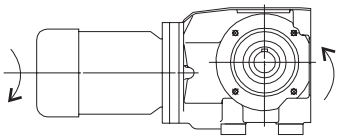
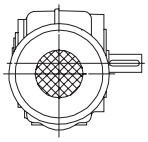
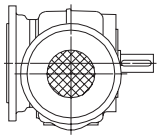
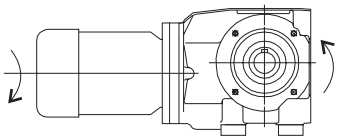
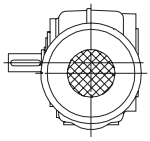
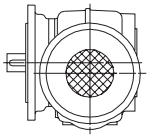
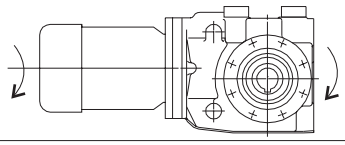
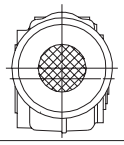
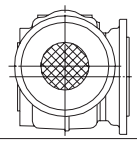
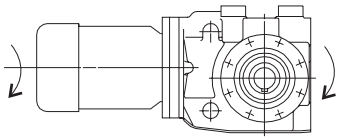
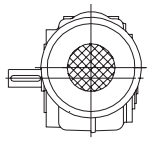
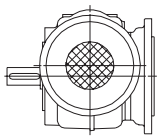
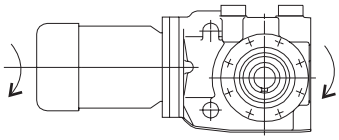
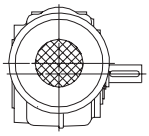
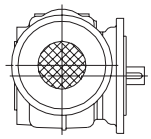
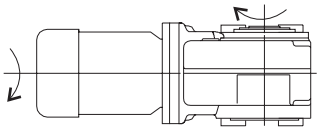
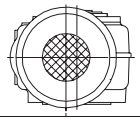
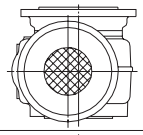
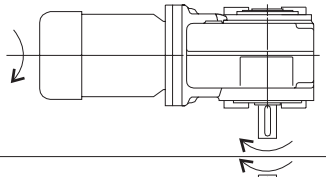
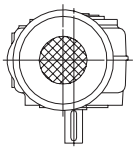
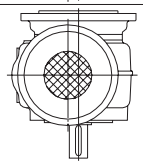
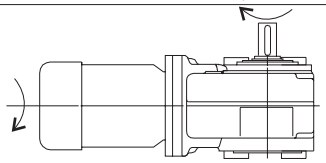
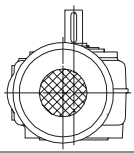
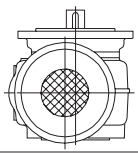
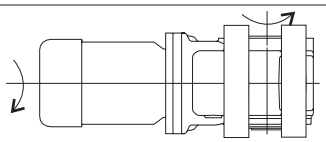
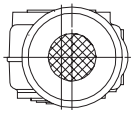
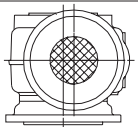
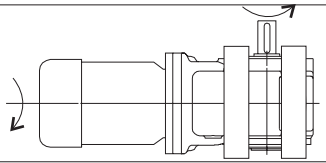
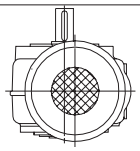
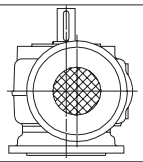
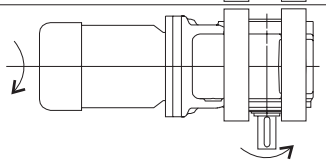
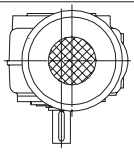
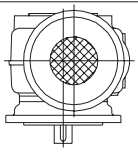
TABLE 4 APPROVED LUBRICANTS
TYPE G - POLYGLYCOL BASE SYNTHETIC

* Only one grade available hence no grade designation

		TEXTRON OIL GRADE No					
LUBRICANT SUPPLIER	LUBRICANT RANGE NAME	4G	5G	6G	7G	8G	9G
Batoyle Freedom Group	Helicol W	* (-15)					
Boxer Services / Millers Oils Limited	Boxergear W	150 (-15)	220 (-31)	320 (-31)	460 (-28)		
BP Oil International Limited	Enersyn SG-XP		220 (-31)		460 (-34)	680 (-28)	
Caltex	Synlube CLP	150 (-37)	220 (-34)	320 (-31)	460 (-28)	680 (-31)	
Carl Bechem GmbH	Berusynth EP	150 (-26)	220 (-25)	320 (-25)	460 (-25)	680 (-28)	1000 (-28)
Castrol International	Alphasyn PG	150 (-34)	220 (-34)	320 (-31)	460 (-28)		
Esso/Exxon	Glycolube	150 (-25)	220 (-25)	320 (-25)	460 (-23)		
Fuchs Lubricants	Renogear PGW	120 (-23)					
	Renolin PG	150 (-34)	220 (-34)	320 (-34)	460 (-34)	680 (-28)	1000 (-28)
Klüber Lubrication	Klübersynth GH6	150 (-30)	220 (-25)	320 (-25)	460 (-20)	680 (-20)	1000 (-20)
Kuwait Petroleum International	Q8 Gade		220 (-22)	320 (-22)	460 (-22)		
Laporte Performance Chemicals Ltd	Breox Worm Gear Lube	65 (-25)					
	Breox Industrial Lubricant Sw	150 (-25)	220 (-25)	320 (-25)	460 (-23)		
	Breox Oil Soluble Industrial Lub	220 (-23)					
Mobil Oil Company Limited	Glygoyle	22 (-25)	30 (-22)	HE320 (-37)	HE460 (-35)		
Optimol Ölwerke GmbH	Optiflex A	150 (-31)	220 (-28)	320 (-28)	460 (-28)	680 (-28)	1000 (-25)
Shell Oils	Tivela	SA (-25)	SB (-25)	SC (-25)	SD (-23)		
	Tivela S	150 (-40)	220 (-34)	320 (-34)	460 (-34)	680 (-34)	1000 (-31)
Texaco Limited	Synlube CLP	150 (-37)	220 (-34)	320 (-31)	460 (-28)	680 (-31)	
Total	Carter SY		220 (-25)	320 (-28)	460 (-22)		
Tribol, GmbH	Tribol 800	150 (-37)	220 (-27)	320 (-25)	460 (-25)	680 (-25)	1000 (-23)

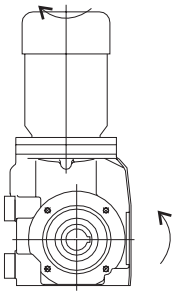
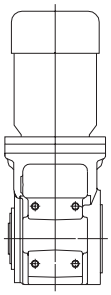
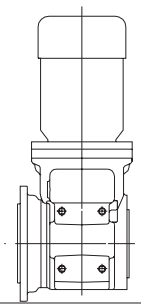
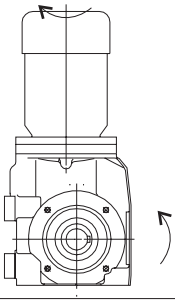
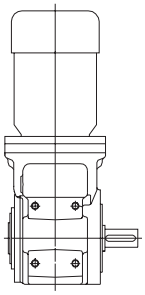
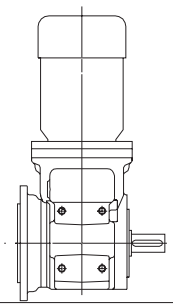
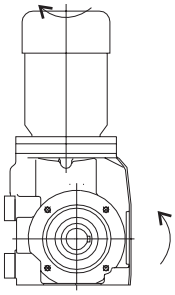
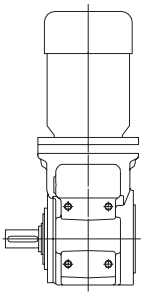
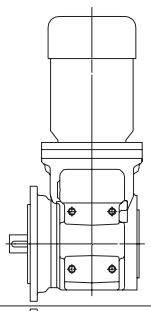
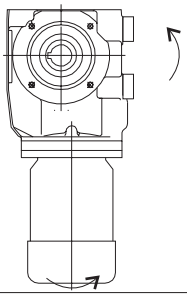
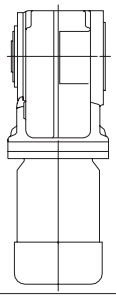
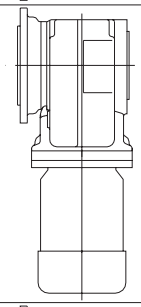
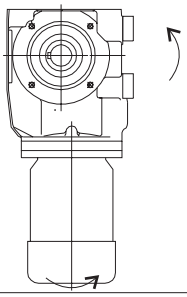
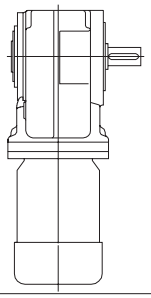
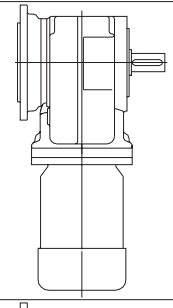
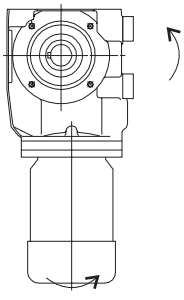
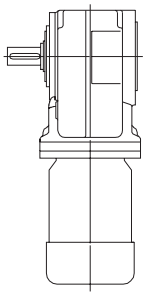
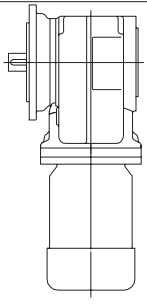
HANDING & MOUNTING POSITIONS

9505

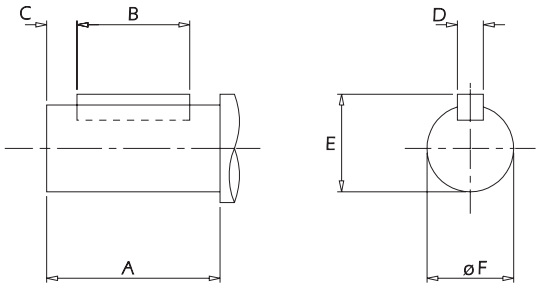
COLUMN 13 ENTRY	DOUBLE OUTPUT SHAFTS ARE AVAILABLE FOR ALL MOUNTING POSITIONS MOUNTING POSITIONS SHOWN AS MOTORISED - APPLIES ALSO FOR REDUCERS		
A			
B			
C			
D			
E			
F			
G			
H			
J			
K			
M			
N			

HANDING & MOUNTING POSITIONS

9505

COLUMN 13 ENTRY	DOUBLE OUTPUT SHAFTS ARE AVAILABLE FOR ALL MOUNTING POSITIONS MOUNTING POSITIONS SHOWN AS MOTORISED - APPLIES ALSO FOR REDUCERS		
P			
S			
T			
W			
X			
Y			

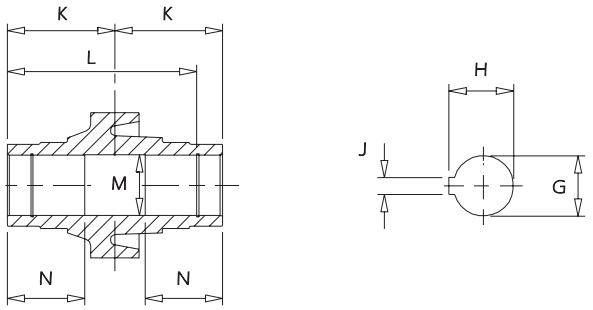
OUTPUTSHAFT OPTIONS, COLUMN 11 ENTRY



SIZE OF UNIT	TYPE OF OUTPUTSHAFT	COLUMN 11 ENTRY	DIMENSIONS IN MM (INCH SHAFTS IN INCHES)					
			A	B	C	D	E	øF
C03	Standard	C, D	35	31	3	6	22.5	20.020/20.015
	Inch	N, P	1.38"	1.28"	*	0.19"	0.83"	0.7500"/0.7495"
C04	Standard	C, D	46	42	3	8	28	25.020/25.015
	Inch	N, P	1.81"	1.69"	*	0.25"	1.10"	1.0000"/0.9995"
C05	Standard	C, D	60	53	3	8	33	30.020/30.015
	Inch	N, P	2.36"	2.125"	*	0.25"	1.36"	1.2500"/1.2494"
C06	Standard	C, D	63	55	3	10	38	35.020/35.018
	Standard Heavy Duty	J, K	98	80	5	14	48.5	45.020/45.018
	Inch	N, P	2.48"	2.34"	*	0.313"	1.51"	1.3750"/1.3744"
	Inch Heavy Duty	X	3.86"	3.75"	*	0.375"	1.92"	1.7500"/1.7494"
C07	Standard	C, D	76	70	3	14	48.5	45.018/45.002
	Standard Shaft Down	M	90	84	3	14	48.5	45.018/45.002
	Inch	N	2.99"	2.625"	*	0.375"	1.917"	1.7500"/1.7494"
	Inch Shaft Down	S	3.54"	2.75"	*	0.375"	1.91"	1.7500"/1.7494"
	Inch Double Ext	P	2.99"	2.625"	*	0.375"	1.917"	1.7500"/1.7494"
C08	Standard	C, D	120	110	3	18	64	60.030/60.011
	Standard Shaft Down	M	120	110	3	18	64	60.030/60.011
	Inch	N	4.72"	4.125"	*	0.625"	2.646"	2.3750"/2.3744"
	Inch Shaft Down	S	4.72"	3.25"	*	0.625"	2.64"	2.3750"/2.3744"
	Inch Double Ext	P	4.72"	4.125"	*	0.625"	2.582"	2.3125"/2.3115"
C09	Standard	C, D	135	125	3	20	74.5	70.030/70.011
	Standard Shaft Down	M	140	125	3	20	74.5	70.030/70.011
	Inch	N	5.12"	4.5"	*	0.75"	3.20"	2.8750"/2.8740"
	Inch Shaft Down	S	5.51"	3.50"	*	0.75"	3.20"	2.8750"/2.8740"
	Inch Double Ext	P	5.12"	4.5"	*	0.625"	2.963"	2.6875"/2.6865"
C10	Standard	C, D	170	160	3	25	95	90.035/90.013
	Standard Shaft Down	M	170	160	3	25	95	90.035/90.013
	Inch	N	6.69"	5.875"	*	0.875"	4.009"	3.6250"/3.6240"
	Inch Shaft Down	S	6.69"	5.51"	*	0.875"	4.00"	3.6250"/3.6240"
	Inch Double Ext	P	6.69"	5.875"	*	0.750"	3.518"	3.1875"/3.1865"

* Inch shaft has an open ended keyway, therefore no 'C' dimension is required

OUTPUT BORE OPTIONS, COLUMN 11 ENTRY



SIZE OF UNIT	TYPE OF BORE	COLUMN 11 ENTRY	DIMENSIONS IN MM (INCH BORE IN INCHES)						
			øG	H	J	K	L	øM	N
C03	Standard	H	20.021/ 20.000	22.9	6	62	104	20.2	52
	Inch	A	0.7508"/ 0.7500"	0.84"	0.188"	2.44"	4.13"	0.76"	2.05"
C04	Standard	H	30.021/ 30.000	33.5	8	65	122	30.2	54
	Reduced Dia	Z	25.021/ 25.000	28.5	8	65	125	25.2	54
	Inch	A	1.2510"/ 1.2500"	1.37"	0.25"	2.56"	4.81"	1.26"	2.13"
C05	Standard	H	35.025/ 35.000	38.5	10	70	127	35.3	56
	Reduced Dia	Z	30.021/ 30.000	33.5	8	70	127	30.3	56
	Inch	A	1.3760"/ 1.3750"	1.53"	0.313"	2.76"	5.00"	1.39"	2.20"
C06	Standard	H	45.025/ 45.000	49.0	14	90	156	45.3	70
	Reduced Dia	Z	40.025/ 40.000	43.5	12	90	156	40.3	70
	Inch	A	1.5010"/ 1.5000"	1.67"	0.375"	3.54"	6.14"	1.51"	2.76"
C07	Standard	H	60.030/ 60.000	64.6	18	109	188	60.5	79
	Reduced Dia	Z	50.030/ 50.000	54.0	14	109	191	50.5	79
	Inch	A	2.0010"/ 2.0000"	2.23"	0.50"	4.29"	7.41"	2.02"	3.11"
C08	Standard	H	70.030/ 70.000	75.1	20	125	220	70.5	90
	Reduced Dia	Z	60.030/ 60.000	64.6	18	125	220	60.5	90
	Inch	A	2.3760"/ 2.3750"	2.66"	0.625"	4.92"	8.68"	2.40"	3.54"
C09	Standard	H	90.035/ 90.000	95.6	25	150	265	90.5	107.5
	Reduced Dia	Z	70.030/ 70.000	75.1	20	150	270	70.5	107.5
	Inch	A	2.7510"/ 2.7500"	3.04"	0.625"	5.91"	10.65"	2.76"	4.23"
C10	Standard	H	100.035/ 100.000	106.6	28	175	313	100.5	132.5
	Reduced Dia	Z	80.030/ 80.000	85.6	22	175	313	80.5	132.5
	Inch	A	3.2510"/ 3.2500"	3.59"	0.75"	6.89"	12.32"	3.26"	5.22"

IEC MOTOR ADAPTORS, COLUMN 12 ENTRY FOR G TYPE ONLY

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER																									
		C0320		C0330		C0420		C0430		C0520		C0530		C0620		C0630		C0720		C0730		C0820		C0920		C1020	
RATIO COVERAGE		8.0 - 28. 36. - 40.	32. 45. - 250	132 - 150	100 - 118 160 - 900	8.0 - 28. 36. - 40.	32. 45. - 250	132 - 150	100 - 118 160 - 900	8.0 - 40. 56. - 63.	45. - 50. 71. - 250	132 - 150	100 - 118 160 - 900	8.0 - 28. 36. - 40.	32. 45. - 250	100 - 150 200 - 225	160 - 180 265 - 900	8.0 - 28. 36. - 40.	32. 45. - 250	132 - 150	100 - 118 160 - 900	8.0 - 40. 56. - 63.	45. - 50. 71. - 250	8.0 - 40. 56. - 63.	45. - 50 71. - 250	8.0 - 40. 56. - 63.	45. - 50. 71. - 250
63/D	COLUMN 12 ENTRY	**F**	**F**	**F**	**F**	**F**	**F**	**F**	**F**	-	**F**	**F**	**F**	-	V	-	**F**	-	-	-	V	-	-	-	-	-	-
71/D		G	G	G	G	G	G	G	G	-	G	G	G	-	D	-	G	-	-	-	D	-	-	-	-	-	-
71/C		**H**	**H**	**H**	**H**	**H**	**H**	**H**	**H**	-	**H**	**H**	**H**	-	**E**	-	**H**	-	-	-	**E**	-	-	-	-	-	-
80/D		A	J	A	J	A	J	A	J	A	J	A	J	W	F	A	J	-	F	W	F	-	D	-	E	-	-
80/C		**B**	**K**	**B**	**K**	**B**	**K**	**B**	**K**	**B**	**K**	**B**	**K**	**X**	**G**	**B**	**K**	-	**G**	**X**	**G**	-	-	-	-	-	-
90/D		C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	Y	H	C	Q	-	H	Y	H	-	E	-	F	-	-
90/C		D	R	D	R	D	R	D	R	D	R	D	R	**Z**	**J**	D	R	-	**J**	**Z**	**J**	-	-	-	-	-	-
100/D		-	-	-	-	-	-	-	-	-	-	-	-	A	K	-	-	A	K	A	K	A	F	-	G	-	E
100/C		E	S	E	S	E	S	E	S	E	S	E	S	**B**	**L**	E	S	**B**	**L**	**B**	**L**	-	-	-	-	-	-
112/D		-	-	-	-	-	-	-	-	-	-	-	-	A	K	-	-	A	K	A	K	A	F	-	G	-	E
112/C		E	S	E	S	E	S	E	S	E	S	E	S	**B**	**L**	E	S	**B**	**L**	**B**	**L**	-	-	-	-	-	-
132/D		-	-	-	-	-	-	-	-	-	-	-	-	N	P	-	-	C	M	N	P	B	G	-	H	-	F
132/C		-	-	-	-	-	-	-	-	-	-	-	-	C	M	-	-	**D**	**N**	C	M	-	-	-	-	-	-
160/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E	P	-	-	C	H	A	J	A	G
180/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	K	B	H
200/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	L	C	J
225/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D	M	D	K

Preferred

BOLD - IF UNITS SUPPLIED AS GEARHEAD ONLY THEY WILL BE SUPPLIED LESS LUBRICANT (ALL OTHER UNITS SIZE C03 - C06 SUPPLIED WITH LUBRICANT)

NEMA MOTOR ADAPTORS, COLUMN 12 ENTRY FOR A TYPE ONLY

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER																									
		C0320		C0330		C0420		C0430		C0520		C0530		C0620		C0630		C0720		C0730		C0820		C0920		C1020	
RATIO COVERAGE		8.0 - 28. 36. - 40.	32. 45. - 250	132 - 150	100 - 118 160 - 900	8.0 - 28. 36. - 40.	32. 45. - 250	132 - 150	100 - 118 160 - 900	8.0 - 40. 56. - 63.	45. - 50. 71. - 250	132 - 150	100 - 118 160 - 900	8.0 - 28. 36. - 40.	32. 45. - 250	100 - 150 200 - 225	160 - 180 265 - 900	8.0 - 28. 36. - 40.	32. 45. - 250	132 - 150	100 - 118 160 - 900	8.0 - 40. 56. - 63.	45. - 50. 71. - 250	8.0 - 40. 56. - 63.	45. - 50 71. - 250	8.0 - 40. 56. - 63.	45. - 50. 71. - 250
56C	COLUMN 12 ENTRY	T	U	T	U	T	U	T	U	T	U	T	U	-	Q	T	U	-	Q	-	Q	-	M	-	-	-	-
143TC/ 145TC		V	W	V	W	V	W	V	W	V	W	V	W	-	R	V	W	-	R	-	R	-	N	-	-	-	-
182TC/ 184TC		X	-	X	-	X	-	X	-	X	-	X	-	S	T	X	-	S	T	S	T	J	P	-	S	-	P
213TC/ 215TC		-	-	-	-	-	-	-	-	-	-	-	-	U	-	-	-	U	V	U	-	K	Q	-	T	-	Q
254TC/ 256TC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	W	-	-	-	L	U	P	U	L	R
284TC/ 286TC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Q	V	M	S
324TC/ 326TC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	W	N	T

ADDITIONAL FEATURES - COLUMN 20 ENTRY

COLUMN 20 ENTRY	DOUBLE OIL SEALS	PRIME PAINTED ONLY	MOTORISED * BACKSTOP MODULE	LUBRICANT TYPE ** (See lubrication details - Page 10)	
				MINERAL **	SYNTHETIC
-				●	
A	●			●	
B		●		●	
C			●	●	
D	●	●		●	
E		●	●	●	
F	●		●	●	
G	●	●	●	●	
H (1)					
J	●				
K		●			
L			●		
M	●	●			
N		●	●		
P	●		●		
Q	●	●	●		
R (2)					●
S	●				●
T		●			●
U			●		●
V	●	●			●
W		●	●		●
X	●		●		●
Y	●	●	●		●

* Motorised backstop modules are available for use with B5 flange mounted motors from frame size D100 to D200 only (see page 87).

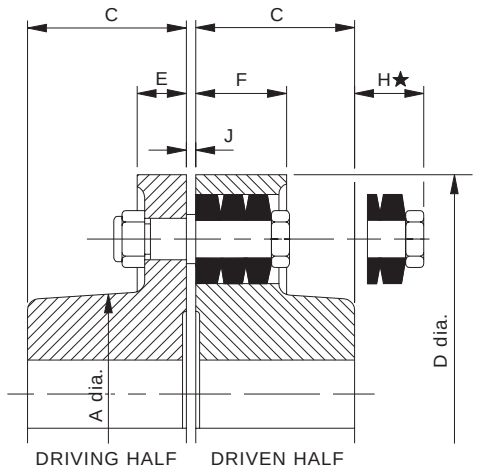
** Customer requests for mineral base or special oils must be referred to Textron Power Transmission Applications Engineering, since a derate could result depending on oil type used.

(1) Standard option sizes C07, C08, C09 and C10

(2) Standard option sizes C03, C04, C05 and C06

CONE RING FLEXIBLE COUPLINGS

0004



This type of coupling compensates for normal angular and parallel misalignment of shafts, together with a limited freedom of axial movement. The conical section rubber rings provide greatly improved torsional flexibility in drives where shock or cyclic loadings are present.

Two types are available, MEDIUM DUTY and HEAVY DUTY. Medium duty couplings (types 612 and 614) are identical to heavy duty couplings (types 611 and 613) except that they are supplied with only half the standard number of pin and ring assemblies. This enables a useful cost saving to be made when the size of coupling is determined by the shaft diameter rather than the coupling's torque capacity.

Parallel Keyway to BS 4235 : Part 1 1972 (1986) with P9 width tolerance

Bore tolerance to ISO 286-2-1988(E) is M7 upto and incl. 50 mm
K7 over 50 mm

Coupling Size	A	D	E	F	H	H★	J
01	64	134	12	26	20	28	3
02	70	147	12	26	12	23	3
03	83	171	19	35	26	37	3
04	97	193	19	35	19	37	3
05	117	215	19	35	11	37	3
06	127	254	31	56	46	59	3
07	147	279	31	56	34	52	3
08	180	330	30	61	22	41	3
09	206	371	46	81	45	53	6
10	230	419	46	81	30	41	6
11	256	457	46	81	12	-	6
12	296	533	46	81	0	-	6

★ The coupling pin withdrawal distance is dimension H for straight bored couplings or dimension H★ for taper bushed couplings.

Reference number	Bore diameter
- - -	Pilot
018	18
019	19
020	20
022	22
024	24
025	25
028	28
030	30
032	32
035	35
038	38
040	40
042	42
045	45
048	48
050	50
055	55
056	56
060	60

Reference number	Bore diameter
063	63
065	65
070	70
071	71
075	75
080	80
085	85
090	90
095	95
100	100
110	110
115	115
120	120
125	125
130	130
140	140
150	150
160	160
170	170

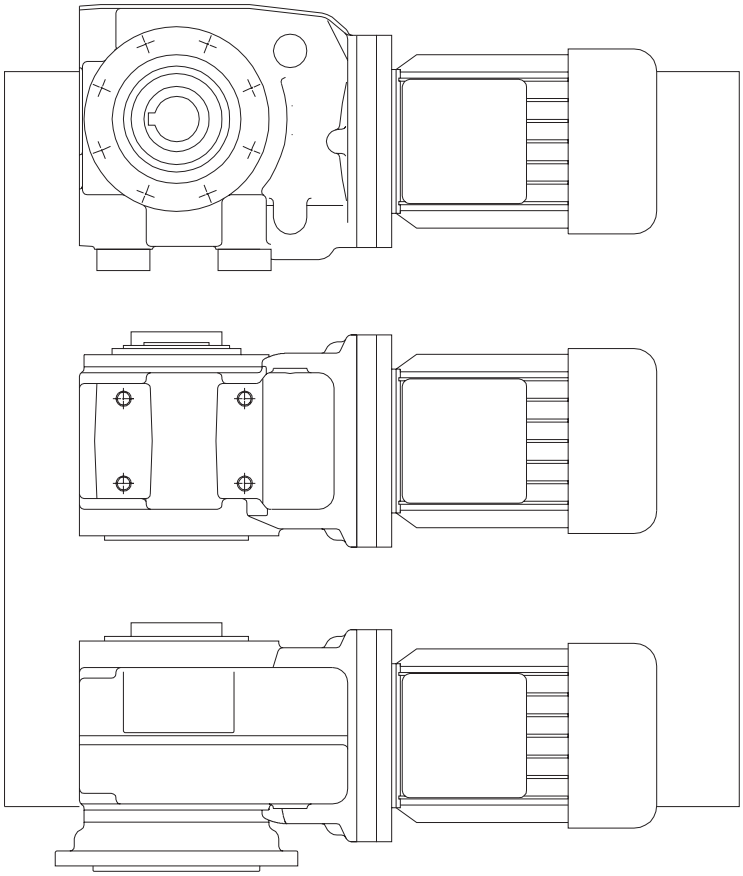
	Types 611 & 612 Straight bored				Types 613 & 614 Taper bushed				Types 612 & 614 Medium Duty				Types 611 & 613 Heavy Duty		
Coupling size	Max. bore	Min. bore		Hub length C	Max. bore	Min. bore	Hub length C	Taper bush length	Torque kNm	kW 100 rev/min	kW 960 rev/min	kW 1450 rev/min	Torque kNm	kW 100 rev/min	Max rev/min
		Driving half	Driven half												
01	38	*	19	48	25	9	40	22.3	0.090	0.95	9.1	13.7	0.181	1.89	4780
02	42	*	22	56	32	11	45	38.1	0.140	1.46	14.0	21.2	0.279	2.92	4335
03	48	*	25	61	40	14	50	38.1	0.232	2.43	23.4	35.3	0.465	4.87	3745
04	60	*	28	68	48	18	50	44.5	0.359	3.75	36.0	54.4	0.717	7.51	3320
05	70	*	32	76	60	16	50	44.5	0.509	5.33	51.2	77.3	1.018	10.7	3000
06	80	25	42	88	60	19	75	63.5	1.219	12.76	123	185	2.438	25.5	2520
07	90	30	55	100	75	35	82	76.2	1.681	17.60	169	255	3.362	35.2	2295
08	100	40	60	117	90	35	98	88.9	2.524	26.42	254	383	5.047	52.8	1940
09	120	50	65	132	110	55	124	114.3	4.217	44.15	424	640	8.433	88.3	1725
10	140	80	80	147	125	70	136	127	5.765	60.37	580	875	11.53	120.7	1530
11	150	90	90	165	-	-	-	-	7.530	78.85	757	-	15.06	157.7	1400
12	170	100	100	188	-	-	-	-	11.750	123.00	1181	-	23.50	246.1	1200

* Note: up to size 05 the Driving half hubs are solid.

All dimensions in mm

For applications in ambient temperatures above 80°C (176°F) or below -30°C (-22°F) refer to Textron Power Transmission.

The depths of rectangular Imperial keyways to BS46 are generally greater than the equivalent metric keyways, hence the maximum bores given must be marginally reduced when using an Imperial inch system. Consult Textron Powe Transmission for details.



MOTORISED

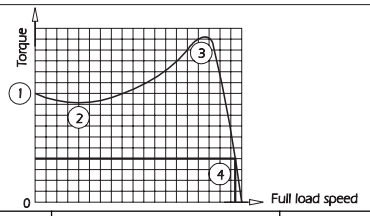
SERIES C

TEXTRON POWER TRANSMISSION

MOTOR PERFORMANCE DATA
ALUMINIUM FRAME MOTORS

9505

Type Cage Rotor
Enclosure IP55, TEFV (ICO141)
Rating S1 (Maximum Continuous)
Supply 3 PH 50Hz 380 - 415V
Insulation Class F
Temp. Rise Class B



Typical Speed/Torque Curve (D.O.L. Starting)

(1) Starting Torque or Locked Rotor Torque
(2) Pull Up Torque or Run Up Torque
(3) Pull Out Torque or Breakdown Torque
(4) Full Load Torque

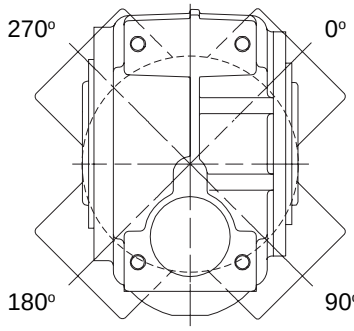
Torque/Speed curves for specific motors can be supplied on request

kW	MOTOR FRAME SIZE	FULL LOAD SPEED	FLC (AMPS) 400 VOLTS	EFFICIENCY %			POWER FACTOR			D.O.L. STARTING % OF FULL LOAD		STAR DELTA STARTING % OF FULL LOAD		PULL UP TORQUE % FLT	PULL OUT TORQUE % FLT	ROTOR INERTIA WK^2 IN KGM^2
				FL	3/4 L	1/2 L	FL	3/4 L	1/2L	LRT	LRC	LRT	LRC			
0.12	63	1360	0.5	55	50	43	0.65	0.60	0.50	260	320			240	260	0.00025
	63	835	0.6	43	41	37	0.62	0.56	0.46	230	250			200	180	0.0003
	71	600	0.7	42	38	34	0.56	0.50	0.42	200	250			180	180	0.0006
0.18	63	2680	0.54	61	58	52	0.79	0.73	0.60	250	380			210	210	0.0002
	63	1360	0.7	56	52	44	0.67	0.60	0.50	260	320			240	260	0.0003
	71	840	0.8	52.5	51	47	0.62	0.55	0.47	230	260			200	180	0.0005
	80	650	0.8	53	49	45	0.61	0.56	0.45	180	230			160	180	0.0024
0.25	63	2730	0.7	64	61	55	0.80	0.72	0.60	240	400			210	210	0.00023
	71	1370	0.8	64	60	54	0.68	0.63	0.56	270	370			240	260	0.0005
	71	845	1.1	53	52.5	50	0.62	0.55	0.47	240	280			200	180	0.0006
	80	650	1.0	55.5	52	46	0.68	0.60	0.50	180	250			160	180	0.00275
0.37	71	2730	1.05	65	62	58	0.79	0.72	0.60	280	400			250	250	0.0004
	71	1380	1.2	65	64	58	0.67	0.60	0.52	280	420			260	270	0.0006
	80	925	1.2	62	59	50	0.72	0.62	0.52	220	340			170	200	0.0024
	90	680	1.4	62	59	53	0.62	0.54	0.44	260	380			220	230	0.00375
0.55	71	2720	1.5	68	66	62	0.80	0.73	0.63	280	420			260	250	0.00045
	80	1370	1.6	67.5	68	65	0.74	0.64	0.52	250	400			180	200	0.0013
	80	925	1.65	67	62	53	0.72	0.62	0.52	250	370			200	210	0.00275
	90	690	2.05	63	60	54	0.62	0.54	0.44	320	420			270	280	0.005
0.75	80	2800	1.9	71	69	67	0.83	0.78	0.66	230	460			190	230	0.00083
	80	1385	2.2	70	69	66	0.72	0.62	0.51	250	430			190	200	0.0016
	90	910	2.2	67	65	63	0.75	0.66	0.55	240	360			190	240	0.00375
	100	700	2.4	68	68	66	0.68	0.58	0.48	160	440			110	170	0.0093
1.1	80	2840	2.5	76	75	73	0.83	0.75	0.64	250	540			190	240	0.00097
	90	1380	2.9	72	72.5	72	0.76	0.68	0.57	250	440			220	250	0.0033
	90	920	3.1	71	68	64	0.73	0.67	0.52	240	460			140	290	0.005
	100	700	3.4	69	68	66	0.68	0.58	0.48	200	440			140	180	0.0123
1.5	90	2820	3.5	76	75	74	0.82	0.73	0.63	240	500			200	250	0.0016
	90	1390	3.8	76	76	75	0.76	0.66	0.55	260	500			230	260	0.004
	100	950	3.9	75	74.5	73	0.75	0.66	0.54	180	500			150	200	0.01
	112	700	4.3	72	72	70	0.71	0.62	0.52	180	430			170	200	0.017
2.2	90	2850	5.0	78	78	77	0.82	0.73	0.63	300	700			260	320	0.0022
	100	1410	5.2	78.5	78.5	78	0.78	0.71	0.60	240	530			210	240	0.0073
	112	945	5.5	75	76	76	0.77	0.71	0.57	220	500			190	200	0.015
	132	705	5.8	74	74	73.5	0.74	0.64	0.53	180	500			130	160	0.038
3	100	2900	6.5	79	79	77	0.84	0.74	0.64	270	700			250	300	0.005
	100	1420	6.8	80	80	79	0.80	0.72	0.60	240	550			210	250	0.009
	132	950	7.1	78	78	77	0.78	0.71	0.60	190	600			150	200	0.03
	132	710	7.6	76.5	77	76	0.75	0.68	0.56	180	430			130	160	0.046
4	112	2900	8.2	83	83	82	0.85	0.81	0.73	280	700	85	220	260	300	0.0063
	112	1425	8.6	83	83	82	0.81	0.72	0.62	270	620	84	195	230	290	0.0115
	132	955	9.5	78	78	77	0.78	0.72	0.62	230	600	73	190	160	230	0.038
	160	720	9.5	81	81.5	80.5	0.74	0.67	0.55	180	430	60	140	150	210	0.08
5.5	132	2900	11.8	83	82.5	80	0.82	0.75	0.64	340	700	100	220	280	280	0.016
	132	1450	11.85	85	85.5	85	0.79	0.72	0.59	260	650	80	200	180	270	0.0238
	132	960	13	81	80	79	0.76	0.66	0.54	260	660	80	210	180	260	0.046
	160	720	13.5	81	81.5	81	0.75	0.70	0.58	180	430	60	140	150	210	0.092
7.5	132	2900	15.3	84.5	84	81	0.84	0.79	0.73	330	700	100	220	270	270	0.019
	132	1450	15.6	86	86	85	0.81	0.75	0.64	260	690	80	215	180	270	0.03
	160	965	15	86	86	86.5	0.82	0.78	0.69	200	530	65	175	160	230	0.087
	160	720	17	84	84	83	0.75	0.70	0.58	200	470	65	155	180	220	0.11
9.2	132	2910	18.5	85	85	83	0.85	0.81	0.73	340	720	105	220	270	270	0.023
	132	1460	18.5	88	88	87	0.82	0.75	0.65	260	740	81	230	180	270	0.0338
11	132	2920	22	89	89	88	0.82	0.77	0.68	210	620	70	200	200	270	0.03
	160	1460	22.5	88	88	87	0.81	0.76	0.65	210	520	70	160	180	220	0.0625
	160	970	22.5	86.5	87	87	0.82	0.75	0.64	230	600	75	200	200	250	0.11
	180	720	24.5	86	86	84	0.75	0.69	0.57	220	500	73	165	190	230	0.16

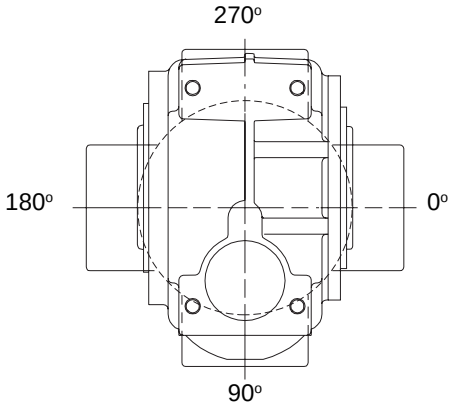
MOTOR PERFORMANCE DATA ALUMINIUM FRAME MOTORS
TERMINAL BOX POSITION / STD MOTOR VARIANTS AVAILABLE

kW	MOTOR FRAME SIZE	FULL LOAD SPEED	FLC (AMPS) 400 VOLTS	EFFICIENCY %			POWER FACTOR			D.O.L. STARTING % OF FULL LOAD		STAR DELTA STARTING % OF FULL LOAD		PULL UP TORQUE % FLT	PULL OUT TORQUE % FLT	ROTOR INERTIA WK^2 IN KGM^2
				FL	3/4 L	1/2 L	FL	3/4 L	1/2L	LRT	LRC	LRT	LRC			
15	160	2930	29	90	90	89	0.83	0.79	0.7	280	650	90	215	240	320	0.035
	160	1460	30	89	89	89	0.81	0.76	0.64	230	590	75	195	190	240	0.075
	180	970	30	88	88	87.5	0.82	0.78	0.69	230	570	75	190	180	230	0.13
	200	725	33	86	86	84	0.75	0.68	0.55	220	500	70	165	190	230	0.22
18.5	160	2940	36	90	89	88	0.83	0.8	0.71	290	710	95	235	280	330	0.04
	180	1460	36.5	89	89	89	0.82	0.76	0.65	240	620	80	200	190	250	0.09
	200	970	36.5	88	88	87.5	0.83	0.79	0.7	230	540	75	180	190	230	0.17
	225	725	39.5	88	88	87	0.77	0.73	0.65	240	500	80	165	160	240	0.42
22	180	2940	41	90	90	89.5	0.86	0.83	0.76	280	710	90	235	230	350	0.048
	180	1465	42	89.5	89.5	89	0.85	0.8	0.69	240	620	80	200	200	260	0.11
	200	970	43	89	89	88.5	0.84	0.79	0.69	240	570	80	190	190	250	0.22
	225	725	47	89	88.5	88	0.76	0.69	0.59	250	550	80	180	190	260	0.52
30	200	2940	55	90.5	90	90	0.87	0.85	0.78	280	680	90	225	210	320	0.165
	200	1465	57	90	90	90	0.85	0.8	0.7	240	650	80	215	200	280	0.18
	225	975	58	90.5	91	90	0.82	0.78	0.69	260	620	85	200	200	260	0.47
37	200	2950	67	91.5	91.5	91	0.87	0.84	0.77	280	710	90	235	250	330	0.18
	225	1470	67	91.5	91.5	91	0.86	0.82	0.71	230	650	75	215	200	270	0.32
45	225	2960	80	92.3	92	91	0.88	0.86	0.79	250	660	80	220	220	330	0.225
	225	1470	83	91.5	92	91.5	0.86	0.82	0.73	230	650	75	215	210	280	0.41

TERMINAL BOX POSITION - COLUMN 14 ENTRY



D63 MOTORS ONLY
(SIZES C03, C04, C05 ONLY)



ALL MOTORS

COLUMN 14 ENTRY	TERMINAL BOX POSITION
A	0°
B	90°
C	180°
D	270°
-	REDUCER OR NO MOTOR FITTED

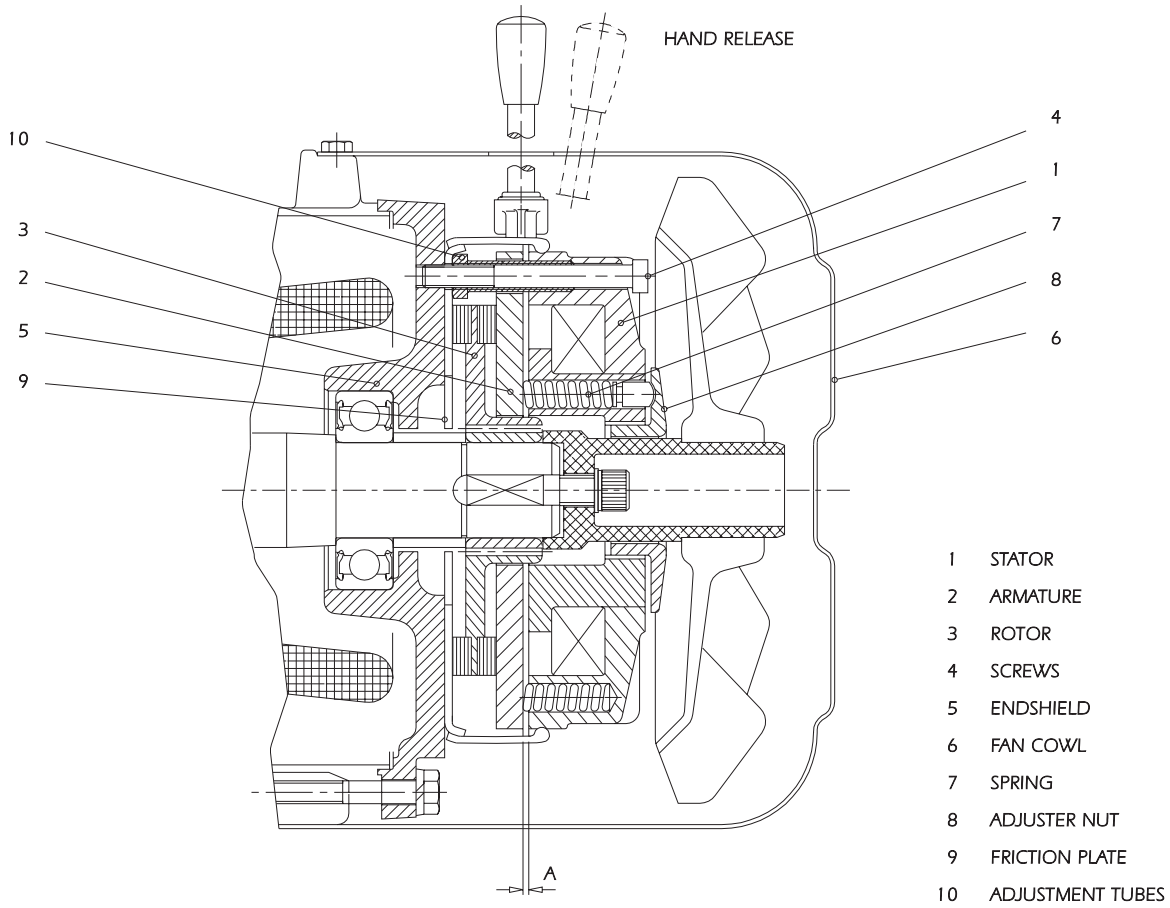
All variants of standard IEC and NEMA motors can be fitted to Series C, For example:-

- Single phase
- DC
- Energy efficient
- Wash down
- Explosion-proof
- Suitable to be used with inverters
- Force vented
- Flame proof
- Two speed
- Tropicalised
- Crane duty
- Underground specification
- Fitted with encoders
- Fitted with tacho
- Fitted with thermistors
- Fitted with anti condensation heaters
- Hydraulic motors with IEC flanges
- Air motors with IEC flanges

Standard clutch brake modules with IEC flanges can be fitted between motor and gearhead.
Variable speed packages are available, either belt variators or mechanical disc variators.
For any of these combinations please contact your local Textron Power Transmission Sales office.

BRAKE MOTORS MOTORS AVAILABLE

9502



BRAKE MOTORS

Brake motors are fitted with spring-loaded brakes (mounted between motor endshield and fan blade) under the fan cowl. When the motor is switched on, the brake is supplied with DC voltage via a suitable rectifier.

The spring-loaded brake is normally off, electromagnetically released brake comprising the stator (1), the armature (2) and the brake rotor (3). It is fixed to the motor endshield (5) with screws (4) and located under the fan cowl (6). The friction plate (9) is held against the motor end shield (5) and serves as a counter friction face. When the release current does not flow the springs (7) press the armature (2) against the brake rotor (3) which in turn is pressed against the friction plate (9). The braking torque is generated through friction on both friction faces.

When switching on the motor the brake release coil is activated and the magnetic force of the stator (1) releases armature (2) against the spring resistance (7). The rotor (3) is freed.

The brake torque can be reduced by a maximum of 40% by using an adjuster (8).

We recommend to check the air gap A periodically, although, normally the brake needs no maintenance. Depending on the inertia to brake, speed, and switching frequency, the rotor can wear and become smaller due to the friction at the friction surfaces. If A max. (see table) is attained, the air gap must be adjusted. Where adjustment is needed, slacken screws (4) and reset the gap by turning adjustment tubes (10). Re-tighten screws (4) to the correct torque shown in the table below.

MOTOR FRAME SIZE		63	71	80	90	100/112	132
BRAKE SIZE		06	06	08	10	12	14
BRAKE TORQUE	Nm	2.85	4	8	16	32	60
A	mm	0.2	0.2	0.2	0.2	0.3	0.3
A max	mm	0.5	0.5	0.5	0.5	0.75	0.8
BOLT TIGHTENING TORQUE	Nm	3	3	6	10	10	25

MOTORS AVAILABLE COLUMN 19 ENTRY

TYPE OF MOTOR	COLUMN 19 ENTRY
STANDARD	A
STANDARD WITH BRAKE	B *
STANDARD WITH BRAKE & HAND RELEASE	C
FIT NON STANDARD MOTOR	N
FIT FREE ISSUE MOTOR	F

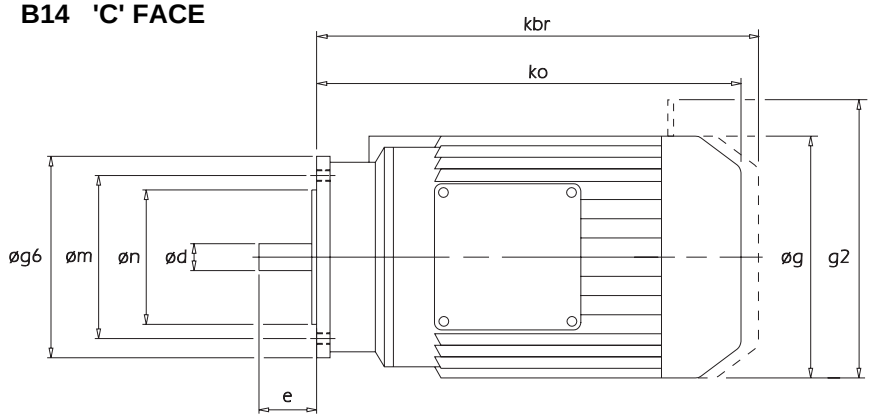
* The standard motor with brake will be fitted with a rectifier and wired for AC switching.

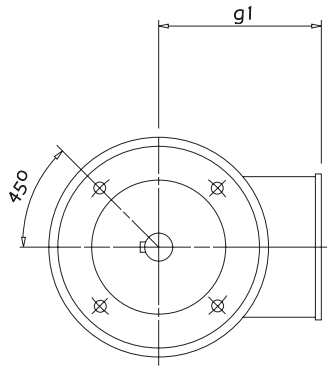
For fast braking needed with safety critical applications (ie lifts, hoists and cranes), it is essential to switch the brake on the DC side of the rectifier.

In such cases motor type N should be entered in column 19.

For larger frame sizes standard proprietary brake motors are available. For details contact Textron Power Transmission

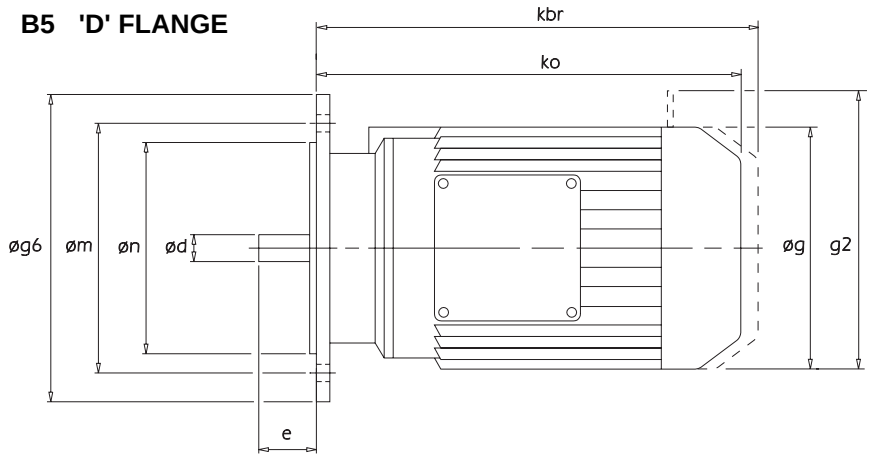
B14 'C' FACE

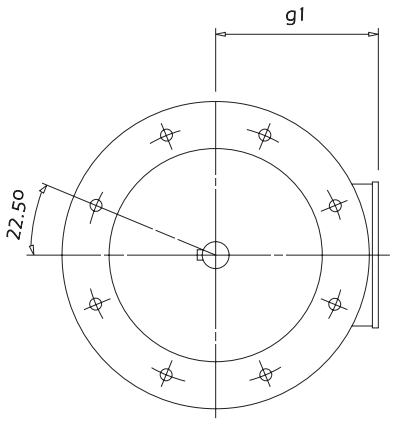




MOTOR FRAME SIZE	øg6	øm	øn	ød	e	ko	kbr	øg	g1	g2	FIXING BOLTS
71	105	85	70	14	30	210	251	137	107	167	4-M6
80	120	100	80	19	40	230	280	158	118	190	4-M6
90S/L	140	115	95	24	50	270	329	177	149	218	4-M8
100	160	130	110	28	60	340	408	197	159	238	4-M8
112	160	130	110	28	60	340	408	197	159	238	4-M8
132S/M	200	165	130	38	80	402	473	253	184	288	4-M10

B5 'D' FLANGE





MOTOR FRAME SIZE	øg6	øm	øn	ød	e	ko	kbr	øg	g1	g2	FIXING BOLTS
63	140	115	95	11	23	185	227	122	101	160	4-M8
71	160	130	110	14	30	210	251	137	107	167	4-M8
80	200	165	130	19	40	230	280	158	118	190	4-M10
90S/L	200	165	130	24	50	270	329	177	149	218	4-M10
100	250	215	180	28	60	340	408	197	159	238	4-M12
112	250	215	180	28	60	340	408	197	159	238	4-M12
132S/M	300	265	230	38	80	402	473	253	184	288	4-M12
160M/L	350	300	250	42	110	538	627*	314	230	397*	4-M16
180M	350	300	250	48	110	538	663*	314	257	452*	4-M16
180L	350	300	250	48	110	613	701*	354	257	452*	4-M16
200L	400	350	300	55	110	613	807*	354	257	549*	4-M16
225S/M	450	400	350	60	140	690	1105*	411	280	561*	8-M16

* Maximum dimension

These dimensions apply to Textron Power Transmission standard motors

0.12 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
158	8.59	6	13.44	2860	C 0 3 2 0 8 . 0 _ M _ - _ _ . 1 2 4 A _	14.5	63a	6 1 2 0 1 - 1 0 3 - _ _ _	38
117	11.61	8	10.86	2860	1 1 .				
103	13.20	9	9.93	2860	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
91	14.95	10	9.07	2860	1 4 .				
83	16.36	10	8.68	2860	1 6 .			6 1 2 0 1 - 1 0 3 - _ _ _	38
71	19.13	13	7.61	2860	1 8 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
66	20.61	14	7.21	2860	2 0 .				
62	22.11	13	7.10	2860	2 2 .				
54	25.14	15	6.50	2860	2 5 .				
48	28.48	16	5.98	2860	2 8 .				
40	33.71	22	5.03	2850	3 2 .				
37	36.43	21	5.04	2850	3 6 .				
35	39.26	22	4.80	2850	4 0 .				
30	45.50	30	4.05	2850	4 5 .				
26	53.31	35	3.63	2840	5 0 .				
24	56.19	32	3.74	2850	5 6 .				
21	64.21	36	3.42	2840	6 3 .				
18	74.55	48	2.98	2840	7 1 .				
16	82.83	53	2.76	2830	8 0 .				
16	86.67	48	2.89	2840	9 0 .				
13	101.54	55	2.57	2830	1 0 0				
12	114.33	72	2.06	2820	1 1 2				
10	129.94	82	1.78	2820	1 2 5				
10	142.00	75	1.96	2820	1 4 0				
8.6	157.78	83	1.78	2820	1 6 0				
6.2	217.78	113	1.31	2800	2 1 2				
5.5	247.50	127	1.16	2800	2 5 0				
13	105.36	65	2.26	2830	C 0 3 3 0 1 0 0 _ M _ - _ _ . 1 2 4 A _	18.5	63a	6 1 1 0 1 - 1 0 3 - _ _ _	38
11	120.39	75	1.99	2820	1 1 8				
8.4	162.50	100	1.49	2810	1 6 0				
7.1	190.38	116	1.27	2800	1 8 0				
6.8	200.68	103	1.45	2810	2 0 0				
5.9	229.32	116	1.27	2800	2 2 5				
5.1	266.25	161	0.92	2780	2 6 5				
4.6	295.83	178	0.84	2770	2 8 0			6 1 1 0 2 - 1 0 3 - _ _ _	42
4.4	309.52	154	0.96	2780	3 1 5			6 1 1 0 1 - 1 0 3 - _ _ _	38
3.8	362.64	179	0.83	2770	3 6 0			6 1 1 0 2 - 1 0 3 - _ _ _	42
16	82.83	53	3.56	5290	C 0 4 2 0 8 0 . _ M _ - _ _ . 1 2 4 A _	17.5	63a	6 1 1 0 2 - 1 0 6 - _ _ _	42
12	114.33	73	2.33	5290	1 1 2			6 1 1 0 1 - 1 0 6 - _ _ _	38
10	129.94	83	1.78	5290	1 2 5				
10	142.00	77	3.25	5290	1 4 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
8.6	157.78	85	3.01	5290	1 6 0				
6.2	217.78	115	2.33	5290	2 1 2			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.5	247.50	130	1.78	5280	2 5 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
13	105.36	67	3.04	5290	C 0 4 3 0 1 0 0 _ M _ - _ _ . 1 2 4 A _	20.5	63a	6 1 1 0 2 - 1 0 6 - _ _ _	42
11	120.39	76	2.66	5290	1 1 8				
8.4	162.50	102	1.97	5290	1 6 0				
7.1	190.38	118	1.69	5290	1 8 0				
6.8	200.68	105	2.61	5290	2 0 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.9	229.32	120	2.31	5290	2 2 5				
5.1	266.25	164	1.20	5270	2 6 5			6 1 1 0 2 - 1 0 6 - _ _ _	42
4.6	295.83	181	1.09	5270	2 8 0				
4.4	309.52	159	1.74	5280	3 1 5			6 1 1 0 3 - 1 0 6 - _ _ _	48
3.8	362.64	185	1.50	5270	3 6 0				
2.7	507.14	254	1.09	5240	5 0 0				
11	124.00	81	3.70	7440	C 0 5 2 0 1 2 5 _ M _ - _ _ . 1 2 4 A _	19.5	63a	6 1 1 0 3 - 1 0 8 - _ _ _	48
5.7	240.00	131	3.67	7440	2 5 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
8.5	160.26	103	3.82	7440	C 0 5 3 0 1 6 0 _ M _ - _ _ . 1 2 4 A _	22.5	63a	6 1 1 0 3 - 1 0 8 - _ _ _	48
7.2	187.76	120	3.27	7440	1 8 0				
5.9	229.81	125	3.85	7440	2 2 5			6 1 1 0 4 - 1 0 8 - _ _ _	60
5.2	262.58	165	2.34	7440	2 6 5			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.7	291.75	183	2.11	7440	2 8 0				
4.4	310.18	165	2.91	7440	3 1 5			6 1 1 0 4 - 1 0 8 - _ _ _	60
3.7	363.40	192	2.50	7440	3 6 0				
3.4	402.70	251	1.53	7440	4 0 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
3.0	457.66	285	1.34	7440	4 5 0				
2.7	508.21	264	1.82	7440	5 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
2.4	564.68	292	1.65	7440	5 6 0				
1.7	779.42	397	1.21	7430	8 0 0				
1.5	885.79	450	1.07	7420	9 0 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.12 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
5.1	265.95	178	3.72	11900	C 0 6 3 0 2 6 5 _ MC - _ _ . 1 2 4 A _	38.5	63a	6 1 1 0 4 - 1 1 0 - _ _ _	60
4.5	299.67	200	3.31	11800	2 8 0				
4.1	328.67	184	3.59	11900	3 1 5				
3.8	357.32	199	3.32	11900	3 6 0				
3.4	395.39	261	2.53	11800	4 0 0				
3.0	449.50	296	2.24	11800	4 5 0				
2.6	514.75	280	2.36	11800	5 0 0				
2.3	580.00	314	2.11	11800	5 6 0				
1.8	765.28	409	1.62	11700	8 0 0				
1.6	870.00	461	1.44	11700	9 0 0				
2.0	677.15	446	1.48	11482	C 0 6 4 0 6 3 0 _ MC - _ _ . 1 2 4 A _	48.5	63a	6 1 1 0 4 - 1 1 0 - _ _ _	60
1.8	736.19	484	1.37	11482	7 1 0				
1.7	816.20	533	1.24	11482	8 0 0				
1.6	871.44	568	1.17	11482	9 0 0				
1.3	1040.43	675	0.98	11482	1 0 C				
1.2	1110.85	719	0.92	11482	1 1 C			6 1 1 0 5 - 1 1 0 - _ _ _	70
3.4	395.39	261	3.24	9530	C 0 6 3 0 4 0 0 _ MJ - _ _ . 1 2 4 A _	38.5	63a	6 1 1 0 5 - 1 1 4 - _ _ _	70
3.0	449.50	296	2.85	9510	4 5 0				
2.3	580.00	316	3.95	9520	5 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
1.8	765.28	412	3.03	9470	8 0 0				
1.6	870.00	464	2.69	9440	9 0 0				
2.0	677.15	448	1.93	9145	C 0 6 4 0 6 3 0 _ MJ - _ _ . 1 2 4 A _	48.5	63a	6 1 1 0 5 - 1 1 4 - _ _ _	70
1.8	736.19	486	1.78	9145	7 1 0				
1.7	816.20	535	1.60	9154	8 0 0				
1.6	871.44	570	1.50	9154	9 0 0				
1.3	1040.43	679	1.26	9154	1 0 C				
1.2	1110.85	723	1.18	9154	1 1 C				
1.0	1324.84	860	0.99	9154	1 2 C				
.96	1414.52	917	0.93	9154	1 4 C				
2.7	499.88	321	3.95	29200	C 0 7 3 0 5 0 0 _ M _ - _ _ . 1 2 4 A _	88.5	63a	6 1 1 0 6 - 1 1 4 - _ _ _	80
2.5	547.35	350	3.62	29200	5 6 0				
1.8	747.66	471	2.67	29200	8 0 0				
1.6	838.50	526	2.39	29200	9 0 0				
1.7	791.70	541	2.47	26824	C 0 7 4 0 8 0 0 _ M _ - _ _ . 1 2 4 A _	92.5	63a	6 1 1 0 6 - 1 1 4 - _ _ _	80
1.6	860.72	587	2.28	26824	9 0 0				
1.3	1009.20	686	1.95	26824	1 0 C				
1.2	1097.19	744	1.80	26824	1 1 C				
1.1	1239.94	840	1.59	26824	1 2 C				
.97	1397.12	943	1.42	26824	1 4 C				
.86	1580.59	1064	1.26	26824	1 6 C				
.76	1780.94	1194	1.12	26824	1 8 C				
.69	1964.58	1313	1.02	26824	2 0 C				
.62	2185.71	1455	0.92	26824	2 2 C				
.55	2462.77	1634	0.82	26824	2 5 C				
1.2	1125.50	768	3.64	41656	C 0 8 4 0 1 1 C _ M _ - _ _ . 1 2 4 A _	150.5	63a	6 1 1 0 7 - 1 2 0 - _ _ _	90
1.1	1201.68	819	3.41	41656	1 2 C				
.95	1435.01	974	2.87	41656	1 4 C				
.89	1532.14	1039	2.69	41656	1 6 C				
.77	1758.40	1192	2.34	41656	1 8 C				
.71	1925.42	1303	2.14	41656	2 0 C				
.61	2241.96	1511	1.85	41656	2 2 C				
.55	2454.91	1652	1.69	41656	2 5 C				
.50	2698.66	1810	1.54	41656	2 8 C				
.41	3353.30	2239	1.25	41656	3 2 C				
.36	3760.71	2501	1.12	41656	3 6 C				
.34	4036.38	2677	1.04	41656	4 0 C				
.30	4526.79	2990	0.93	41656	4 5 C				
.70	1948.58	1345	3.68	53383	C 0 9 4 0 2 0 C _ M _ - _ _ . 1 2 4 A _	223.5	63a	6 1 1 0 8 - 1 2 4 - _ _ _	100
.62	2187.59	1495	3.37	53338	2 2 C				
.55	2484.44	1707	2.90	53383	2 5 C				
.46	2935.20	2001	2.52	53338	2 8 C				
.40	3417.75	2323	2.17	53338	3 2 C				
.36	3742.38	2540	1.99	53338	3 6 C				
.33	4113.96	2784	1.81	53338	4 0 C				
.30	4504.71	3043	1.66	53338	4 5 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.12 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
97	8.59	9	9.13	2860	C 0 3 2 0 8 . 0 _ M _ - _ _ . 1 2 6 A _	14.9	63b	6 1 2 0 1 - 1 0 3 - _ _ _	38
72	11.61	12	7.47	2860	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
63	13.20	14	6.76	2860	1 2 .				
56	14.95	16	6.19	2860	1 4 .				
51	16.36	15	6.01	2860	1 6 .				
44	19.13	20	5.16	2850	1 8 .				
41	20.61	22	4.90	2850	2 0 .				
38	22.11	21	4.91	2850	2 2 .				
33	25.14	23	4.48	2850	2 5 .				
29	28.48	26	4.12	2850	2 8 .				
25	33.71	36	3.45	2850	3 2 .				
23	36.43	33	3.46	2850	3 6 .				
21	39.26	36	3.29	2850	4 0 .				
18	45.50	48	2.86	2840	4 5 .				
16	53.31	56	2.59	2830	5 0 .				
15	56.19	51	2.57	2840	5 6 .				
13	64.21	57	2.34	2830	6 3 .				
11	74.55	77	1.93	2820	7 1 .				
10	82.83	85	1.75	2820	8 0 .				
10	86.67	76	1.96	2830	9 0 .				
8.2	101.54	88	1.69	2820	1 0 0				
7.3	114.33	116	1.28	2800	1 1 2				
6.4	129.94	131	1.13	2800	1 2 5				
5.9	142.00	120	1.23	2800	1 4 0				
5.3	157.78	133	1.12	2800	1 6 0				
3.8	217.78	181	0.82	2770	2 1 2			6 1 1 0 2 - 1 0 3 - _ _ _	42
7.9	105.36	106	1.40	2810	C 0 3 3 0 1 0 0 _ M _ - _ _ . 1 2 6 A _	18.9	63b	6 1 1 0 1 - 1 0 3 - _ _ _	38
6.9	120.39	120	1.23	2800	1 1 8				
5.1	162.50	161	0.92	2780	1 6 0				
4.2	200.68	164	0.91	2780	2 0 0				
16	53.31	56	3.62	5290	C 0 4 2 0 5 0 . _ M _ - _ _ . 1 2 6 A _	17.9	63b	6 1 1 0 2 - 1 0 6 - _ _ _	42
13	64.21	58	3.75	5290	6 3 .				
11	74.55	78	2.60	5290	7 1 .				
10	82.83	86	2.19	5290	8 0 .				
10	86.67	77	3.17	5290	9 0 .				
8.2	101.54	90	2.83	5290	1 0 0				
7.3	114.33	117	1.49	5290	1 1 2			6 1 1 0 1 - 1 0 6 - _ _ _	38
6.4	129.94	132	1.14	5280	1 2 5				
5.9	142.00	123	2.25	5290	1 4 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.3	157.78	136	2.04	5280	1 6 0				
3.8	217.78	184	1.49	5270	2 1 2				
3.4	247.50	207	1.14	5260	2 5 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
7.9	105.36	107	1.86	5290	C 0 4 3 0 1 0 0 _ M _ - _ _ . 1 2 6 A _	20.9	63b	6 1 1 0 2 - 1 0 6 - _ _ _	42
6.9	120.39	122	1.63	5290	1 1 8				
5.1	162.50	163	1.21	5280	1 6 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
4.4	190.38	190	1.04	5270	1 8 0				
4.2	200.68	168	1.65	5280	2 0 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
3.6	229.32	191	1.45	5270	2 2 5				
2.7	309.52	254	1.09	5250	3 1 5				
2.3	362.64	295	0.94	5240	3 6 0				
7.7	109.07	115	3.08	7440	C 0 5 2 0 1 1 2 _ M _ - _ _ . 1 2 6 A _	19.9	63b	6 1 1 0 3 - 1 0 8 - _ _ _	48
6.7	124.00	130	2.35	7440	1 2 5				
5.9	142.00	127	3.78	7440	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
5.2	160.00	142	3.38	7440	1 6 0				
4.0	211.11	185	2.59	7440	2 1 2				
3.5	240.00	209	2.30	7440	2 5 0				
8.0	103.90	109	3.61	7440	C 0 5 3 0 1 0 0 _ M _ - _ _ . 1 2 6 A _	22.9	63b	6 1 1 0 3 - 1 0 8 - _ _ _	48
7.0	118.73	124	3.16	7440	1 1 8				
5.2	160.26	166	2.35	7440	1 6 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.4	187.76	193	2.00	7440	1 8 0				
4.2	201.10	175	2.74	7440	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
3.6	229.81	199	2.41	7440	2 2 5				
3.2	262.58	268	1.44	7440	2 6 5			6 1 1 0 3 - 1 0 8 - _ _ _	48
2.9	291.75	295	1.30	7440	2 8 0				
2.7	310.18	264	1.82	7440	3 1 5			6 1 1 0 4 - 1 0 8 - _ _ _	60
2.3	363.40	307	1.57	7440	3 6 0				
2.1	402.70	407	0.94	7430	4 0 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
1.8	457.66	459	0.83	7420	4 5 0				
1.6	508.21	423	1.14	7430	5 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
1.5	564.68	468	1.03	7420	5 6 0				
6.7	124.00	137	3.79	11900	C 0 6 2 0 1 2 5 _ M C - _ _ . 1 2 6 A _	33.9	63b	6 1 1 0 4 - 1 1 0 - _ _ _	60
3.9	214.00	198	3.34	11900	2 1 2				
3.5	240.00	220	3.01	11900	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.12 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4.9	169.81	186	3.55	11900	C 0 6 3 0 1 6 0 _ MC - _ _ . 1 2 6 A _	38.9	63b	6 1 1 0 4 - 1 1 0 - _ _ _	60
4.5	184.62	202	3.28	11900	1 8 0				
3.1	265.95	287	2.30	11800	2 6 5				
2.8	299.67	322	2.06	11800	2 8 0				
2.5	328.67	294	2.25	11800	3 1 5				
2.3	357.32	318	2.08	11800	3 6 0				
2.1	395.39	421	1.57	11700	4 0 0				
1.9	449.50	478	1.38	11700	4 5 0				
1.6	514.75	448	1.48	11700	5 0 0				
1.4	580.00	502	1.32	11700	5 6 0				
1.1	765.28	653	1.01	11600	8 0 0				
.96	870.00	737	0.90	11500	9 0 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
1.2	677.15	719	0.92	11482	C 0 6 4 0 6 3 0 _ MC - _ _ . 1 2 6 A _	48.9	63b	6 1 1 0 5 - 1 1 0 - _ _ _	70
1.1	736.19	780	0.85	11482	7 1 0				
6.7	124.00	137	3.79	9620	C 0 6 2 0 1 2 5 _ MJ - _ _ . 1 2 6 A _	33.9	63b	6 1 1 0 4 - 1 1 4 - _ _ _	60
3.5	240.00	220	3.79	9580	2 5 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
3.1	265.95	287	2.94	9530	C 0 6 3 0 2 6 5 _ MJ - _ _ . 1 2 6 A _	38.9	63b	6 1 1 0 5 - 1 1 4 - _ _ _	70
2.8	299.67	322	2.62	9510	2 8 0				
2.3	357.32	320	3.90	9530	3 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
2.1	395.39	421	1.99	9460	4 0 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
1.9	449.50	478	1.75	9420	4 5 0				
1.6	514.75	451	2.77	9470	5 0 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
1.4	580.00	505	2.47	9430	5 6 0				
1.1	765.28	658	1.90	9360	8 0 0				
.96	870.00	743	1.68	9320	9 0 0				
1.2	677.15	724	1.19	9145	C 0 6 4 0 6 3 0 _ MJ - _ _ . 1 2 6 A _	48.9	63b	6 1 1 0 5 - 1 1 4 - _ _ _	70
1.1	736.19	786	1.10	9145	7 1 0				
1.0	816.20	866	0.99	9154	8 0 0				
.96	871.44	922	0.93	9154	9 0 0				
2.6	319.95	336	3.77	29200	C 0 7 3 0 3 1 5 _ M _ - _ _ . 1 2 6 A _	88.9	63b	6 1 1 0 6 - 1 1 4 - _ _ _	80
2.4	341.61	359	3.54	29200	3 6 0				
2.2	373.83	417	3.21	29200	4 0 0				
2.0	419.25	465	2.88	29200	4 5 0				
1.7	499.88	515	2.44	29200	5 0 0				
1.5	547.35	562	2.24	29200	5 6 0				
1.1	747.66	762	1.65	29200	8 0 0				
.00	838.50	852	1.48	29200	9 0 0				
1.1	791.70	876	1.53	26824	C 0 7 4 0 8 0 0 _ M _ - _ _ . 1 2 6 A _	92.9	63b	6 1 1 0 6 - 1 1 4 - _ _ _	80
.97	860.72	950	1.41	26824	9 0 0				
.83	1009.20	1109	1.21	26824	1 0 C				
.76	1097.19	1203	1.11	26824	1 1 C				
.67	1239.94	1357	0.99	26824	1 2 C				
.60	1397.12	1523	0.88	26824	1 4 C				
1.5	563.34	632	3.97	41712	C 0 8 4 0 5 6 0 _ M _ - _ _ . 1 2 6 A _	150.9	63b	6 1 1 0 7 - 1 2 0 - _ _ _	90
1.4	617.55	690	3.64	41712	6 3 0				
1.2	684.72	760	3.68	41656	7 1 0				
1.0	796.39	883	3.16	41656	8 0 0				
.96	873.02	964	2.90	41656	9 0 0				
.82	1015.39	1119	2.50	41656	1 0 C				
.74	1125.50	1244	2.25	41656	1 1 C				
.69	1201.68	1327	2.11	41656	1 2 C				
.58	1435.01	1575	1.77	41656	1 4 C				
.54	1532.14	1680	1.66	41656	1 6 C				
.47	1758.40	1928	1.45	41656	1 8 C				
.43	1925.42	2107	1.33	41656	2 0 C				
.37	2241.96	2439	1.15	41656	2 2 C				
.34	2454.91	2664	1.05	41656	2 5 C				
.31	2698.66	2915	0.96	41656	2 8 C				
.74	1125.21	1265	3.92	53383	C 0 9 4 0 1 1 C _ M _ - _ _ . 1 2 6 A _	223.9	63b	6 1 1 0 8 - 1 2 4 - _ _ _	100
.69	1214.05	1355	3.72	53338	1 2 C				
.63	1331.65	1498	3.31	53383	1 4 C				
.53	1590.21	1781	2.78	53383	1 6 C				
.46	1831.90	2038	2.48	53338	1 8 C				
.43	1948.58	2179	2.27	53383	2 0 C				
.38	2187.59	2422	2.08	53338	2 2 C				
.34	2484.44	2762	1.79	53383	2 5 C				
.28	2935.20	3242	1.56	53338	2 8 C				
.24	3417.75	3759	1.34	53338	3 2 C				
.22	3742.38	4109	1.23	53338	3 6 C				
.20	4113.96	4500	1.12	53338	4 0 C				
.19	4504.71	4917	1.03	53338	4 5 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.18 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
158	8.59	9	8.96	2858	C 0 3 2 0 8 . 0 _ M _ - _ _ . 1 8 4 A _	14.9	63b	6 1 2 0 1 - 1 0 3 - _ _ _	38
117	11.61	12	7.24	2857	1 1 .				
103	13.20	13	6.62	2857	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
91	14.95	15	6.04	2857	1 4 .				
83	16.36	15	5.78	2856	1 6 .			6 1 2 0 1 - 1 0 3 - _ _ _	38
71	19.13	19	5.07	2856	1 8 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
66	20.61	21	4.81	2856	2 0 .				
62	22.11	19	4.73	2856	2 2 .				
54	25.14	22	4.33	2855	2 5 .				
48	28.48	25	3.99	2855	2 8 .				
40	33.71	33	3.36	2844	3 2 .				
37	36.43	31	3.36	2844	3 6 .				
35	39.26	34	3.20	2844	4 0 .				
30	45.50	45	2.70	2841	4 5 .				
26	53.31	52	2.42	2831	5 0 .				
24	56.19	48	2.50	2841	5 6 .				
21	64.21	54	2.28	2830	6 3 .				
18	74.55	72	1.99	2825	7 1 .				
16	82.83	79	1.84	2818	8 0 .				
16	86.67	72	1.93	2825	9 0 .				
13	101.54	83	1.71	2816	1 0 0				
12	114.33	108	1.37	2801	1 1 2				
10	129.94	123	1.19	2796	1 2 5				
10	142.00	113	1.31	2801	1 4 0				
8.6	157.78	125	1.19	2796	1 6 0				
6.2	217.78	170	0.88	2770	2 1 2				
13	105.36	98	1.51	2810	C 0 3 3 0 1 0 0 _ M _ - _ _ . 1 8 4 A _	18.9	63b	6 1 1 0 1 - 1 0 3 - _ _ _	38
11	120.39	112	1.32	2801	1 1 8				
8.4	162.50	150	0.99	2782	1 6 0				
7.1	190.38	175	0.85	2770	1 8 0				
6.8	200.68	154	0.96	2780	2 0 0				
5.9	229.32	175	0.85	2770	2 2 5				
26	53.31	53	3.94	5286	C 0 4 2 0 5 0 . _ M _ - _ _ . 1 8 4 A _	17.9	63b	6 1 1 0 2 - 1 0 6 - _ _ _	42
24	56.19	49	3.99	5287	5 6 .				
21	64.21	55	3.64	5286	6 3 .				
18	74.55	72	2.82	5284	7 1 .				
16	82.83	80	2.38	5284	8 0 .				
16	86.67	73	3.08	5287	9 0 .				
13	101.54	85	2.75	5285	1 0 0				
12	114.33	110	1.55	5280	1 1 2			6 1 1 0 1 - 1 0 6 - _ _ _	38
10	129.94	124	1.19	5278	1 2 5				
10	142.00	116	2.17	5280	1 4 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
8.6	157.78	128	2.01	5278	1 6 0				
6.2	217.78	173	1.55	5271	2 1 2			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.5	247.50	196	1.19	5261	2 5 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
13	105.36	100	2.03	5281	C 0 4 3 0 1 0 0 _ M _ - _ _ . 1 8 4 A _	20.9	63b	6 1 1 0 2 - 1 0 6 - _ _ _	42
11	120.39	114	1.77	5280	1 1 8				
8.4	162.50	153	1.31	5275	1 6 0				
7.1	190.38	177	1.13	5270	1 8 0				
6.8	200.68	158	1.74	5275	2 0 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.9	229.32	180	1.54	5271	2 2 5				
5.1	266.25	246	0.80	5246	2 6 5			6 1 1 0 2 - 1 0 6 - _ _ _	42
4.4	309.52	239	1.16	5250	3 1 5			6 1 1 0 3 - 1 0 6 - _ _ _	48
3.8	362.64	277	1.00	5240	3 6 0				
12	109.07	107	3.23	7438	C 0 5 2 0 1 1 2 _ M _ - _ _ . 1 8 4 A _	19.9	63b	6 1 1 0 3 - 1 0 8 - _ _ _	48
11	124.00	121	2.46	7438	1 2 5				
8.5	160.00	134	3.58	7436	1 6 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
6.4	211.11	174	2.76	7433	2 1 2				
5.7	240.00	196	2.45	7437	2 5 0				
13	103.90	102	3.92	7436	C 0 5 3 0 1 0 0 _ M _ - _ _ . 1 8 4 A _	22.9	63b	6 1 1 0 3 - 1 0 8 - _ _ _	48
11	118.73	116	3.43	7435	1 1 8				
8.5	160.26	155	2.55	7434	1 6 0				
7.2	187.76	180	2.18	7434	1 8 0				
6.8	201.10	165	2.92	7435	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
5.9	229.81	187	2.57	7434	2 2 5				
5.2	262.58	248	1.56	7432	2 6 5			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.7	291.75	275	1.41	7430	2 8 0				
4.4	310.18	248	1.94	7432	3 1 5			6 1 1 0 4 - 1 0 8 - _ _ _	60
3.7	363.40	289	1.67	7428	3 6 0				
3.4	402.70	376	1.02	7421	4 0 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
3.0	457.66	428	0.90	7416	4 5 0				
2.7	508.21	397	1.21	7421	5 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
2.4	564.68	438	1.10	7420	5 6 0				
1.7	779.42	596	0.81	7390	8 0 0				
6.4	214.00	187	3.54	11861	C 0 6 2 0 2 1 2 _ M C - _ _ . 1 8 4 A _	33.9	63b	6 1 1 0 4 - 1 1 0 - _ _ _	60
5.7	240.00	208	3.18	11852	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.18 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
8.0	169.81	173	3.82	11861	C 0 6 3 0 1 6 0 _ MC - _ _ . 1 8 4 A _	38.9	63b	6 1 1 0 4 - 1 1 0 - _ _ _	60
7.4	184.62	188	3.52	11852	1 8 0				
5.1	265.95	267	2.48	11830	2 6 5				
4.5	299.67	300	2.21	11728	2 8 0				
4.1	328.67	277	2.39	11828	3 1 5				
3.8	357.32	299	2.21	11828	3 6 0				
3.4	395.39	392	1.69	11704	4 0 0				
3.0	449.50	444	1.49	11661	4 5 0				
2.6	514.75	421	1.57	11707	5 0 0				
2.3	580.00	471	1.41	11707	5 6 0				
1.8	765.28	614	1.08	11600	8 0 0				
1.6	870.00	691	0.96	11500	9 0 0				
2.0	677.15	669	0.99	11482	C 0 6 4 0 6 3 0 _ MC - _ _ . 1 8 4 A _	48.9	63b	6 1 1 0 4 - 1 1 0 - _ _ _	60
1.8	736.19	726	0.91	11482	7 1 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
1.7	816.20	800	0.83	11482	8 0 0				
5.1	265.95	267	3.20	9526	C 0 6 3 0 2 6 5 _ MJ - _ _ . 1 8 4 A _	38.9	63b	6 1 1 0 5 - 1 1 4 - _ _ _	70
4.5	299.67	300	2.85	9510	2 8 0				
3.8	357.32	301	3.98	9527	3 6 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
3.4	395.39	392	2.16	9453	4 0 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
3.0	449.50	444	1.90	9422	4 5 0				
2.6	514.75	424	2.94	9466	5 0 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
2.3	580.00	475	2.63	9432	5 6 0				
1.8	765.28	618	2.02	9360	8 0 0				
1.6	870.00	697	1.79	9310	9 0 0				
2.0	677.15	672	1.29	9145	C 0 6 4 0 6 3 0 _ MJ - _ _ . 1 8 4 A _	48.9	63b	6 1 1 0 5 - 1 1 4 - _ _ _	70
1.8	736.19	730	1.18	9145	7 1 0				
1.7	816.20	803	1.07	9154	8 0 0				
1.6	871.44	856	1.00	9154	9 0 0				
1.3	1040.43	1018	0.84	9154	1 0 C				
4.0	341.61	333	3.81	28143	C 0 7 3 0 3 6 0 _ M _ - _ _ . 1 8 4 A _	88.9	63b	6 1 1 0 6 - 1 1 4 - _ _ _	80
3.6	373.83	387	3.46	27930	4 0 0				
3.2	419.25	432	3.10	29161	4 5 0				
2.7	499.88	482	2.63	29152	5 0 0				
2.5	547.35	526	2.41	29152	5 6 0				
1.8	747.66	707	1.78	29130	8 0 0				
1.6	838.50	790	1.59	29116	9 0 0				
1.7	791.70	811	1.65	26824	C 0 7 4 0 8 0 0 _ M _ - _ _ . 1 8 4 A _	92.9	63b	6 1 1 0 6 - 1 1 4 - _ _ _	80
1.6	860.72	881	1.52	26824	9 0 0				
1.3	1009.20	1029	1.30	26824	1 0 C				
1.2	1097.19	1117	1.20	26824	1 1 C				
1.1	1239.94	1260	1.06	26824	1 2 C				
.97	1397.12	1415	0.95	26824	1 4 C				
.86	1580.59	1596	0.84	26824	1 6 C				
2.2	617.55	639	3.93	41712	C 0 8 4 0 6 3 0 _ M _ - _ _ . 1 8 4 A _	150.9	63b	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.0	684.72	704	3.97	41656	7 1 0				
1.7	796.39	818	3.42	41656	8 0 0				
1.6	873.02	893	3.13	41656	9 0 0				
1.3	1015.39	1038	2.69	41656	1 0 C				
1.2	1125.50	1152	2.43	41656	1 1 C				
1.1	1201.68	1229	2.27	41656	1 2 C				
.95	1435.01	1462	1.91	41656	1 4 C				
.89	1532.14	1559	1.79	41656	1 6 C				
.77	1758.40	1789	1.56	41656	1 8 C				
.71	1925.42	1955	1.43	41656	2 0 C				
.61	2241.96	2267	1.23	41656	2 2 C				
.55	2454.91	2478	1.13	41656	2 5 C				
.50	2698.66	2715	1.03	41656	2 8 C				
.41	3353.30	3358	0.83	41656	3 2 C			6 1 1 0 8 - 1 2 0 - _ _ _	100
1.0	1331.65	1385	3.58	53383	C 0 9 4 0 1 4 C _ M _ - _ _ . 1 8 4 A _	223.9	63b	6 1 1 0 8 - 1 2 4 - _ _ _	100
.86	1590.21	1649	3.00	53383	1 6 C				
.74	1831.90	1885	2.68	53338	1 8 C				
.70	1948.58	2017	2.46	53383	2 0 C				
.62	2187.59	2243	2.25	53338	2 2 C				
.55	2484.44	2560	1.94	53383	2 5 C				
.46	2935.20	3002	1.68	53338	2 8 C				
.40	3417.75	3485	1.45	53338	3 2 C				
.36	3742.38	3810	1.32	53338	3 6 C				
.33	4113.96	4176	1.21	53338	4 0 C				
.30	4504.71	4565	1.10	53338	4 5 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.18 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
98	8.59	14	6.12	2857	C 0 3 2 0 8 . 0 _ M _ - _ _ . 1 8 6 A _	16.8	71a	6 1 2 0 1 - 1 0 3 - _ _ _	38
72	11.61	19	5.01	2856	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
64	13.20	21	4.53	2856	1 2 .				
56	14.95	24	4.15	2855	1 4 .				
51	16.36	23	4.03	2855	1 6 .				
44	19.13	31	3.46	2845	1 8 .				
41	20.61	33	3.29	2844	2 0 .				
38	22.11	31	3.29	2845	2 2 .				
33	25.14	35	3.00	2844	2 5 .				
29	28.48	40	2.76	2843	2 8 .				
25	33.71	54	2.31	2840	3 2 .				
23	36.43	50	2.32	2841	3 6 .				
21	39.26	54	2.21	2840	4 0 .				
18	45.50	71	1.92	2827	4 5 .				
16	53.31	83	1.74	2816	5 0 .				
15	56.19	76	1.72	2827	5 6 .				
13	64.21	85	1.57	2816	6 3 .				
11	74.55	115	1.29	2800	7 1 .				
10	82.83	127	1.17	2798	8 0 .				
10	86.67	113	1.31	2810	9 0 .				
8.3	101.54	131	1.13	2796	1 0 0				
7.3	114.33	174	0.86	2772	1 1 2				
5.9	142.00	180	0.83	2772	1 4 0			6 1 1 0 2 - 1 0 3 - _ _ _	42
8.0	105.36	158	0.94	2135	C 0 3 3 0 1 0 0 _ M _ - _ _ . 1 8 6 A _	19.8	71a	6 1 1 0 1 - 1 0 3 - _ _ _	38
7.0	120.39	180	0.83	2772	1 1 8			6 1 1 0 2 - 1 0 3 - _ _ _	42
25	33.71	54	3.83	5286	C 0 4 2 0 3 2 . _ M _ - _ _ . 1 8 6 A _	19.8	71a	6 1 1 0 2 - 1 0 6 - _ _ _	42
23	36.43	51	3.71	5286	3 6 .				
21	39.26	55	3.53	5286	4 0 .				
18	45.50	72	2.84	5285	4 5 .				
16	53.31	84	2.43	5284	5 0 .				
15	56.19	77	2.76	5285	5 6 .				
13	64.21	87	2.51	5283	6 3 .				
11	74.55	116	1.75	5281	7 1 .				
10	82.83	128	1.47	5278	8 0 .				
10	86.67	116	2.13	5280	9 0 .				
8.3	101.54	134	1.90	5278	1 0 0				
7.3	114.33	175	1.00	5273	1 1 2			6 1 1 0 1 - 1 0 6 - _ _ _	38
5.9	142.00	183	1.51	5273	1 4 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.3	157.78	202	1.37	5263	1 6 0				
3.9	217.78	274	1.00	5246	2 1 2				
8.0	105.36	160	1.25	5276	C 0 4 3 0 1 0 0 _ M _ - _ _ . 1 8 6 A _	22.8	71a	6 1 1 0 2 - 1 0 6 - _ _ _	42
7.0	120.39	182	1.09	5273	1 1 8				
5.2	162.50	243	0.81	5256	1 6 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
4.2	200.68	251	1.10	5256	2 0 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
3.7	229.32	285	0.97	5242	2 2 5				
11	73.37	117	3.40	7436	C 0 5 2 0 7 1 . _ M _ - _ _ . 1 8 6 A _	22.8	71a	6 1 1 0 3 - 1 0 8 - _ _ _	48
10	82.67	131	2.98	7435	8 0 .				
9.3	90.67	125	3.85	7435	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
8.5	98.57	135	3.56	7435	1 0 0				
7.7	109.07	172	2.07	7434	1 1 2			6 1 1 0 3 - 1 0 8 - _ _ _	48
6.8	124.00	194	1.58	7434	1 2 5				
5.9	142.00	190	2.53	7434	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
5.3	160.00	212	2.27	7431	1 6 0				
4.0	211.11	276	1.74	6731	2 1 2				
3.5	240.00	311	1.55	7428	2 5 0				
8.1	103.90	163	2.42	7037	C 0 5 3 0 1 0 0 _ M _ - _ _ . 1 8 6 A _	26.8	71a	6 1 1 0 3 - 1 0 8 - _ _ _	48
7.1	118.73	185	2.12	6984	1 1 8				
5.2	160.26	247	1.58	6731	1 6 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.5	187.76	289	1.34	7427	1 8 0				
4.2	201.10	262	1.84	7430	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
3.7	229.81	297	1.62	7427	2 2 5				
3.2	262.58	400	0.96	7420	2 6 5			6 1 1 0 3 - 1 0 8 - _ _ _	48
2.9	291.75	441	0.87	7418	2 8 0				
2.7	310.18	395	1.22	7423	3 1 5			6 1 1 0 4 - 1 0 8 - _ _ _	60
2.3	363.40	459	1.05	7094	3 6 0				
7.6	110.57	184	3.59	11857	C 0 6 2 0 1 1 2 _ MC - _ _ . 1 8 6 A _	35.8	71a	6 1 1 0 4 - 1 1 0 - _ _ _	60
6.8	124.00	205	2.54	11852	1 2 5				
5.9	143.08	203	3.26	11861	1 4 0				
5.4	156.67	221	2.99	11852	1 6 0				
3.9	214.00	295	2.24	11833	2 1 2				
3.5	240.00	328	2.02	11823	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.18 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4.9	169.81	278	2.38	11833	C 0 6 3 0 1 6 0 _ MC - _ _ . 1 8 6 A _	40.8	71a	6 1 1 0 4 - 1 1 0 - _ _ _	60
4.5	184.62	301	2.20	11823	1 8 0				
3.2	265.95	428	1.55	11702	2 6 5				
2.8	299.67	480	1.38	11680	2 8 0				
2.6	328.67	438	1.51	11704	3 1 5				
2.4	357.32	475	1.40	11704	3 6 0				
2.1	395.39	628	1.05	11556	4 0 0				
1.9	449.50	714	0.93	11515	4 5 0				
1.6	514.75	668	0.99	11561	5 0 0				
1.4	580.00	749	0.88	11515	5 6 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
7.6	110.57	184	3.91	9595	C 0 6 2 0 1 1 2 _ MJ - _ _ . 1 8 6 A _	35.8	71a	6 1 1 0 5 - 1 1 4 - _ _ _	70
6.8	124.00	205	2.54	9580	1 2 5			6 1 1 0 4 - 1 1 4 - _ _ _	60
5.4	156.67	221	3.84	9582	1 6 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
3.9	214.00	295	2.87	9537	2 1 2				
3.5	240.00	329	2.54	9520	2 5 0				
4.9	169.81	278	3.08	9537	C 0 6 3 0 1 6 0 _ MJ - _ _ . 1 8 6 A _	40.8	71a	6 1 1 0 5 - 1 1 4 - _ _ _	70
4.5	184.62	302	2.83	9523	1 8 0				
3.2	265.95	429	1.97	9450	2 6 5				
2.8	299.67	480	1.75	9421	2 8 0				
2.6	328.67	441	2.83	9465	3 1 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
2.4	357.32	477	2.62	9448	3 6 0				
2.1	395.39	629	1.33	9342	4 0 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
1.9	449.50	713	1.17	9290	4 5 0				
1.6	514.75	673	1.86	9350	5 0 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
1.4	580.00	754	1.66	9300	5 6 0				
1.1	765.28	981	1.27	9190	8 0 0				
.97	870.00	1108	1.13	9120	9 0 0				
1.2	677.15	1080	0.80	9145	C 0 6 4 0 6 3 0 _ MJ - _ _ . 1 8 6 A _	50.8	71a	6 1 2 0 6 - 1 1 4 - _ _ _	80
3.7	226.39	358	3.54	29180	C 0 7 3 0 2 2 5 _ M _ - _ _ . 1 8 6 A _	90.8	71a	6 1 1 0 6 - 1 1 4 - _ _ _	80
3.4	249.94	420	3.18	29171	2 6 5				
3.1	273.68	459	2.92	29161	2 8 0				
2.6	319.95	502	2.53	29161	3 1 5				
2.5	341.61	535	2.37	29152	3 6 0				
2.2	373.83	622	2.15	29144	4 0 0				
2.0	419.25	694	1.93	29144	4 5 0				
1.7	499.88	769	1.64	29130	5 0 0				
1.5	547.35	838	1.50	29116	5 6 0				
1.1	747.66	1136	1.11	29080	8 0 0				
1.0	838.50	1270	0.99	29056	9 0 0				
1.1	791.70	1306	1.02	26824	C 0 7 4 0 8 0 0 _ M _ - _ _ . 1 8 6 A _	94.8	71a	6 1 1 0 6 - 1 1 4 - _ _ _	80
.98	860.72	1417	0.94	26824	9 0 0				
.83	1009.20	1653	0.81	26824	1 0 C				
2.1	402.47	644	3.83	41712	C 0 8 4 0 4 0 0 _ M _ - _ _ . 1 8 6 A _	152.8	71a	6 1 1 0 7 - 1 2 0 - _ _ _	90
1.9	441.20	703	3.51	41712	4 5 0				
1.7	484.35	812	3.10	41712	5 0 0				
1.5	563.34	943	2.67	41712	5 6 0				
1.4	617.55	1029	2.44	41712	6 3 0				
1.2	684.72	1134	2.46	41656	7 1 0				
1.1	796.39	1317	2.12	41656	8 0 0				
.96	873.02	1437	1.94	41656	9 0 0				
.83	1015.39	1669	1.67	41656	1 0 C				
.75	1125.50	1854	1.51	41656	1 1 C				
.70	1201.68	1978	1.41	41656	1 2 C				
.59	1435.01	2349	1.19	41656	1 4 C				
.55	1532.14	2506	1.12	41656	1 6 C				
.48	1758.40	2875	0.97	41656	1 8 C				
.44	1925.42	3141	0.89	41656	2 0 C				
1.1	758.78	1279	3.87	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 1 8 6 A _	225.8	71a	6 1 1 0 8 - 1 2 4 - _ _ _	100
.95	882.52	1486	3.33	53383	9 0 0				
.87	967.44	1624	3.05	53383	1 0 C				
.75	1125.21	1886	2.63	53383	1 1 C				
.69	1214.05	2021	2.50	53338	1 2 C				
.63	1331.65	2234	2.22	53383	1 4 C				
.53	1590.21	2656	1.87	53383	1 6 C				
.46	1831.90	3039	1.66	53338	1 8 C				
.43	1948.58	3250	1.52	53383	2 0 C				
.38	2187.59	3612	1.40	53338	2 2 C				
.34	2484.44	4119	1.20	53383	2 5 C				
.29	2935.20	4835	1.04	53338	2 8 C				
.25	3417.75	5605	0.90	53338	3 2 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
.22	3742.38	6126	0.82	53338	3 6 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.25 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
159	8.59	12	6.50	2856	C 0 3 2 0 8 . 0 _ M _ - _ _ . 2 5 4 A _	16.3	71a	6 1 2 0 1 - 1 0 3 - _ _ _	38
118	11.61	16	5.25	2855	1 1 .				
104	13.20	18	4.80	2854	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
92	14.95	21	4.38	2854	1 4 .				
84	16.36	20	4.20	2853	1 6 .			6 1 2 0 1 - 1 0 3 - _ _ _	38
72	19.13	27	3.68	2852	1 8 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
66	20.61	28	3.49	2852	2 0 .				
62	22.11	27	3.43	2852	2 2 .				
54	25.14	31	3.14	2849	2 5 .				
48	28.48	34	2.89	2849	2 8 .				
41	33.71	46	2.43	2837	3 2 .				
38	36.43	43	2.44	2837	3 6 .				
35	39.26	47	2.32	2837	4 0 .				
30	45.50	62	1.96	2831	4 5 .				
26	53.31	72	1.75	2821	5 0 .				
24	56.19	66	1.81	2831	5 6 .				
21	64.21	75	1.65	2818	6 3 .				
18	74.55	99	1.44	2808	7 1 .				
17	82.83	110	1.33	2804	8 0 .				
16	86.67	99	1.40	2808	9 0 .				
13	101.54	115	1.24	2800	1 0 0				
12	114.33	149	0.99	2780	1 1 2				
11	129.94	170	0.86	2770	1 2 5				
10	142.00	157	0.95	2780	1 4 0				
8.7	157.78	172	0.86	2770	1 6 0				
13	105.36	136	1.09	2788	C 0 3 3 0 1 0 0 _ M _ - _ _ . 2 5 4 A _	19.3	71a	6 1 1 0 1 - 1 0 3 - _ _ _	38
11	120.39	155	0.96	2780	1 1 8				
38	36.43	45	3.89	5286	C 0 4 2 0 3 6 . _ M _ - _ _ . 2 5 4 A _	19.3	71a	6 1 1 0 1 - 1 0 6 - _ _ _	38
35	39.26	48	3.70	5286	4 0 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
30	45.50	62	3.28	5285	4 5 .				
26	53.31	73	2.86	5281	5 0 .				
24	56.19	67	2.89	5283	5 6 .				
21	64.21	76	2.64	5281	6 3 .				
18	74.55	100	2.05	5277	7 1 .				
17	82.83	111	1.72	5277	8 0 .				
16	86.67	101	2.24	5284	9 0 .				
13	101.54	117	2.00	5279	1 0 0				
12	114.33	151	1.13	5269	1 1 2			6 1 1 0 1 - 1 0 6 - _ _ _	38
11	129.94	171	0.86	5264	1 2 5				
10	142.00	160	1.57	5269	1 4 0			6 1 1 0 2 - 1 0 6 - _ _ _	42
8.7	157.78	176	1.46	5264	1 6 0				
6.3	217.78	239	1.13	5250	2 1 2			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.5	247.50	270	0.86	5240	2 5 0				
13	105.36	138	1.47	5271	C 0 4 3 0 1 0 0 _ M _ - _ _ . 2 5 4 A _	22.3	71a	6 1 1 0 2 - 1 0 6 - _ _ _	42
11	120.39	157	1.28	5268	1 1 8				
8.4	162.50	211	0.95	5258	1 6 0				
7.2	190.38	244	0.82	5248	1 8 0				
6.8	200.68	218	1.26	5258	2 0 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
6.0	229.32	248	1.12	5250	2 2 5				
17	82.67	114	3.50	7436	C 0 5 2 0 8 0 . _ M _ - _ _ . 2 5 4 A _	22.3	71a	6 1 1 0 3 - 1 0 8 - _ _ _	48
13	109.07	148	2.34	7435	1 1 2				
11	124.00	167	1.79	7436	1 2 5				
10	142.00	166	2.90	7436	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
8.6	160.00	185	2.60	7431	1 6 0				
6.5	211.11	241	2.00	7425	2 1 2				
5.7	240.00	271	1.78	7434	2 5 0				
13	103.90	140	2.85	7433	C 0 5 3 0 1 0 0 _ M _ - _ _ . 2 5 4 A _	26.3	71a	6 1 1 0 3 - 1 0 8 - _ _ _	48
12	118.73	160	2.49	7430	1 1 8				
8.5	160.26	213	1.85	7427	1 6 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
7.3	187.76	248	1.58	7427	1 8 0				
6.8	201.10	227	2.12	7430	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
6.0	229.81	258	1.86	7427	2 2 5				
5.2	262.58	343	1.13	7424	2 6 5			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.7	291.75	380	1.02	7419	2 8 0				
4.4	310.18	342	1.41	7424	3 1 5			6 1 1 0 4 - 1 0 8 - _ _ _	60
3.8	363.40	398	1.21	7414	3 6 0				
2.7	508.21	547	0.88	7400	5 0 0				
11	124.00	177	2.99	11838	C 0 6 2 0 1 2 5 _ M C - _ _ . 2 5 4 A _	35.3	71a	6 1 1 0 4 - 1 1 0 - _ _ _	60
10	143.08	177	3.73	11838	1 4 0				
8.7	156.67	193	3.43	11838	1 6 0				
6.4	214.00	257	2.57	11817	2 1 2				
5.7	240.00	287	2.31	11796	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.25 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
8.1	169.81	239	2.77	11817	C 0 6 3 0 1 6 0 _ MC - _ _ . 2 5 4 A _	40.3	71a	6 1 1 0 4 - 1 1 0 - _ _ _	60
7.4	184.62	259	2.55	11796	1 8 0				
5.2	265.95	368	1.80	11748	2 6 5				
4.6	299.67	413	1.60	11644	2 8 0				
4.2	328.67	382	1.73	11744	3 1 5				
3.8	357.32	412	1.61	11744	3 6 0				
3.5	395.39	541	1.22	11592	4 0 0				
3.0	449.50	613	1.08	11500	4 5 0				
2.7	514.75	580	1.14	11600	5 0 0				
2.4	580.00	649	1.02	11600	5 6 0				
11	124.00	177	2.99	9578	C 0 6 2 0 1 2 5 _ MJ - _ _ . 2 5 4 A _	35.3	71a	6 1 1 0 4 - 1 1 4 - _ _ _	60
6.4	214.00	258	3.29	9555	2 1 2			6 1 1 0 5 - 1 1 4 - _ _ _	70
5.7	240.00	287	2.96	9537	2 5 0				
8.1	169.81	240	3.62	9555	C 0 6 3 0 1 6 0 _ MJ - _ _ . 2 5 4 A _	40.3	71a	6 1 1 0 5 - 1 1 4 - _ _ _	70
7.4	184.62	259	3.33	9539	1 8 0				
5.2	265.95	369	2.32	9465	2 6 5				
4.6	299.67	413	2.06	9440	2 8 0				
4.2	328.67	384	3.04	9485	3 1 5			6 1 2 0 6 - 1 1 4 - _ _ _	80
3.8	357.32	416	2.88	9465	3 6 0				
3.5	395.39	541	1.56	9363	4 0 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
3.0	449.50	613	1.38	9320	4 5 0				
2.7	514.75	585	2.14	9380	5 0 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
2.4	580.00	654	1.91	9330	5 6 0				
2.0	677.15	927	0.93	9145	C 0 6 4 0 6 3 0 _ MJ - _ _ . 2 5 4 A _	50.3	71a	6 1 1 0 5 - 1 1 4 - _ _ _	70
1.9	736.19	1006	0.86	9145	7 1 0				
6.1	226.39	310	3.93	29162	C 0 7 3 0 2 2 5 _ M _ - _ _ . 2 5 4 A _	90.3	71a	6 1 2 0 6 - 1 1 4 - _ _ _	80
5.5	249.94	361	3.70	29152	2 6 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.0	273.68	395	3.39	29143	2 8 0				
4.3	319.95	431	2.94	28013	3 1 5				
4.0	341.61	459	2.76	26909	3 6 0				
3.7	373.83	533	2.51	26449	4 0 0				
3.3	419.25	596	2.24	29117	4 5 0				
2.7	499.88	665	1.91	29096	5 0 0				
2.5	547.35	725	1.75	29096	5 6 0				
1.8	747.66	974	1.29	29048	8 0 0				
1.6	838.50	1089	1.16	29018	9 0 0				
1.7	791.70	1119	1.20	26824	C 0 7 4 0 8 0 0 _ M _ - _ _ . 2 5 4 A _	94.3	71a	6 1 1 0 6 - 1 1 4 - _ _ _	80
1.6	860.72	1215	1.10	26824	9 0 0				
1.4	1009.20	1419	0.94	26824	1 0 C				
1.2	1097.19	1540	0.87	26824	1 1 C				
2.8	484.35	694	3.62	41712	C 0 8 4 0 5 0 0 _ M _ - _ _ . 2 5 4 A _	152.3	71a	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.4	563.34	807	3.11	41712	5 6 0				
2.2	617.55	882	2.85	41712	6 3 0				
2.0	684.72	970	2.88	41656	7 1 0				
1.7	796.39	1127	2.48	41656	8 0 0				
1.6	873.02	1232	2.27	41656	9 0 0				
1.3	1015.39	1431	1.95	41656	1 0 C				
1.2	1125.50	1589	1.76	41656	1 1 C				
1.1	1201.68	1695	1.65	41656	1 2 C				
.95	1435.01	2015	1.39	41656	1 4 C				
.89	1532.14	2150	1.30	41656	1 6 C				
.78	1758.40	2466	1.13	41656	1 8 C				
.71	1925.42	2696	1.04	41656	2 0 C				
.61	2241.96	3126	0.89	41656	2 2 C				
.56	2454.91	3417	0.82	41656	2 5 C			6 1 1 0 8 - 1 2 0 - _ _ _	100
1.6	882.52	1270	3.90	53383	C 0 9 4 0 9 0 0 _ M _ - _ _ . 2 5 4 A _	225.3	71a	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.4	967.44	1388	3.57	53383	1 0 C				
1.2	1125.21	1613	3.07	53383	1 1 C				
1.1	1214.05	1728	2.92	53338	1 2 C				
1.0	1331.65	1910	2.59	53383	1 4 C				
.86	1590.21	2273	2.18	53383	1 6 C				
.75	1831.90	2599	1.94	53338	1 8 C				
.70	1948.58	2781	1.78	53383	2 0 C				
.63	2187.59	3093	1.63	53338	2 2 C				
.55	2484.44	3530	1.40	53383	2 5 C				
.47	2935.20	4140	1.22	53338	2 8 C				
.40	3417.75	4805	1.05	53338	3 2 C				
.37	3742.38	5253	0.96	53338	3 6 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
.33	4113.96	5758	0.88	53338	4 0 C				
.30	4504.71	6295	0.80	53338	4 5 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.25 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
98	8.59	20	4.44	2854	C 0 3 2 0 8 . 0 _ M _ - _ _ . 2 5 6 A _	17.3	71b	6 1 2 0 1 - 1 0 3 - _ _ _	38
73	11.61	26	3.63	2852	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
64	13.20	30	3.28	2851	1 2 .				
57	14.95	33	3.01	2850	1 4 .				
52	16.36	32	2.92	2850	1 6 .				
44	19.13	43	2.51	2839	1 8 .				
41	20.61	46	2.38	2838	2 0 .				
38	22.11	43	2.38	2839	2 2 .				
34	25.14	49	2.18	2837	2 5 .				
30	28.48	55	2.00	2835	2 8 .				
25	33.71	74	1.68	2829	3 2 .				
23	36.43	69	1.68	2831	3 6 .				
22	39.26	75	1.60	2829	4 0 .				
19	45.50	99	1.39	2812	4 5 .				
16	53.31	115	1.26	2799	5 0 .				
15	56.19	105	1.25	2812	5 6 .				
13	64.21	118	1.14	2799	6 3 .				
11	74.55	159	0.94	2778	7 1 .				
10	82.83	175	0.85	2773	8 0 .				
10	86.67	156	0.95	2788	9 0 .				
8.3	101.54	181	0.82	2770	1 0 0			6 1 1 0 2 - 1 0 3 - _ _ _	42
41	20.61	47	3.98	5285	C 0 4 2 0 2 0 . _ M _ - _ _ . 2 5 6 A _	20.3	71b	6 1 1 0 2 - 1 0 6 - _ _ _	42
38	22.11	44	3.80	5285	2 2 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
34	25.14	50	3.47	5285	2 5 .				
30	28.48	56	3.19	5284	2 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
25	33.71	75	2.77	5281	3 2 .				
23	36.43	71	2.69	5283	3 6 .				
22	39.26	76	2.56	5282	4 0 .				
19	45.50	100	2.06	5279	4 5 .				
16	53.31	117	1.76	5277	5 0 .				
15	56.19	106	2.00	5279	5 6 .				
13	64.21	120	1.82	5275	6 3 .				
11	74.55	160	1.26	5271	7 1 .				
10	82.83	177	1.06	5265	8 0 .				
10	86.67	160	1.54	5269	9 0 .				
8.3	101.54	185	1.37	5264	1 0 0				
6.0	142.00	253	1.09	5253	1 4 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
5.4	157.78	279	0.99	5243	1 6 0				
8.0	105.36	222	0.90	5259	C 0 4 3 0 1 0 0 _ M _ - _ _ . 2 5 6 A _	23.3	71b	6 1 1 0 2 - 1 0 6 - _ _ _	42
12	73.37	162	2.46	7432	C 0 5 2 0 7 1 . _ M _ - _ _ . 2 5 6 A _	23.3	71b	6 1 1 0 3 - 1 0 8 - _ _ _	48
10	82.67	182	2.16	7430	8 0 .				
9.3	90.67	173	2.78	7430	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
8.6	98.57	187	2.58	7429	1 0 0				
7.7	109.07	237	1.50	7427	1 1 2			6 1 1 0 3 - 1 0 8 - _ _ _	48
6.8	124.00	269	1.14	7427	1 2 5				
6.0	142.00	262	1.83	7427	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
5.3	160.00	293	1.64	7421	1 6 0				
4.0	211.11	382	1.26	5904	2 1 2				
3.5	240.00	430	1.12	7414	2 5 0				
8.1	103.90	225	1.75	6567	C 0 5 3 0 1 0 0 _ M _ - _ _ . 2 5 6 A _	27.3	71b	6 1 1 0 3 - 1 0 8 - _ _ _	48
7.1	118.73	256	1.54	6453	1 1 8				
5.3	160.26	341	1.14	5904	1 6 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.5	187.76	399	0.97	7412	1 8 0				
4.2	201.10	362	1.33	7418	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
3.7	229.81	411	1.17	7412	2 2 5				
2.7	310.18	545	0.88	7403	3 1 5				
11	73.92	172	3.84	11843	C 0 6 2 0 7 1 . _ MC - _ _ . 2 5 6 A _	36.3	71b	6 1 1 0 4 - 1 1 0 - _ _ _	60
10	80.94	189	3.50	11834	8 0 .				
9.2	91.58	184	3.59	11934	9 0 .				
8.6	97.78	197	3.36	11834	1 0 0				
7.6	110.57	255	2.60	11807	1 1 2				
6.8	124.00	284	1.84	11796	1 2 5				
5.9	143.08	280	2.36	11817	1 4 0				
5.4	156.67	305	2.17	11796	1 6 0				
3.9	214.00	408	1.62	11755	2 1 2				
3.5	240.00	453	1.46	11734	2 5 0				
5.0	169.81	384	1.73	11755	C 0 6 3 0 1 6 0 _ MC - _ _ . 2 5 6 A _	41.3	71b	6 1 1 0 4 - 1 1 0 - _ _ _	60
4.6	184.62	416	1.59	11734	1 8 0				
3.2	265.95	592	1.12	11588	2 6 5				
2.8	299.67	663	1.00	11540	2 8 0				
2.6	328.67	605	1.09	11592	3 1 5				
2.4	357.32	656	1.01	11592	3 6 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.25 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
7.6	110.57	255	2.83	9554	C 0 6 2 0 1 1 2 _ MJ - _ _ . 2 5 6 A _	36.3	71b	6 1 1 0 5 - 1 1 4 - _ _ _	70
6.8	124.00	284	1.84	9535	1 2 5			6 1 1 0 4 - 1 1 4 - _ _ _	60
5.9	143.08	281	3.02	9555	1 4 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
5.4	156.67	305	2.78	9539	1 6 0				
3.9	214.00	408	2.08	9476	2 1 2				
3.5	240.00	454	1.84	9452	2 5 0				
5.0	169.81	384	2.23	9476	C 0 6 3 0 1 6 0 _ MJ - _ _ . 2 5 6 A _	41.3	71b	6 1 1 0 5 - 1 1 4 - _ _ _	70
4.6	184.62	417	2.05	9458	1 8 0				
3.2	265.95	592	1.43	9357	2 6 5				
2.8	299.67	664	1.27	9317	2 8 0				
2.6	328.67	610	2.05	9378	3 1 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
2.4	357.32	659	1.89	9353	3 6 0				
2.1	395.39	868	0.96	9205	4 0 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
1.9	449.50	985	0.85	9140	4 5 0				
1.6	514.75	929	1.34	9210	5 0 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
1.5	580.00	1041	1.20	9150	5 6 0				
5.3	159.98	376	3.56	29152	C 0 7 3 0 1 6 0 _ M _ - _ _ . 2 5 6 A _	91.3	71b	6 1 1 0 6 - 1 1 4 - _ _ _	80
4.9	170.81	401	3.33	29152	1 8 0				
4.3	194.65	430	2.95	29143	2 0 0				
3.7	226.39	495	2.56	29158	2 2 5				
3.4	249.94	581	2.31	29138	2 6 5				
3.1	273.68	634	2.11	29117	2 8 0				
2.6	319.95	693	1.83	29117	3 1 5				
2.5	341.61	739	1.72	29096	3 6 0				
2.3	373.83	859	1.56	29079	4 0 0				
2.0	419.25	958	1.40	29079	4 5 0				
1.7	499.88	1061	1.19	29048	5 0 0				
1.5	547.35	1158	1.09	29018	5 6 0				
1.1	747.66	1569	0.80	28940	8 0 0				
2.4	346.04	767	3.22	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 2 5 6 A _	153.3	71b	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.1	402.47	890	2.77	41712	4 0 0				
1.9	441.20	971	2.54	41712	4 5 0				
1.7	484.35	1121	2.24	41712	5 0 0				
1.5	563.34	1302	1.93	41712	5 6 0				
1.4	617.55	1421	1.77	41712	6 3 0				
1.2	684.72	1565	1.79	41656	7 1 0				
1.1	796.39	1818	1.54	41656	8 0 0				
.97	873.02	1985	1.41	41656	9 0 0				
.83	1015.39	2305	1.21	41656	1 0 C				
.75	1125.50	2561	1.09	41656	1 1 C				
.70	1201.68	2731	1.02	41656	1 2 C				
.59	1435.01	3244	0.86	41656	1 4 C			6 1 1 0 8 - 1 2 0 - _ _ _	100
.55	1532.14	3460	0.81	41656	1 6 C				
1.1	758.78	1766	2.80	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 2 5 6 A _	226.3	71b	6 1 1 0 8 - 1 2 4 - _ _ _	100
.96	882.52	2052	2.41	53383	9 0 0				
.87	967.44	2242	2.21	53383	1 0 C				
.75	1125.21	2604	1.90	53383	1 1 C				
.70	1214.05	2790	1.81	53338	1 2 C				
.63	1331.65	3084	1.61	53383	1 4 C				
.53	1590.21	3667	1.35	53383	1 6 C				
.46	1831.90	4195	1.20	53338	1 8 C				
.43	1948.58	4487	1.10	53383	2 0 C				
.39	2187.59	4987	1.01	53338	2 2 C				
.34	2484.44	5687	0.87	53383	2 5 C			6 1 1 0 9 - 1 2 4 - _ _ _	120

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.37 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
161	8.59	18	4.42	2852	C 0 3 2 0 8 . 0 _ M _ - _ _ . 3 7 4 A _	17.0	71b	6 1 2 0 1 - 1 0 3 - _ _ _	38
119	11.61	24	3.58	2850	1 1 .				
105	13.20	27	3.27	2849	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
92	14.95	31	2.98	2849	1 4 .				
84	16.36	30	2.86	2847	1 6 .			6 1 2 0 1 - 1 0 3 - _ _ _	38
72	19.13	39	2.50	2844	1 8 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
67	20.61	42	2.37	2844	2 0 .				
62	22.11	40	2.34	2844	2 2 .				
55	25.14	45	2.14	2840	2 5 .				
48	28.48	51	1.97	2840	2 8 .				
41	33.71	68	1.66	2826	3 2 .				
38	36.43	64	1.66	2826	3 6 .				
35	39.26	69	1.58	2826	4 0 .				
30	45.50	91	1.33	2815	4 5 .				
26	53.31	106	1.19	2805	5 0 .				
25	56.19	97	1.23	2815	5 6 .				
21	64.21	110	1.12	2799	6 3 .				
19	74.55	145	0.98	2780	7 1 .				
17	82.83	161	0.91	2780	8 0 .				
16	86.67	146	0.95	2780	9 0 .				
67	20.61	43	3.96	5286	C 0 4 2 0 2 0 . _ M _ - _ _ . 3 7 4 A _	20.0	71b	6 1 1 0 1 - 1 0 6 - _ _ _	38
62	22.11	41	3.73	5286	2 2 .				
55	25.14	47	3.42	5284	2 5 .				
48	28.48	52	3.16	5284	2 8 .				
41	33.71	69	2.78	5280	3 2 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
38	36.43	66	2.65	5282	3 6 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
35	39.26	71	2.52	5282	4 0 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
30	45.50	92	2.23	5282	4 5 .				
26	53.31	107	1.94	5274	5 0 .				
25	56.19	99	1.97	5278	5 6 .				
21	64.21	112	1.80	5274	6 3 .				
19	74.55	147	1.39	5266	7 1 .				
17	82.83	163	1.17	5266	8 0 .				
16	86.67	149	1.52	5280	9 0 .				
14	101.54	172	1.36	5270	1 0 0				
10	142.00	235	1.07	5250	1 4 0				
8.7	157.78	259	0.99	5240	1 6 0				
13	105.36	203	1.00	5255	C 0 4 3 0 1 0 0 _ M _ - _ _ . 3 7 4 A _	23.0	71b	6 1 1 0 2 - 1 0 6 - _ _ _	42
11	120.39	232	0.87	5249	1 1 8				
6.9	200.68	321	0.86	5230	2 0 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
19	73.37	148	2.73	7434	C 0 5 2 0 7 1 . _ M _ - _ _ . 3 7 4 A _	23.0	71b	6 1 1 0 3 - 1 0 8 - _ _ _	48
17	82.67	167	2.38	7432	8 0 .				
15	90.67	161	2.98	7432	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
14	98.57	173	2.78	7429	1 0 0				
13	109.07	218	1.59	7432	1 1 2			6 1 1 0 3 - 1 0 8 - _ _ _	48
11	124.00	246	1.22	7434	1 2 5				
10	142.00	243	1.98	7434	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
8.6	160.00	272	1.77	7424	1 6 0				
6.5	211.11	354	1.36	7412	2 1 2				
5.8	240.00	398	1.21	7430	2 5 0				
13	103.90	207	1.94	7427	C 0 5 3 0 1 0 0 _ M _ - _ _ . 3 7 4 A _	27.0	71b	6 1 1 0 3 - 1 0 8 - _ _ _	48
12	118.73	235	1.70	7422	1 1 8				
8.6	160.26	314	1.26	7416	1 6 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
7.3	187.76	365	1.08	7416	1 8 0				
6.9	201.10	334	1.44	7422	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
6.0	229.81	380	1.27	7416	2 2 5				
4.4	310.18	503	0.96	7410	3 1 5				
3.8	363.40	585	0.82	7390	3 6 0				
17	80.94	174	3.81	11909	C 0 6 2 0 8 0 . _ MC - _ _ . 3 7 4 A _	36.0	71b	6 1 1 0 4 - 1 1 0 - _ _ _	60
15	91.58	172	3.83	11909	9 0 .				
14	97.78	182	3.63	11909	1 0 0				
12	110.57	234	2.83	11797	1 1 2				
11	124.00	260	2.03	11780	1 2 5				
10	143.08	261	2.54	11780	1 4 0				
8.8	156.67	283	2.34	11780	1 6 0				
6.4	214.00	379	1.75	11741	2 1 2				
5.8	240.00	421	1.57	11701	2 5 0				
8.1	169.81	351	1.89	11741	C 0 6 3 0 1 6 0 _ MC - _ _ . 3 7 4 A _	41.0	71b	6 1 1 0 4 - 1 1 0 - _ _ _	60
7.5	184.62	381	1.74	11701	1 8 0				
5.2	265.95	541	1.22	11609	2 6 5				
4.6	299.67	607	1.09	11500	2 8 0				
4.2	328.67	561	1.18	11600	3 1 5				
3.9	357.32	606	1.09	11600	3 6 0				
3.5	395.39	795	0.83	11400	4 0 0			6 1 1 0 5 - 1 1 0 - _ _ _	70

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.37 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
17	80.94	173	3.86	9581	C 0 6 2 0 8 0 . _ MJ - _ _ . 3 7 4 A _	36.0	71b	6 1 1 0 4 - 1 1 4 - _ _ _	60
12	110.57	235	2.96	9545	1 1 2				
11	124.00	260	2.03	9530	1 2 5				
10	143.08	262	3.24	9540	1 4 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
8.8	156.67	284	2.98	9536	1 6 0				
6.4	214.00	379	2.24	9487	2 1 2				
5.8	240.00	422	2.01	9461	2 5 0				
8.1	169.81	352	2.46	9487	C 0 6 3 0 1 6 0 _ MJ - _ _ . 3 7 4 A _	41.0	71b	6 1 1 0 5 - 1 1 4 - _ _ _	70
7.5	184.62	381	2.27	9465	1 8 0				
5.2	265.95	542	1.58	9359	2 6 5				
4.6	299.67	608	1.40	9320	2 8 0				
4.2	328.67	565	2.07	9380	3 1 5			6 1 2 0 6 - 1 1 4 - _ _ _	80
3.9	357.32	611	1.96	9360	3 6 0				
3.5	395.39	795	1.06	9210	4 0 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
8.6	159.98	344	3.88	29139	C 0 7 3 0 1 6 0 _ M _ - _ _ . 3 7 4 A _	91.0	71b	6 1 1 0 6 - 1 1 4 - _ _ _	80
8.1	170.81	366	3.65	29145	1 8 0				
7.1	194.65	395	3.01	29145	2 0 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
6.1	226.39	456	2.68	29127	2 2 5				
5.5	249.94	531	2.52	29109	2 6 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.0	273.68	580	2.31	29091	2 8 0				
4.3	319.95	633	2.00	26917	3 1 5				
4.0	341.61	675	1.88	24796	3 6 0				
3.7	373.83	784	1.71	23910	4 0 0				
3.3	419.25	877	1.53	29041	4 5 0				
2.8	499.88	977	1.30	29001	5 0 0				
2.5	547.35	1066	1.19	29001	5 6 0				
1.8	747.66	1432	0.88	28909	8 0 0				
1.7	791.70	1644	0.81	26824	C 0 7 4 0 8 0 0 _ M _ - _ _ . 3 7 4 A _	95.0	71b	6 1 1 0 6 - 1 1 4 - _ _ _	80
4.0	346.04	700	3.52	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 3 7 4 A _	153.0	71b	6 1 1 0 7 - 1 2 0 - _ _ _	90
3.4	402.47	813	3.04	41712	4 0 0				
3.1	441.20	888	2.78	41712	4 5 0				
2.8	484.35	1020	2.46	41712	5 0 0				
2.4	563.34	1186	2.12	41712	5 6 0				
2.2	617.55	1296	1.94	41712	6 3 0				
2.0	684.72	1426	1.96	41656	7 1 0				
1.7	796.39	1657	1.69	41656	8 0 0				
1.6	873.02	1810	1.54	41656	9 0 0				
1.4	1015.39	2103	1.33	41656	1 0 C				
1.2	1125.50	2334	1.20	41656	1 1 C				
1.1	1201.68	2490	1.12	41656	1 2 C				
.96	1435.01	2961	0.94	41656	1 4 C				
.90	1532.14	3159	0.88	41656	1 6 C				
1.8	758.78	1606	3.08	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 3 7 4 A _	226.0	71b	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.6	882.52	1866	2.65	53383	9 0 0				
1.4	967.44	2040	2.43	53383	1 0 C				
1.2	1125.21	2371	2.09	53383	1 1 C				
1.1	1214.05	2539	1.99	53338	1 2 C				
1.0	1331.65	2806	1.77	53383	1 4 C				
.87	1590.21	3340	1.48	53383	1 6 C				
.75	1831.90	3819	1.32	53338	1 8 C				
.71	1948.58	4087	1.21	53383	2 0 C				
.63	2187.59	4544	1.11	53338	2 2 C				
.56	2484.44	5187	0.96	53383	2 5 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
.47	2935.20	6083	0.83	53338	2 8 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.37 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
108	8.59	27	3.28	2849	C 0 3 2 0 8 . 0 _ M _ - _ _ . 3 7 6 A _	20.8	80a	6 1 2 0 1 - 1 0 3 - _ _ _	38
80	11.61	35	2.68	2845	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
70	13.20	40	2.43	2843	1 2 .				
62	14.95	45	2.22	2841	1 4 .				
57	16.36	44	2.16	2842	1 6 .				
48	19.13	58	1.85	2829	1 8 .				
45	20.61	62	1.76	2827	2 0 .				
42	22.11	58	1.76	2829	2 2 .				
37	25.14	66	1.61	2826	2 5 .				
32	28.48	75	1.48	2822	2 8 .				
27	33.71	100	1.24	2810	3 2 .				
25	36.43	93	1.24	2814	3 6 .				
24	39.26	101	1.18	2810	4 0 .				
20	45.50	134	1.03	2787	4 5 .				
17	53.31	155	0.93	2771	5 0 .				
16	56.19	142	0.92	2787	5 6 .				
14	64.21	160	0.84	2771	6 3 .				
62	14.95	46	3.70	5283	C 0 4 2 0 1 4 . _ M _ - _ _ . 3 7 6 A _	23.8	80a	6 1 1 0 1 - 1 0 6 - _ _ _	38
57	16.36	45	3.46	5283	1 6 .				
48	19.13	59	3.07	5282	1 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
45	20.61	63	2.94	5280	2 0 .				
42	22.11	60	2.81	5280	2 2 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
37	25.14	68	2.57	5280	2 5 .				
32	28.48	76	2.36	5279	2 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
27	33.71	101	2.05	5273	3 2 .				
25	36.43	96	1.99	5277	3 6 .				
24	39.26	103	1.89	5274	4 0 .				
20	45.50	135	1.52	5270	4 5 .				
17	53.31	158	1.30	5266	5 0 .				
16	56.19	144	1.48	5270	5 6 .				
14	64.21	163	1.35	5262	6 3 .				
12	74.55	217	0.93	5255	7 1 .				
11	86.67	216	1.14	5250	9 0 .				
9.1	101.54	251	1.02	5240	1 0 0				
6.5	142.00	343	0.81	5220	1 4 0			6 1 1 0 3 - 1 0 6 - _ _ _	48
28	32.55	101	3.83	7440	C 0 5 2 0 3 2 . _ M _ - _ _ . 3 7 6 A _	26.8	80a	6 1 1 0 3 - 1 0 8 - _ _ _	48
20	46.84	142	2.66	7440	4 5 .				
18	50.93	155	2.60	7440	5 0 .				
17	55.45	148	3.23	7440	5 6 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
15	63.00	166	2.89	7440	6 3 .				
13	73.37	219	1.82	7424	7 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
11	82.67	246	1.60	7422	8 0 .				
10	90.67	233	2.06	7422	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
9.4	98.57	252	1.91	7419	1 0 0				
8.5	109.07	321	1.11	7416	1 1 2			6 1 1 0 3 - 1 0 8 - _ _ _	48
7.5	124.00	363	0.84	7416	1 2 5				
6.5	142.00	355	1.36	7416	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
5.8	160.00	397	1.21	7404	1 6 0				
4.4	211.11	517	0.93	4487	2 1 2				
3.9	240.00	582	0.83	7390	2 5 0				
8.9	103.90	304	1.30	5761	C 0 5 3 0 1 0 0 _ M _ - _ _ . 3 7 6 A _	30.8	80a	6 1 1 0 3 - 1 0 8 - _ _ _	48
7.8	118.73	347	1.14	5542	1 1 8				
5.8	160.26	462	0.84	4487	1 6 0			6 1 1 0 3 - 1 0 8 - _ _ _	48
4.6	201.10	489	0.98	7399	2 0 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
4.0	229.81	555	0.87	7387	2 2 5				
14	64.80	181	3.65	11903	C 0 6 2 0 6 3 . _ MC - _ _ . 3 7 6 A _	39.8	80a	6 1 1 0 4 - 1 1 0 - _ _ _	60
13	73.92	233	2.84	11791	7 1 .				
11	80.94	255	2.59	11773	8 0 .				
10	91.58	249	2.66	11873	9 0 .				
9.5	97.78	266	2.49	11773	1 0 0				
8.4	110.57	344	1.92	11721	1 1 2				
7.5	124.00	384	1.36	11701	1 2 5				
6.5	143.08	379	1.75	11741	1 4 0				
5.9	156.67	413	1.60	11701	1 6 0				
4.3	214.00	552	1.20	11622	2 1 2				
3.9	240.00	613	1.08	11582	2 5 0				
8.9	103.86	322	2.05	11800	C 0 6 3 0 1 0 0 _ MC - _ _ . 3 7 6 A _	44.8	80a	6 1 1 0 4 - 1 1 0 - _ _ _	60
7.8	117.99	365	1.82	11700	1 1 8				
7.1	130.00	343	1.93	11800	1 3 2				
6.3	147.69	386	1.71	11700	1 5 0				
5.4	169.81	519	1.28	11622	1 6 0				
5.0	184.62	563	1.18	11582	1 8 0				
4.6	201.02	516	1.28	11600	2 0 0				
4.1	228.38	582	1.14	11600	2 2 5				
3.5	265.95	800	0.83	11393	2 6 5			6 1 1 0 5 - 1 1 0 - _ _ _	70
2.8	328.67	818	0.81	11400	3 1 5				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.37 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
13	73.92	234	3.62	9545	C 0 6 2 0 7 1 . _ MJ - _ _ . 3 7 6 A _	39.8	80a	6 1 1 0 5 - 1 1 4 - _ _ _	70
11	80.94	256	2.97	9526	8 0 .				
10	91.58	251	3.39	9552	9 0 .				
9.5	97.78	267	3.18	9536	1 0 0				
8.4	110.57	345	2.09	9484	1 1 2				
7.5	124.00	384	1.36	9457	1 2 5			6 1 1 0 4 - 1 1 4 - _ _ _	60
6.5	143.08	380	2.23	9487	1 4 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
5.9	156.67	413	2.05	9465	1 6 0				
4.3	214.00	552	1.54	9371	2 1 2				
3.9	240.00	614	1.36	9333	2 5 0				
8.9	103.86	324	2.68	9500	C 0 6 3 0 1 0 0 _ MJ - _ _ . 3 7 6 A _	44.8	80a	6 1 1 0 5 - 1 1 4 - _ _ _	70
7.8	117.99	365	2.37	9470	1 1 8				
7.1	130.00	342	2.92	9510	1 3 2				
6.3	147.69	387	2.68	9480	1 5 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
5.4	169.81	519	1.65	9371	1 6 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
5.0	184.62	563	1.52	9345	1 8 0				
4.6	201.02	518	2.20	9400	2 0 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
4.1	228.38	587	2.03	9370	2 2 5				
3.5	265.95	801	1.06	9198	2 6 5			6 1 1 0 5 - 1 1 4 - _ _ _	70
3.1	299.67	897	0.94	9140	2 8 0				
2.8	328.67	824	1.52	9230	3 1 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
2.6	357.32	892	1.40	9190	3 6 0				
9.3	99.79	310	3.67	29200	C 0 7 2 0 1 0 0 _ M _ - _ _ . 3 7 6 A _	84.8	80a	6 1 2 0 6 - 1 1 4 - _ _ _	80
8.9	104.32	337	3.26	29200	1 1 2				
8.0	115.92	373	2.76	29200	1 2 5				
6.7	138.00	422	2.84	29200	1 4 0				
6.1	151.13	459	2.66	29200	1 6 0				
4.4	208.65	624	2.03	29200	2 1 2			6 1 1 0 6 - 1 1 4 - _ _ _	80
4.0	231.83	690	1.84	29200	2 5 0				
8.2	113.20	364	3.67	29139	C 0 7 3 0 1 1 8 _ M _ - _ _ . 3 7 6 A _	93.8	80a	6 1 1 0 6 - 1 1 4 - _ _ _	80
5.8	159.98	509	2.63	29109	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.4	170.81	543	2.47	29109	1 8 0				
4.8	194.65	582	2.18	29091	2 0 0				
4.1	226.39	669	1.90	29120	2 2 5				
3.7	249.94	785	1.71	29080	2 6 5				
3.4	273.68	857	1.56	29041	2 8 0				
2.9	319.95	937	1.35	29041	3 1 5				
2.7	341.61	999	1.27	29001	3 6 0				
2.5	373.83	1161	1.15	28967	4 0 0				
2.2	419.25	1296	1.03	28967	4 5 0				
1.9	499.88	1435	0.88	28909	5 0 0				
1.7	547.35	1565	0.80	28851	5 6 0				
3.9	235.77	708	3.70	41900	C 0 8 2 0 2 5 0 _ M _ - _ _ . 3 7 6 A _	139.8	80a	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.7	346.04	1037	2.38	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 3 7 6 A _	155.8	80a	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.3	402.47	1203	2.05	41712	4 0 0				
2.1	441.20	1313	1.88	41712	4 5 0				
1.9	484.35	1515	1.66	41712	5 0 0				
1.6	563.34	1760	1.43	41712	5 6 0				
1.5	617.55	1921	1.31	41712	6 3 0				
1.4	684.72	2116	1.32	41656	7 1 0				
1.2	796.39	2459	1.14	41656	8 0 0				
1.1	873.02	2683	1.04	41656	9 0 0				
.91	1015.39	3117	0.90	41656	1 0 C				
.82	1125.50	3462	0.81	41656	1 1 C			6 1 1 0 8 - 1 2 0 - _ _ _	100
1.2	758.78	2388	2.07	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 3 7 6 A _	228.8	80a	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.0	882.52	2775	1.79	53383	9 0 0				
.96	967.44	3031	1.63	53383	1 0 C				
.82	1125.21	3521	1.41	53383	1 1 C				
.76	1214.05	3772	1.34	53338	1 2 C				
.69	1331.65	4170	1.19	53383	1 4 C				
.58	1590.21	4958	1.00	53383	1 6 C				
.50	1831.90	5672	0.89	53338	1 8 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
.47	1948.58	6066	0.82	53383	2 0 C				
1.4	676.39	2154	3.68	87375	C 1 0 4 0 6 3 0 _ M _ - _ _ . 3 7 6 A _	357.8	80a	6 1 1 0 9 - 1 3 0 - _ _ _	120
1.2	777.24	2473	3.20	87375	7 1 0				
1.1	863.38	2733	2.90	87375	8 0 0				
1.0	895.55	2835	2.79	87375	9 0 0				
.93	994.80	3132	2.52	87375	1 0 C				
.81	1143.12	3595	2.20	87375	1 1 C				
.72	1282.76	4049	1.95	87375	1 2 C				
.64	1450.35	4571	1.73	87375	1 4 C				
.56	1637.38	5133	1.54	87375	1 6 C				
.50	1851.29	5794	1.36	87375	1 8 C				
.46	2005.61	6292	1.26	87375	2 0 C				
.42	2196.36	6879	1.15	87375	2 2 C				
.36	2560.05	7971	0.99	87375	2 5 C				
.33	2803.53	8712	0.91	87375	2 8 C			6 1 1 1 0 - 1 3 0 - _ _ _	140
.30	3128.07	9680	0.82	87375	3 2 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.55 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
159	8.59	27	2.95	2847	C 0 3 2 0 8 . 0 _ M _ - _ _ . 5 5 4 A _	20.4	80a	6 1 2 0 1 - 1 0 3 - _ _ _	38
118	11.61	36	2.39	2844	1 1 .				
104	13.20	41	2.18	2841	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
92	14.95	47	1.99	2841	1 4 .				
84	16.36	45	1.91	2838	1 6 .			6 1 2 0 1 - 1 0 3 - _ _ _	38
72	19.13	59	1.67	2833	1 8 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
66	20.61	63	1.59	2833	2 0 .				
62	22.11	60	1.56	2833	2 2 .				
54	25.14	68	1.43	2825	2 5 .				
48	28.48	76	1.31	2825	2 8 .				
41	33.71	102	1.11	2809	3 2 .				
38	36.43	96	1.11	2809	3 6 .				
35	39.26	104	1.05	2809	4 0 .				
30	45.50	137	0.89	2790	4 5 .				
24	56.19	145	0.82	2790	5 6 .				
118	11.61	37	3.97	5285	C 0 4 2 0 1 1 . _ M _ - _ _ . 5 5 4 A _	23.4	80a	6 1 1 0 1 - 1 0 6 - _ _ _	38
104	13.20	42	3.62	5285	1 2 .				
92	14.95	47	3.33	5283	1 4 .				
84	16.36	47	3.06	5283	1 6 .				
72	19.13	60	2.78	5283	1 8 .				
66	20.61	64	2.65	5283	2 0 .				
62	22.11	62	2.49	5283	2 2 .				
54	25.14	70	2.28	5280	2 5 .				
48	28.48	79	2.11	5280	2 8 .				
41	33.71	103	1.86	5274	3 2 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
38	36.43	99	1.77	5276	3 6 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
35	39.26	106	1.68	5276	4 0 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
30	45.50	138	1.49	5276	4 5 .				
26	53.31	160	1.30	5262	5 0 .				
24	56.19	148	1.32	5269	5 6 .				
21	64.21	168	1.20	5262	6 3 .				
18	74.55	221	0.93	5250	7 1 .				
42	32.55	102	3.32	7440	C 0 5 2 0 3 2 . _ M _ - _ _ . 5 5 4 A _	26.4	80a	6 1 1 0 3 - 1 0 8 - _ _ _	48
34	40.74	114	3.68	7440	4 0 .				
29	46.84	146	2.61	7440	4 5 .				
27	50.93	158	2.47	7440	5 0 .				
25	55.45	153	2.92	7440	5 6 .				
22	63.00	171	2.66	7440	6 3 .				
19	73.37	222	1.82	7431	7 1 .				
17	82.67	250	1.59	7426	8 0 .				
15	90.67	241	1.99	7426	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
14	98.57	259	1.86	7422	1 0 0				
13	109.07	327	1.06	7426	1 1 2			6 1 1 0 3 - 1 0 8 - _ _ _	48
11	124.00	369	0.81	7430	1 2 5				
10	142.00	365	1.32	7430	1 4 0			6 1 1 0 4 - 1 0 8 - _ _ _	60
8.6	160.00	408	1.18	7412	1 6 0				
6.5	211.11	530	0.91	7392	2 1 2				
13	103.90	309	1.29	7418	C 0 5 3 0 1 0 0 _ M _ - _ _ . 5 5 4 A _	30.4	80a	6 1 1 0 3 - 1 0 8 - _ _ _	48
12	118.73	352	1.13	7409	1 1 8				
8.5	160.26	470	0.84	7399	1 6 0				
6.8	201.10	501	0.96	7410	2 0 0				
6.0	229.81	569	0.85	7400	2 2 5				
21	64.80	187	3.54	11896	C 0 6 2 0 6 3 . _ MC - _ _ . 5 5 4 A _	39.4	80a	6 1 1 0 4 - 1 1 0 - _ _ _	60
19	73.92	238	2.78	11844	7 1 .				
17	80.94	260	2.54	11844	8 0 .				
15	91.58	259	2.56	11844	9 0 .				
14	97.78	273	2.42	11844	1 0 0				
12	110.57	350	1.89	11724	1 1 2				
11	124.00	390	1.36	11695	1 2 5				
10	143.08	391	1.70	11695	1 4 0				
8.7	156.67	425	1.56	11695	1 6 0				
6.4	214.00	567	1.17	11626	2 1 2				
5.7	240.00	631	1.05	11558	2 5 0				
13	103.86	327	2.03	11800	C 0 6 3 0 1 0 0 _ MC - _ _ . 5 5 4 A _	44.4	80a	6 1 1 0 4 - 1 1 0 - _ _ _	60
12	117.99	371	1.79	11700	1 1 8				
11	130.00	354	1.87	11800	1 3 2				
9.3	147.69	397	1.67	11700	1 5 0				
8.1	169.81	526	1.26	11626	1 6 0				
7.4	184.62	570	1.16	11558	1 8 0				
6.8	201.02	530	1.25	11600	2 0 0				
6.0	228.38	597	1.11	11600	2 2 5				
5.2	265.95	810	0.82	11400	2 6 5			6 1 1 0 5 - 1 1 0 - _ _ _	70

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.55 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
19	73.92	239	3.30	9547	C 0 6 2 0 7 1 . _ MJ - _ _ . 5 5 4 A _	39.4	80a	6 1 1 0 5 - 1 1 4 - _ _ _	70
17	80.94	260	2.58	9531	8 0 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
15	91.58	259	3.28	9547	9 0 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
14	97.78	274	3.09	9541	1 0 0				
12	110.57	352	1.98	9477	1 1 2			6 1 1 0 4 - 1 1 4 - _ _ _	60
11	124.00	390	1.36	9459	1 2 5				
10	143.08	392	2.16	9469	1 4 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
8.7	156.67	426	1.99	9462	1 6 0				
6.4	214.00	568	1.49	9384	2 1 2				
5.7	240.00	631	1.35	9346	2 5 0				
13	103.86	329	2.61	9500	C 0 6 3 0 1 0 0 _ MJ - _ _ . 5 5 4 A _	44.4	80a	6 1 1 0 5 - 1 1 4 - _ _ _	70
12	117.99	370	2.37	9470	1 1 8				
11	130.00	353	2.51	9510	1 3 2				
9.3	147.69	400	2.30	9480	1 5 0				
8.1	169.81	528	1.65	9384	1 6 0				
7.4	184.62	571	1.52	9353	1 8 0				
6.8	201.02	534	1.89	9400	2 0 0				
6.0	228.38	599	1.75	9360	2 2 5			6 1 2 0 6 - 1 1 4 - _ _ _	80
5.2	265.95	812	1.05	9200	2 6 5			6 1 1 0 5 - 1 1 4 - _ _ _	70
18	75.56	252	3.71	29200	C 0 7 2 0 8 0 . _ M _ - _ _ . 5 5 4 A _	84.4	80a	6 1 1 0 5 - 1 1 4 - _ _ _	70
16	88.26	281	3.66	29200	9 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
14	99.79	315	3.33	29200	1 0 0				
13	104.32	342	2.83	29200	1 1 2			6 1 1 0 5 - 1 1 4 - _ _ _	70
12	115.92	380	2.54	29200	1 2 5				
10	138.00	431	2.59	29200	1 4 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
9.1	151.13	470	2.42	29200	1 6 0				
6.6	208.65	635	1.89	29200	2 1 2				
5.9	231.83	703	1.74	29200	2 5 0				
12	113.20	369	3.62	29125	C 0 7 3 0 1 1 8 _ M _ - _ _ . 5 5 4 A _	93.4	80a	6 1 1 0 6 - 1 1 4 - _ _ _	80
8.6	159.98	516	2.59	29096	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
8.0	170.81	549	2.44	29106	1 8 0				
7.0	194.65	592	2.01	29106	2 0 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
6.1	226.39	682	1.79	29075	2 2 5				
5.5	249.94	795	1.68	29044	2 6 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.0	273.68	869	1.54	29013	2 8 0				
4.3	319.95	949	1.34	25273	3 1 5				
4.0	341.61	1011	1.26	21625	3 6 0				
3.7	373.83	1174	1.14	20101	4 0 0				
3.3	419.25	1313	1.02	28926	4 5 0				
2.7	499.88	1463	0.87	28858	5 0 0				
6.7	204.75	633	3.90	41900	C 0 8 2 0 2 1 2 _ M _ - _ _ . 5 5 4 A _	139.4	80a	6 1 1 0 7 - 1 2 0 - _ _ _	90
5.8	235.77	725	3.49	41900	2 5 0				
4.0	346.04	1049	2.35	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 5 5 4 A _	155.4	80a	6 1 1 0 7 - 1 2 0 - _ _ _	90
3.4	402.47	1217	2.03	41712	4 0 0				
3.1	441.20	1330	1.86	41712	4 5 0				
2.8	484.35	1528	1.64	41712	5 0 0				
2.4	563.34	1775	1.42	41712	5 6 0				
2.2	617.55	1940	1.30	41712	6 3 0				
2.0	684.72	2135	1.31	41656	7 1 0				
1.7	796.39	2481	1.13	41656	8 0 0				
1.6	873.02	2710	1.03	41656	9 0 0				
1.3	1015.39	3149	0.89	41656	1 0 C				
1.8	758.78	2405	2.06	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 5 5 4 A _	228.4	80a	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.6	882.52	2795	1.77	53383	9 0 0				
1.4	967.44	3055	1.62	53383	1 0 C				
1.2	1125.21	3550	1.40	53383	1 1 C				
1.1	1214.05	3801	1.33	53338	1 2 C				
1.0	1331.65	4203	1.18	53383	1 4 C				
.86	1590.21	5002	0.99	53383	1 6 C				
.75	1831.90	5718	0.88	53338	1 8 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
.70	1948.58	6120	0.81	53383	2 0 C				
2.0	676.39	2169	3.65	87375	C 1 0 4 0 6 3 0 _ M _ - _ _ . 5 5 4 A _	357.4	80a	6 1 1 0 9 - 1 3 0 - _ _ _	120
1.8	777.24	2491	3.18	87375	7 1 0				
1.6	863.38	2754	2.88	87375	8 0 0				
1.5	895.55	2856	2.77	87375	9 0 0				
1.4	994.80	3157	2.50	87375	1 0 C				
1.2	1143.12	3625	2.18	87375	1 1 C				
1.1	1282.76	4080	1.94	87375	1 2 C				
.94	1450.35	4607	1.71	87375	1 4 C				
.84	1637.38	5178	1.53	87375	1 6 C				
.74	1851.29	5846	1.35	87375	1 8 C				
.68	2005.61	6346	1.24	87375	2 0 C				
.62	2196.36	6940	1.14	87375	2 2 C				
.54	2560.05	8050	0.98	87375	2 5 C				
.49	2803.53	8802	0.90	87375	2 8 C			6 1 1 1 0 - 1 3 0 - _ _ _	140
.44	3128.07	9789	0.81	87375	3 2 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.55 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
108	8.59	40	2.21	2841	C 0 3 2 0 8 . 0 _ M _ - _ _ . 5 5 6 A _	22.3	80b	6 1 2 0 1 - 1 0 3 - _ _ _	38
80	11.61	53	1.80	2835	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
70	13.20	60	1.63	2831	1 2 .				
62	14.95	68	1.50	2828	1 4 .				
57	16.36	66	1.45	2829	1 6 .				
48	19.13	86	1.25	2814	1 8 .				
45	20.61	92	1.18	2810	2 0 .				
42	22.11	87	1.19	2814	2 2 .				
37	25.14	98	1.08	2809	2 5 .				
32	28.48	111	1.00	2802	2 8 .				
27	33.71	149	0.83	2781	3 2 .				
25	36.43	139	0.84	2788	3 6 .				
108	8.59	40	3.66	5285	C 0 4 2 0 8 . 0 _ M _ - _ _ . 5 5 6 A _	25.3	80b	6 1 1 0 1 - 1 0 6 - _ _ _	38
80	11.61	54	2.98	5281	1 1 .				
70	13.20	61	2.72	5279	1 2 .				
62	14.95	69	2.49	5279	1 4 .				
57	16.36	67	2.33	5279	1 6 .				
48	19.13	88	2.07	5277	1 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
45	20.61	94	1.98	5274	2 0 .				
42	22.11	89	1.89	5274	2 2 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
37	25.14	101	1.73	5274	2 5 .				
32	28.48	114	1.59	5271	2 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
27	33.71	151	1.38	5261	3 2 .				
25	36.43	143	1.34	5268	3 6 .				
24	39.26	153	1.27	5263	4 0 .				
20	45.50	201	1.02	5255	4 5 .				
17	53.31	235	0.88	5249	5 0 .				
16	56.19	214	0.99	5255	5 6 .				
14	64.21	242	0.91	5242	6 3 .				
50	18.53	87	3.71	7439	C 0 5 2 0 1 8 . _ M _ - _ _ . 5 5 6 A _	28.3	80b	6 1 1 0 3 - 1 0 8 - _ _ _	48
44	21.05	98	3.43	7438	2 0 .				
37	24.86	104	3.96	7438	2 5 .				
33	28.24	117	3.61	7437	2 8 .				
28	32.55	150	2.58	7435	3 2 .				
26	35.86	146	3.03	7435	3 6 .				
23	40.74	165	2.75	7434	4 0 .				
20	46.84	211	1.79	7432	4 5 .				
18	50.93	231	1.75	7430	5 0 .				
17	55.45	220	2.17	7432	5 6 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
15	63.00	247	1.94	7430	6 3 .				
13	73.37	326	1.22	7413	7 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
11	82.67	365	1.07	7409	8 0 .				
10	90.67	347	1.39	7409	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
9.4	98.57	375	1.28	7404	1 0 0				
6.5	142.00	528	0.91	7400	1 4 0				
5.8	160.00	590	0.82	7378	1 6 0				
8.9	103.90	452	0.87	4552	C 0 5 3 0 1 0 0 _ M _ - _ _ . 5 5 6 A _	32.3	80b	6 1 1 0 3 - 1 0 8 - _ _ _	48
23	40.57	175	3.78	11858	C 0 6 2 0 4 0 . _ MC - _ _ . 5 5 6 A _	41.3	80b	6 1 1 0 4 - 1 1 0 - _ _ _	60
20	47.32	226	2.93	11865	4 5 .				
18	50.52	242	2.73	11855	5 0 .				
17	55.71	235	2.82	11855	5 6 .				
14	64.80	270	2.45	11834	6 3 .				
13	73.92	347	1.91	11713	7 1 .				
11	80.94	380	1.74	11681	8 0 .				
10	91.58	371	1.79	11781	9 0 .				
9.5	97.78	396	1.67	11681	1 0 0				
8.4	110.57	512	1.29	11592	1 1 2				
7.5	124.00	570	0.92	11558	1 2 5				
6.5	143.08	564	1.18	11626	1 4 0				
5.9	156.67	614	1.08	11558	1 6 0				
4.3	214.00	820	0.81	11422	2 1 2			6 1 1 0 5 - 1 1 0 - _ _ _	70
8.9	103.86	479	1.38	11676	C 0 6 3 0 1 0 0 _ MC - _ _ . 5 5 6 A _	46.3	80b	6 1 1 0 4 - 1 1 0 - _ _ _	60
7.8	117.99	542	1.22	11576	1 1 8				
5.4	169.81	772	0.86	11422	1 6 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
4.6	201.02	767	0.86	11457	2 0 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.55 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
20	47.32	227	3.43	9552	C 0 6 2 0 4 5 . _ MJ - _ _ . 5 5 6 A _	41.3	80b	6 1 1 0 5 - 1 1 4 - _ _ _	70
18	50.52	241	3.29	9544	5 0 .				
17	55.71	234	3.50	9556	5 6 .				
14	64.80	271	3.14	9538	6 3 .				
13	73.92	349	2.44	9477	7 1 .				
11	80.94	380	2.00	9452	8 0 .				
10	91.58	373	2.28	9481	9 0 .				
9.5	97.78	397	2.14	9462	1 0 0				
8.4	110.57	513	1.41	9379	1 1 2				
7.5	124.00	570	0.92	9340	1 2 5			6 1 1 0 4 - 1 1 4 - _ _ _	60
6.5	143.08	565	1.50	9384	1 4 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
5.9	156.67	614	1.38	9353	1 6 0				
4.3	214.00	820	1.04	9214	2 1 2				
3.9	240.00	913	0.92	9156	2 5 0				
8.9	103.86	482	1.80	9403	C 0 6 3 0 1 0 0 _ MJ - _ _ . 5 5 6 A _	46.3	80b	6 1 1 0 5 - 1 1 4 - _ _ _	70
7.8	117.99	543	1.60	9359	1 1 8				
7.1	130.00	509	1.96	9411	1 3 2				
6.3	147.69	576	1.80	9366	1 5 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
5.4	169.81	772	1.11	9214	1 6 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
5.0	184.62	838	1.02	9177	1 8 0				
4.6	201.02	771	1.48	9253	2 0 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
4.1	228.38	873	1.36	9199	2 2 5				
19	49.90	247	3.87	29180	C 0 7 2 0 5 0 . _ M _ - _ _ . 5 5 6 A _	86.3	80b	6 1 1 0 5 - 1 1 4 - _ _ _	70
17	53.63	252	3.99	29179	5 6 .				
15	61.62	291	3.57	29179	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
13	69.00	336	3.12	29172	7 1 .				
12	75.56	368	2.87	29165	8 0 .				
10	88.26	408	2.72	29168	9 0 .				
9.3	99.79	461	2.47	29168	1 0 0				
8.9	104.32	502	2.19	29168	1 1 2				
8.0	115.92	554	1.86	29152	1 2 5				
6.7	138.00	628	1.91	29150	1 4 0				
6.1	151.13	682	1.79	29150	1 6 0				
4.4	208.65	928	1.37	29105	2 1 2			6 1 1 0 6 - 1 1 4 - _ _ _	80
4.0	231.83	1026	1.24	29057	2 5 0				
10	97.33	469	2.86	29117	C 0 7 3 0 1 0 0 _ M _ - _ _ . 5 5 6 A _	95.3	80b	6 1 1 0 6 - 1 1 4 - _ _ _	80
8.2	113.20	542	2.47	29096	1 1 8				
5.8	159.98	757	1.77	29044	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.4	170.81	807	1.66	29044	1 8 0				
4.8	194.65	866	1.47	29013	2 0 0				
4.1	226.39	995	1.28	29063	2 2 5				
3.7	249.94	1167	1.15	28995	2 6 5				
3.4	273.68	1274	1.05	28926	2 8 0				
2.9	319.95	1394	0.91	28926	3 1 5				
2.7	341.61	1485	0.85	28858	3 6 0				
6.6	139.29	640	3.87	41880	C 0 8 2 0 1 4 0 _ M _ - _ _ . 5 5 6 A _	141.3	80b	6 1 1 0 7 - 1 2 0 - _ _ _	90
6.0	153.00	701	3.59	41880	1 6 0				
4.5	204.75	926	2.84	41868	2 1 2				
3.9	235.77	1053	2.49	41868	2 5 0				
2.7	346.04	1542	1.60	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 5 5 6 A _	157.3	80b	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.3	402.47	1789	1.38	41712	4 0 0				
2.1	441.20	1952	1.26	41712	4 5 0				
1.9	484.35	2253	1.12	41712	5 0 0				
1.6	563.34	2616	0.96	41712	5 6 0				
1.5	617.55	2856	0.88	41712	6 3 0				
1.4	684.72	3146	0.89	41656	7 1 0				
1.2	758.78	3550	1.40	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 5 5 6 A _	230.3	80b	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.0	882.52	4125	1.20	53383	9 0 0				
.96	967.44	4506	1.10	53383	1 0 C				
.82	1125.21	5235	0.95	53383	1 1 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
.76	1214.05	5608	0.90	53338	1 2 C				
2.0	474.32	2272	3.52	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ . 5 5 6 A _	359.3	80b	6 1 1 0 9 - 1 3 0 - _ _ _	120
1.7	545.04	2608	3.07	87375	5 6 0				
1.4	676.39	3202	2.47	87375	6 3 0				
1.2	777.24	3676	2.16	87375	7 1 0				
1.1	863.38	4063	1.95	87375	8 0 0				
1.0	895.55	4214	1.87	87375	9 0 0				
.93	994.80	4656	1.70	87375	1 0 C				
.81	1143.12	5344	1.48	87375	1 1 C				
.72	1282.76	6018	1.31	87375	1 2 C				
.64	1450.35	6795	1.16	87375	1 4 C				
.56	1637.38	7630	1.04	87375	1 6 C				
.50	1851.29	8613	0.92	87375	1 8 C			6 1 1 1 0 - 1 3 0 - _ _ _	140
.46	2005.61	9353	0.84	87375	2 0 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.75 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
161	8.59	36	2.19	2841	C 0 3 2 0 8 . 0 _ M _ - _ _ . 7 5 4 A _	21.5	80b	6 1 2 0 1 - 1 0 3 - _ _ _	38
119	11.61	49	1.77	2837	1 1 .				
105	13.20	55	1.62	2832	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
93	14.95	63	1.48	2832	1 4 .				
85	16.36	61	1.41	2827	1 6 .			6 1 2 0 1 - 1 0 3 - _ _ _	38
72	19.13	80	1.24	2821	1 8 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
67	20.61	85	1.18	2821	2 0 .				
63	22.11	81	1.16	2821	2 2 .				
55	25.14	92	1.06	2810	2 5 .				
49	28.48	103	0.97	2810	2 8 .				
41	33.71	137	0.82	2790	3 2 .				
38	36.43	130	0.82	2790	3 6 .				
161	8.59	37	3.62	5287	C 0 4 2 0 8 . 0 _ M _ - _ _ . 7 5 4 A _	24.5	80b	6 1 1 0 1 - 1 0 6 - _ _ _	38
119	11.61	50	2.94	5283	1 1 .				
105	13.20	57	2.69	5283	1 2 .				
93	14.95	64	2.47	5280	1 4 .				
85	16.36	63	2.27	5280	1 6 .				
72	19.13	81	2.06	5280	1 8 .				
67	20.61	87	1.96	5280	2 0 .				
63	22.11	84	1.85	5280	2 2 .				
55	25.14	95	1.69	5276	2 5 .				
49	28.48	106	1.57	5276	2 8 .				
41	33.71	139	1.38	5267	3 2 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
38	36.43	134	1.31	5270	3 6 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
35	39.26	143	1.25	5270	4 0 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
30	45.50	186	1.10	5270	4 5 .				
26	53.31	217	0.96	5250	5 0 .				
25	56.19	200	0.98	5260	5 6 .				
22	64.21	226	0.89	5250	6 3 .				
75	18.53	80	3.49	7440	C 0 5 2 0 1 8 . _ M _ - _ _ . 7 5 4 A _	27.5	80b	6 1 1 0 3 - 1 0 8 - _ _ _	48
66	21.05	91	3.23	7439	2 0 .				
56	24.86	97	3.86	7439	2 5 .				
49	28.24	109	3.53	7438	2 8 .				
43	32.55	138	2.46	7437	3 2 .				
39	35.86	137	2.98	7437	3 6 .				
34	40.74	154	2.73	7437	4 0 .				
30	46.84	197	1.94	7437	4 5 .				
27	50.93	213	1.83	7435	5 0 .				
25	55.45	206	2.17	7435	5 6 .				
22	63.00	231	1.97	7433	6 3 .				
19	73.37	300	1.35	7427	7 1 .				
17	82.67	338	1.18	7420	8 0 .				
15	90.67	326	1.48	7420	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
14	98.57	350	1.38	7414	1 0 0				
8.7	160.00	550	0.87	7400	1 6 0				
13	103.90	418	0.96	7407	C 0 5 3 0 1 0 0 _ M _ - _ _ . 7 5 4 A _	31.5	80b	6 1 1 0 3 - 1 0 8 - _ _ _	48
12	118.73	475	0.84	7395	1 1 8			6 1 1 0 4 - 1 0 8 - _ _ _	60
29	47.32	209	3.16	11868	C 0 6 2 0 4 5 . _ MC - _ _ . 7 5 4 A _	40.5	80b	6 1 1 0 4 - 1 1 0 - _ _ _	60
27	50.52	223	2.97	11848	5 0 .				
25	55.71	219	3.02	11878	5 6 .				
21	64.80	252	2.62	11848	6 3 .				
19	73.92	321	2.06	11771	7 1 .				
17	80.94	351	1.88	11771	8 0 .				
15	91.58	349	1.90	11771	9 0 .				
14	97.78	369	1.80	11771	1 0 0				
13	110.57	473	1.40	11642	1 1 2				
11	124.00	526	1.01	11600	1 2 5				
10	143.08	527	1.26	11600	1 4 0				
8.8	156.67	573	1.16	11600	1 6 0				
6.5	214.00	765	0.87	11500	2 1 2			6 1 1 0 5 - 1 1 0 - _ _ _	70
13	103.86	441	1.50	11690	C 0 6 3 0 1 0 0 _ MC - _ _ . 7 5 4 A _	45.5	80b	6 1 1 0 4 - 1 1 0 - _ _ _	60
12	117.99	500	1.32	11590	1 1 8				
11	130.00	477	1.39	11690	1 3 2				
9.4	147.69	536	1.24	11627	1 5 0				
8.2	169.81	710	0.93	11500	1 6 0				
7.5	184.62	770	0.86	11400	1 8 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
6.9	201.02	715	0.93	11500	2 0 0			6 1 1 0 4 - 1 1 0 - _ _ _	60
6.1	228.38	805	0.82	11400	2 2 5			6 1 1 0 5 - 1 1 0 - _ _ _	70

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.75 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
29	47.32	209	3.31	9565	C 0 6 2 0 4 5 . _ MJ - _ _ . 7 5 4 A _	40.5	80b	6 1 1 0 4 - 1 1 4 - _ _ _	60
27	50.52	223	3.17	9557	5 0 .				
25	55.71	219	3.46	9570	5 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
21	64.80	253	3.11	9551	6 3 .				
19	73.92	322	2.45	9495	7 1 .				
17	80.94	351	1.91	9476	8 0 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
15	91.58	349	2.43	9495	9 0 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
14	97.78	370	2.29	9486	1 0 0				
13	110.57	475	1.46	9402	1 1 2			6 1 1 0 4 - 1 1 4 - _ _ _	60
11	124.00	526	1.01	9380	1 2 5				
10	143.08	529	1.60	9390	1 4 0			6 1 1 0 5 - 1 1 4 - _ _ _	70
8.8	156.67	575	1.48	9380	1 6 0				
6.5	214.00	767	1.11	9270	2 1 2				
5.8	240.00	852	1.00	9220	2 5 0				
13	103.86	444	1.94	9427	C 0 6 3 0 1 0 0 _ MJ - _ _ . 7 5 4 A _	45.5	80b	6 1 1 0 5 - 1 1 4 - _ _ _	70
12	117.99	500	1.76	9390	1 1 8				
11	130.00	476	1.86	9433	1 3 2				
9.4	147.69	539	1.71	9400	1 5 0				
8.2	169.81	712	1.22	9270	1 6 0				
7.5	184.62	770	1.12	9230	1 8 0				
6.9	201.02	720	1.40	9290	2 0 0				
6.1	228.38	808	1.30	9250	2 2 5			6 1 2 0 6 - 1 1 4 - _ _ _	80
28	49.90	227	3.87	29187	C 0 7 2 0 5 0 . _ M _ - _ _ . 7 5 4 A _	85.5	80b	6 1 1 0 5 - 1 1 4 - _ _ _	70
22	61.62	268	3.62	29182	6 3 .				
20	69.00	311	2.98	29182	7 1 .				
18	75.56	340	2.75	29176	8 0 .				
16	88.26	379	2.71	29175	9 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
14	99.79	424	2.47	29175	1 0 0				
13	104.32	462	2.10	29175	1 1 2			6 1 1 0 5 - 1 1 4 - _ _ _	70
12	115.92	513	1.88	29163	1 2 5				
10	138.00	582	1.92	29157	1 4 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
9.2	151.13	634	1.80	29157	1 6 0				
6.6	208.65	856	1.40	29127	2 1 2				
6.0	231.83	948	1.29	29090	2 5 0				
14	97.33	431	3.11	29134	C 0 7 3 0 1 0 0 _ M _ - _ _ . 7 5 4 A _	94.5	80b	6 1 1 0 6 - 1 1 4 - _ _ _	80
12	113.20	498	2.69	29090	1 1 8				
8.7	159.98	696	1.92	29048	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
8.1	170.81	740	1.81	29063	1 8 0				
7.1	194.65	798	1.49	29063	2 0 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
6.1	226.39	921	1.32	29017	2 2 5				
5.5	249.94	1073	1.25	28971	2 6 5			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.1	273.68	1172	1.14	28926	2 8 0				
4.3	319.95	1280	0.99	23447	3 1 5				
4.1	341.61	1364	0.93	18101	3 6 0				
3.7	373.83	1584	0.85	15869	4 0 0				
10	139.29	590	3.91	41882	C 0 8 2 0 1 4 0 _ M _ - _ _ . 7 5 4 A _	140.5	80b	6 1 1 0 7 - 1 2 0 - _ _ _	90
9.1	153.00	647	3.63	41883	1 6 0				
6.8	204.75	854	2.89	41867	2 1 2				
5.9	235.77	978	2.59	41875	2 5 0				
4.0	346.04	1415	1.74	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 7 5 4 A _	156.5	80b	6 1 1 0 7 - 1 2 0 - _ _ _	90
3.4	402.47	1642	1.50	41712	4 0 0				
3.1	441.20	1794	1.38	41712	4 5 0				
2.9	484.35	2062	1.22	41712	5 0 0				
2.5	563.34	2395	1.05	41712	5 6 0				
2.2	617.55	2617	0.96	41712	6 3 0				
2.0	684.72	2880	0.97	41656	7 1 0				
1.7	796.39	3346	0.84	41656	8 0 0			6 1 1 0 8 - 1 2 0 - _ _ _	100
1.8	758.78	3244	1.53	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 7 5 4 A _	229.5	80b	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.6	882.52	3770	1.31	53383	9 0 0				
1.4	967.44	4121	1.20	53383	1 0 C				
1.2	1125.21	4788	1.03	53383	1 1 C				
1.1	1214.05	5128	0.98	53338	1 2 C			6 1 1 0 9 - 1 2 4 - _ _ _	120
1.0	1331.65	5669	0.87	53383	1 4 C				
2.9	474.32	2075	3.85	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ . 7 5 4 A _	358.5	80b	6 1 1 0 9 - 1 3 0 - _ _ _	120
2.5	545.04	2382	3.36	87375	5 6 0				
2.0	676.39	2926	2.71	87375	6 3 0				
1.8	777.24	3360	2.36	87375	7 1 0				
1.6	863.38	3715	2.13	87375	8 0 0				
1.5	895.55	3852	2.05	87375	9 0 0				
1.4	994.80	4259	1.85	87375	1 0 C				
1.2	1143.12	4890	1.62	87375	1 1 C				
1.1	1282.76	5504	1.44	87375	1 2 C				
.95	1450.35	6215	1.27	87375	1 4 C				
.85	1637.38	6984	1.13	87375	1 6 C				
.75	1851.29	7886	1.00	87375	1 8 C				
.69	2005.61	8561	0.92	87375	2 0 C			6 1 1 1 0 - 1 3 0 - _ _ _	140
.63	2196.36	9362	0.84	87375	2 2 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.75 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
106	8.59	55	1.59	2832	C 0 3 2 0 8 . 0 _ M _ - _ _ . 7 5 6 A _	25.4	90S	6 1 2 0 1 - 1 0 3 - _ _ _	38
78	11.61	74	1.30	2823	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
69	13.20	84	1.18	2818	1 2 .				
61	14.95	94	1.08	2814	1 4 .				
56	16.36	91	1.05	2815	1 6 .				
48	19.13	120	0.90	2798	1 8 .				
44	20.61	128	0.85	2792	2 0 .				
41	22.11	121	0.86	2798	2 2 .				
106	8.59	56	2.64	5283	C 0 4 2 0 8 . 0 _ M _ - _ _ . 7 5 6 A _	28.4	90S	6 1 1 0 1 - 1 0 6 - _ _ _	38
78	11.61	75	2.15	5277	1 1 .				
69	13.20	85	1.96	5274	1 2 .				
61	14.95	96	1.79	5274	1 4 .				
56	16.36	93	1.68	5274	1 6 .				
48	19.13	122	1.49	5271	1 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
44	20.61	130	1.43	5267	2 0 .				
41	22.11	124	1.36	5267	2 2 .			6 1 1 0 1 - 1 0 6 - _ _ _	38
36	25.14	140	1.25	5267	2 5 .				
32	28.48	158	1.15	5262	2 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
27	33.71	210	0.99	5248	3 2 .				
25	36.43	199	0.96	5257	3 6 .				
23	39.26	213	0.92	5251	4 0 .				
78	11.66	77	3.56	7440	C 0 5 2 0 1 1 . _ M _ - _ _ . 7 5 6 A _	32.4	90S	6 1 1 0 3 - 1 0 8 - _ _ _	48
71	12.85	85	3.36	7440	1 2 .				
62	14.59	96	3.11	7440	1 4 .				
57	16.09	96	3.88	7440	1 6 .				
49	18.53	121	2.68	7437	1 8 .				
43	21.05	136	2.48	7435	2 0 .				
40	22.56	132	3.06	7437	2 2 .				
37	24.86	144	2.86	7435	2 5 .				
32	28.24	163	2.60	7433	2 8 .				
28	32.55	208	1.86	7429	3 2 .				
25	35.86	203	2.19	7429	3 6 .				
22	40.74	229	1.98	7427	4 0 .				
19	46.84	293	1.29	7423	4 5 .				
18	50.93	320	1.26	7419	5 0 .				
16	55.45	305	1.57	7423	5 6 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
14	63.00	343	1.40	7419	6 3 .				
12	73.37	452	0.88	7401	7 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
10	90.67	482	1.00	7395	9 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
9.2	98.57	520	0.93	7388	1 0 0				
32	28.18	172	3.84	11937	C 0 6 2 0 2 8 . _ M C - _ _ . 7 5 6 A _	44.4	90S	6 1 1 0 4 - 1 1 0 - _ _ _	60
27	33.48	226	2.93	11816	3 2 .				
25	35.79	215	3.07	11826	3 6 .				
22	40.57	242	2.73	11813	4 0 .				
19	47.32	314	2.11	11803	4 5 .				
18	50.52	336	1.97	11787	5 0 .				
16	55.71	325	2.03	11787	5 6 .				
14	64.80	374	1.77	11757	6 3 .				
12	73.92	481	1.38	11626	7 1 .				
11	80.94	527	1.26	11580	8 0 .				
10	91.58	514	1.29	11680	9 0 .				
9.3	97.78	549	1.21	11580	1 0 0				
8.2	110.57	710	0.93	11450	1 1 2				
6.4	143.08	781	0.85	11500	1 4 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
8.8	103.86	664	1.00	11539	C 0 6 3 0 1 0 0 _ M C - _ _ . 7 5 6 A _	49.4	90S	6 1 1 0 4 - 1 1 0 - _ _ _	60
7.7	117.99	752	0.88	11439	1 1 8			6 1 1 0 5 - 1 1 0 - _ _ _	70
7.0	130.00	706	0.94	11539	1 3 2			6 1 1 0 4 - 1 1 0 - _ _ _	60
6.2	147.69	797	0.83	11439	1 5 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
27	33.48	226	3.13	9560	C 0 6 2 0 3 2 . _ M J - _ _ . 7 5 6 A _	44.4	90S	6 1 1 0 4 - 1 1 4 - _ _ _	60
25	35.79	216	3.46	9568	3 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
22	40.57	242	3.17	9560	4 0 .				
19	47.32	315	2.48	9502	4 5 .				
18	50.52	335	2.38	9490	5 0 .				
16	55.71	325	2.53	9508	5 6 .				
14	64.80	375	2.26	9481	6 3 .				
12	73.92	483	1.76	9402	7 1 .				
11	80.94	527	1.44	9369	8 0 .				
10	91.58	517	1.64	9403	9 0 .				
9.3	97.78	551	1.54	9379	1 0 0				
8.2	110.57	711	1.02	9263	1 1 2				
6.4	143.08	783	1.08	9270	1 4 0				
5.8	156.67	852	1.00	9230	1 6 0				
8.8	103.86	669	1.30	9296	C 0 6 3 0 1 0 0 _ M J - _ _ . 7 5 6 A _	49.4	90S	6 1 1 0 5 - 1 1 4 - _ _ _	70
7.7	117.99	752	1.15	9235	1 1 8				
7.0	130.00	706	1.42	9301	1 3 2				
6.2	147.69	798	1.30	9240	1 5 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
5.4	169.81	1070	0.80	9040	1 6 0				
4.5	201.02	1068	1.07	9090	2 0 0				
4.0	228.38	1210	0.98	9010	2 2 5				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

0.75 kW

6 POLE

N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	UNIT DESIGNATION Column Entry [1] Through [20] Spaces to be filled when entering order	Kg Weight of Base Mount Unit	Motor Frame Size	SERIES X Cone Ring Output Coupling Spaces to be filled when entering order	MM Max Bore Coupling Driven Half
21	44.13	304	3.11	29168	C 0 7 2 0 4 5 . _ M _ - _ _ . 7 5 6 A _	89.4	90S	6 1 1 0 5 - 1 1 4 - _ _ _	70
18	49.90	342	2.79	29158	5 0 .				
17	53.63	350	2.88	29156	5 6 .				
15	61.62	403	2.58	29156	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
13	69.00	466	2.25	29142	7 1 .				
12	75.56	511	2.07	29127	8 0 .				
10	88.26	566	1.96	29132	9 0 .				
9.1	99.79	639	1.78	29132	1 0 0				
8.7	104.32	696	1.58	29132	1 1 2				
7.9	115.92	768	1.34	29099	1 2 5				
6.6	138.00	871	1.38	29095	1 4 0				
6.0	151.13	946	1.29	29095	1 6 0				
4.4	208.65	1286	0.99	29000	2 1 2			6 1 1 0 6 - 1 1 4 - _ _ _	80
3.9	231.83	1423	0.89	28900	2 5 0				
9.4	97.33	650	2.06	29078	C 0 7 3 0 1 0 0 _ M _ - _ _ . 7 5 6 A _	98.4	90S	6 1 1 0 6 - 1 1 4 - _ _ _	80
8.0	113.20	751	1.78	29048	1 1 8				
5.7	159.98	1049	1.28	28971	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
5.3	170.81	1119	1.20	28971	1 8 0				
4.7	194.65	1200	1.06	28926	2 0 0				
4.0	226.39	1380	0.92	29000	2 2 5				
3.6	249.94	1618	0.83	28900	2 6 5				
9.2	98.53	638	3.67	41871	C 0 8 2 0 1 0 0 _ M _ - _ _ . 7 5 6 A _	144.4	90S	6 1 1 0 7 - 1 2 0 - _ _ _	90
7.7	117.89	791	3.26	41879	1 2 5				
6.5	139.29	887	2.79	41858	1 4 0				
5.9	153.00	972	2.59	41858	1 6 0				
4.4	204.75	1284	2.05	41832	2 1 2				
3.9	235.77	1459	1.79	41832	2 5 0				
2.6	346.04	2138	1.15	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ . 7 5 6 A _	160.4	90S	6 1 1 0 7 - 1 2 0 - _ _ _	90
2.3	402.47	2480	1.00	41712	4 0 0				
2.1	441.20	2706	0.91	41712	4 5 0				
1.9	484.35	3123	0.80	41712	5 0 0				
3.6	249.73	1543	3.61	53800	C 0 9 2 0 2 5 0 _ M _ - _ _ . 7 5 6 A _	212.4	90S	6 1 1 0 9 - 1 2 4 - _ _ _	120
1.2	758.78	4921	1.01	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ . 7 5 6 A _	233.4	90S	6 1 1 0 8 - 1 2 4 - _ _ _	100
1.0	882.52	5717	0.87	53383	9 0 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
1.9	474.32	3149	2.54	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ . 7 5 6 A _	362.4	90S	6 1 1 0 9 - 1 3 0 - _ _ _	120
1.7	545.04	3615	2.21	87375	5 6 0				
1.3	676.39	4439	1.79	87375	6 3 0				
1.2	777.24	5096	1.56	87375	7 1 0				
1.1	863.38	5632	1.41	87375	8 0 0				
1.0	895.55	5841	1.35	87375	9 0 0				
.91	994.80	6453	1.22	87375	1 0 C				
.80	1143.12	7408	1.07	87375	1 1 C				
.71	1282.76	8342	0.95	87375	1 2 C				
.63	1450.35	9419	0.84	87375	1 4 C			6 1 1 1 0 - 1 3 0 - _ _ _	140

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

1.1 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
161	8.59	54	1.49	2831	C 0 3 2 0 8 . 0 _ M _ - _ _ 1 . 1 4 A _	24.8	90S	6 1 2 0 1 - 1 0 3 - _ _ _	38
119	11.61	72	1.20	2824	1 1 .				
105	13.20	82	1.10	2817	1 2 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
92	14.95	93	1.00	2817	1 4 .				
84	16.36	90	0.96	2810	1 6 .				
72	19.13	117	0.84	2800	1 8 .				
161	8.59	55	2.46	5286	C 0 4 2 0 8 . 0 _ M _ - _ _ 1 . 1 4 A _	27.8	90S	6 1 1 0 1 - 1 0 6 - _ _ _	38
119	11.61	74	2.00	5279	1 1 .				
105	13.20	84	1.83	5280	1 2 .				
92	14.95	94	1.68	5275	1 4 .				
84	16.36	93	1.54	5275	1 6 .				
72	19.13	119	1.40	5275	1 8 .				
67	20.61	128	1.33	5275	2 0 .				
62	22.11	124	1.25	5275	2 2 .				
55	25.14	139	1.15	5268	2 5 .				
48	28.48	156	1.06	5268	2 8 .				
41	33.71	205	0.93	5254	3 2 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
38	36.43	197	0.89	5260	3 6 .				
35	39.26	211	0.85	5260	4 0 .				
166	8.31	55	3.80	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 1 . 1 4 A _	31.8	90S	6 1 1 0 2 - 1 0 8 - _ _ _	42
118	11.66	75	3.13	7440	1 1 .				
107	12.85	83	2.96	7440	1 2 .				
95	14.59	94	2.74	7438	1 4 .				
86	16.09	96	3.43	7440	1 6 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
74	18.53	118	2.37	7440	1 8 .				
66	21.05	134	2.20	7437	2 0 .				
61	22.56	131	2.79	7437	2 2 .				
56	24.86	143	2.62	7437	2 5 .				
49	28.24	161	2.40	7435	2 8 .				
42	32.55	204	1.67	7433	3 2 .				
38	35.86	202	2.02	7433	3 6 .				
34	40.74	227	1.85	7433	4 0 .				
29	46.84	290	1.32	7434	4 5 .				
27	50.93	313	1.25	7428	5 0 .				
25	55.45	303	1.47	7428	5 6 .				
22	63.00	340	1.34	7422	6 3 .				
19	73.37	442	0.92	7420	7 1 .				
17	82.67	498	0.80	7410	8 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
15	90.67	480	1.00	7410	9 0 .				
14	98.57	515	0.93	7400	1 0 0				
66	20.96	140	3.78	11944	C 0 6 2 0 2 0 . _ M C - _ _ 1 . 1 4 A _	43.8	90S	6 1 1 0 4 - 1 1 0 - _ _ _	60
49	28.18	170	3.75	11936	2 8 .				
41	33.48	220	2.82	11820	3 2 .				
39	35.79	214	3.10	11836	3 6 .				
34	40.57	240	2.75	11832	4 0 .				
29	47.32	308	2.15	11795	4 5 .				
27	50.52	328	2.02	11764	5 0 .				
25	55.71	323	2.05	11811	5 6 .				
21	64.80	371	1.78	11764	6 3 .				
19	73.92	473	1.40	11644	7 1 .				
17	80.94	517	1.28	11644	8 0 .				
15	91.58	514	1.29	11644	9 0 .				
14	97.78	543	1.22	11644	1 0 0				
12	110.57	696	0.95	11500	1 1 2				
13	103.86	649	1.02	11500	C 0 6 3 0 1 0 0 _ M C - _ _ 1 . 1 4 A _	48.8	90S	6 1 1 0 4 - 1 1 0 - _ _ _	60
12	117.99	736	0.90	11400	1 1 8			6 1 1 0 5 - 1 1 0 - _ _ _	70
11	130.00	703	0.94	11500	1 3 2			6 1 1 0 4 - 1 1 0 - _ _ _	60
9.3	147.69	789	0.84	11500	1 5 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
66	20.96	140	3.78	9607	C 0 6 2 0 2 0 . _ M J - _ _ 1 . 1 4 A _	43.8	90S	6 1 1 0 4 - 1 1 4 - _ _ _	60
49	28.18	170	3.75	9602	2 8 .				
41	33.48	220	2.82	9563	3 2 .				
39	35.79	214	3.24	9572	3 6 .				
34	40.57	240	2.95	9562	4 0 .				
29	47.32	308	2.25	9506	4 5 .				
27	50.52	329	2.15	9495	5 0 .				
25	55.71	323	2.35	9514	5 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
21	64.80	372	2.11	9486	6 3 .				
19	73.92	474	1.66	9404	7 1 .				
17	80.94	517	1.30	9380	8 0 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
15	91.58	514	1.65	9404	9 0 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
14	97.78	545	1.56	9390	1 0 0				
12	110.57	699	0.99	9270	1 1 2			6 1 1 0 4 - 1 1 4 - _ _ _	60
13	103.86	653	1.32	9300	C 0 6 3 0 1 0 0 _ M J - _ _ 1 . 1 4 A _	48.8	90S	6 1 1 0 5 - 1 1 4 - _ _ _	70
12	117.99	736	1.19	9250	1 1 8				
11	130.00	701	1.26	9300	1 3 2				
9.3	147.69	794	1.16	9260	1 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

1.1 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	45	30.81	210	3.78	29049	C 0 7 2 0 3 2 . _ M _ - _ _ 1 . 1 4 A _	88.8	90S	6 1 1 0 5 - 1 1 4 - _ _ _	70
	31	44.13	297	2.93	29166	4 5 .				
	28	49.90	334	2.63	29166	5 0 .				
	26	53.63	346	2.73	29168	5 6 .				
	22	61.62	394	2.46	29152	6 3 .				
	20	69.00	458	2.02	29152	7 1 .				
	18	75.56	500	1.87	29136	8 0 .				
	16	88.26	558	1.84	29133	9 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
	14	99.79	625	1.68	29133	1 0 0				
	13	104.32	680	1.43	29133	1 1 2			6 1 1 0 5 - 1 1 4 - _ _ _	70
	12	115.92	755	1.28	29100	1 2 5				
	10	138.00	857	1.31	29084	1 4 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
	9.1	151.13	934	1.22	29084	1 6 0				
	6.6	208.65	1260	0.95	29000	2 1 2			6 1 1 0 6 - 1 1 4 - _ _ _	80
	6.0	231.83	1396	0.87	28900	2 5 0				
	14	97.33	634	2.11	29097	C 0 7 3 0 1 0 0 _ M _ - _ _ 1 . 1 4 A _	97.8	90S	6 1 1 0 6 - 1 1 4 - _ _ _	80
	12	113.20	734	1.83	29029	1 1 8				
	16	87.29	559	3.79	41877	C 0 8 2 0 9 0 . _ M _ - _ _ 1 . 1 4 A _	143.8	90S	6 1 1 0 6 - 1 2 0 - _ _ _	80
	14	98.53	627	3.44	41884	1 0 0			6 1 1 0 7 - 1 2 0 - _ _ _	90
	12	117.89	774	3.20	41868	1 2 5				
	10	139.29	869	2.66	41852	1 4 0				
	9.0	153.00	953	2.47	41855	1 6 0				
	6.7	204.75	1257	1.96	41810	2 1 2				
	5.9	235.77	1440	1.76	41833	2 5 0				
	4.0	346.04	2083	1.19	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ 1 . 1 4 A _	159.8	90S	6 1 1 0 7 - 1 2 0 - _ _ _	90
	3.4	402.47	2417	1.02	41712	4 0 0				
	3.1	441.20	2641	0.93	41712	4 5 0				
	2.8	484.35	3035	0.83	41712	5 0 0				
	5.5	249.73	1517	3.68	53800	C 0 9 2 0 2 5 0 _ M _ - _ _ 1 . 1 4 A _	211.8	90S	6 1 1 0 9 - 1 2 4 - _ _ _	120
	1.8	758.78	4775	1.04	53383	C 0 9 4 0 8 0 0 _ M _ - _ _ 1 . 1 4 A _	232.8	90S	6 1 1 0 8 - 1 2 4 - _ _ _	100
	1.6	882.52	5549	0.89	53383	9 0 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
	1.4	967.44	6066	0.82	53383	1 0 C				
	2.9	474.32	3054	2.62	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 1 . 1 4 A _	361.8	90S	6 1 1 0 9 - 1 3 0 - _ _ _	120
	2.5	545.04	3507	2.28	87375	5 6 0				
	2.0	676.39	4308	1.84	87375	6 3 0				
	1.8	777.24	4946	1.60	87375	7 1 0				
	1.6	863.38	5469	1.45	87375	8 0 0				
	1.5	895.55	5670	1.39	87375	9 0 0				
	1.4	994.80	6269	1.26	87375	1 0 C				
	1.2	1143.12	7198	1.10	87375	1 1 C				
	1.1	1282.76	8101	0.98	87375	1 2 C				
	.95	1450.35	9148	0.86	87375	1 4 C			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE	107	8.59	80	1.10	2817	C 0 3 2 0 8 . 0 _ M _ - _ _ 1 . 1 6 A _	29.5	90L	6 1 2 0 1 - 1 0 3 - _ _ _	38
	79	11.61	107	0.90	2803	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
	70	13.20	122	0.81	2796	1 2 .				
	107	8.59	82	1.82	5280	C 0 4 2 0 8 . 0 _ M _ - _ _ 1 . 1 6 A _	32.5	90L	6 1 1 0 1 - 1 0 6 - _ _ _	38
	79	11.61	110	1.48	5271	1 1 .				
	70	13.20	123	1.35	5266	1 2 .				
	62	14.95	139	1.24	5266	1 4 .				
	56	16.36	136	1.16	5266	1 6 .				
	48	19.13	178	1.03	5261	1 8 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
	45	20.61	189	0.98	5254	2 0 .				
	42	22.11	180	0.94	5254	2 2 .				
	37	25.14	203	0.86	5254	2 5 .				
	111	8.31	81	3.01	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 1 . 1 6 A _	36.5	90L	6 1 1 0 2 - 1 0 8 - _ _ _	42
	79	11.66	112	2.46	7440	1 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
	72	12.85	123	2.32	7440	1 2 .				
	63	14.59	139	2.14	7440	1 4 .				
	57	16.09	140	2.67	7440	1 6 .				
	50	18.53	175	1.85	7436	1 8 .				
	44	21.05	197	1.71	7432	2 0 .				
	41	22.56	192	2.11	7436	2 2 .				
	37	24.86	210	1.97	7432	2 5 .				
	33	28.24	236	1.79	7428	2 8 .				
	28	32.55	302	1.28	7420	3 2 .				
	26	35.86	295	1.51	7420	3 6 .				
	23	40.74	332	1.37	7416	4 0 .				
	20	46.84	425	0.89	7407	4 5 .				
	18	50.93	464	0.87	7401	5 0 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
	17	55.45	443	1.08	7407	5 6 .				
	15	63.00	498	0.97	7401	6 3 .				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

1.1 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
71	12.97	130	3.96	11928	C 0 6 2 0 1 2 . _ MC - _ _ 1 . 1 6 A _	48.5	90L	6 1 1 0 4 - 1 1 0 - _ _ _	60
63	14.56	146	3.69	11914	1 4 .				
50	18.49	184	3.18	11900	1 8 .				
44	20.96	208	2.94	11886	2 0 .				
41	22.40	201	3.28	11900	2 2 .				
37	25.11	225	2.94	11886	2 5 .				
33	28.18	250	2.65	11879	2 8 .				
27	33.48	328	2.02	11739	3 2 .				
26	35.79	313	2.12	11759	3 6 .				
23	40.57	352	1.88	11733	4 0 .				
19	47.32	455	1.45	11693	4 5 .				
18	50.52	487	1.36	11670	5 0 .				
17	55.71	472	1.40	11670	5 6 .				
14	64.80	543	1.22	11623	6 3 .				
12	73.92	698	0.95	11473	7 1 .				
11	80.94	764	0.87	11402	8 0 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
10	91.58	746	0.89	11502	9 0 .				
9.4	97.78	796	0.83	11402	1 0 0				
71	12.97	130	3.96	9617	C 0 6 2 0 1 2 . _ MJ - _ _ 1 . 1 6 A _	48.5	90L	6 1 1 0 4 - 1 1 4 - _ _ _	60
63	14.56	146	3.69	9601	1 4 .				
50	18.49	184	3.18	9577	1 8 .				
44	20.96	208	2.94	9566	2 0 .				
41	22.40	201	3.37	9574	2 2 .				
37	25.11	224	3.09	9563	2 5 .				
33	28.18	250	2.84	9555	2 8 .				
27	33.48	328	2.16	9497	3 2 .				
26	35.79	313	2.39	9511	3 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
23	40.57	351	2.19	9496	4 0 .				
19	47.32	457	1.71	9415	4 5 .				
18	50.52	485	1.64	9396	5 0 .				
17	55.71	472	1.74	9424	5 6 .				
14	64.80	545	1.56	9382	6 3 .				
12	73.92	701	1.21	9270	7 1 .				
11	80.94	765	0.99	9225	8 0 .				
10	91.58	750	1.13	9266	9 0 .				
9.4	97.78	799	1.06	9235	1 0 0				
8.9	103.86	970	0.90	9110	C 0 6 3 0 1 0 0 _ MJ - _ _ 1 . 1 6 A _	53.5	90L	6 1 1 0 5 - 1 1 4 - _ _ _	70
7.1	130.00	1024	0.98	9110	1 3 2				
6.2	147.69	1158	0.90	9020	1 5 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
30	30.81	311	2.76	29157	C 0 7 2 0 3 2 . _ M _ - _ _ 1 . 1 6 A _	93.5	90L	6 1 1 0 5 - 1 1 4 - _ _ _	70
21	44.13	441	2.14	29139	4 5 .				
18	49.90	497	1.93	29119	5 0 .				
17	53.63	508	1.99	29116	5 6 .				
15	61.62	585	1.78	29116	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
13	69.00	677	1.55	29088	7 1 .				
12	75.56	741	1.43	29061	8 0 .				
10	88.26	821	1.35	29070	9 0 .				
9.2	99.79	928	1.23	29070	1 0 0				
8.8	104.32	1010	1.09	29070	1 1 2				
7.9	115.92	1115	0.92	29006	1 2 5				
6.7	138.00	1263	0.95	29000	1 4 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
6.1	151.13	1372	0.89	29000	1 6 0				
9.5	97.33	943	1.42	29011	C 0 7 3 0 1 0 0 _ M _ - _ _ 1 . 1 6 A _	102.5	90L	6 1 1 0 6 - 1 1 4 - _ _ _	80
8.1	113.20	1090	1.23	28964	1 1 8				
12	76.50	756	3.63	41843	C 0 8 2 0 8 0 . _ M _ - _ _ 1 . 1 6 A _	148.5	90L	6 1 1 0 7 - 1 2 0 - _ _ _	90
11	87.29	823	2.78	41859	9 0 .				
9.3	98.53	926	2.53	41844	1 0 0				
9.0	102.38	1005	3.02	41844	1 1 2				
7.8	117.89	1147	2.25	41860	1 2 5				
6.6	139.29	1288	1.93	41820	1 4 0				
6.0	153.00	1410	1.79	41820	1 6 0				
7.7	119.38	1178	3.95	53755	C 0 9 2 0 1 2 5 _ M _ - _ _ 1 . 1 6 A _	216.5	90L	6 1 1 0 8 - 1 2 4 - _ _ _	100
5.7	161.44	1482	3.76	53741	1 6 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
4.1	222.08	2007	2.78	53713	2 1 2				
3.7	249.73	2239	2.49	53703	2 5 0				
1.9	474.32	4569	1.75	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 1 . 1 6 A _	366.5	90L	6 1 1 0 9 - 1 3 0 - _ _ _	120
1.7	545.04	5244	1.52	87375	5 6 0				
1.4	676.39	6440	1.23	87375	6 3 0				
1.2	777.24	7393	1.07	87375	7 1 0				
1.1	863.38	8170	0.97	87375	8 0 0				
1.0	895.55	8474	0.93	87375	9 0 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
.92	994.80	9362	0.84	87375	1 0 C				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

1.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
162	8.59	73	1.10	2820	C 0 3 2 0 8 . 0 _ M _ - _ _ 1 . 5 4 A _	27.0	90L	6 1 2 0 1 - 1 0 3 - _ _ _	38
120	11.61	98	0.89	2810	1 1 .			6 1 1 0 1 - 1 0 3 - _ _ _	38
105	13.20	111	0.81	2800	1 2 .				
162	8.59	75	1.81	5285	C 0 4 2 0 8 . 0 _ M _ - _ _ 1 . 5 4 A _	30.0	90L	6 1 1 0 1 - 1 0 6 - _ _ _	38
120	11.61	100	1.48	5275	1 1 .				
105	13.20	114	1.35	5276	1 2 .				
93	14.95	128	1.24	5270	1 4 .				
85	16.36	126	1.14	5270	1 6 .				
73	19.13	162	1.04	5270	1 8 .				
67	20.61	173	0.98	5270	2 0 .				
63	22.11	168	0.93	5270	2 2 .				
55	25.14	189	0.85	5260	2 5 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
167	8.31	74	2.81	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 1 . 5 4 A _	34.0	90L	6 1 1 0 2 - 1 0 8 - _ _ _	42
119	11.66	102	2.31	7440	1 1 .				
108	12.85	113	2.19	7440	1 2 .				
95	14.59	127	2.03	7437	1 4 .				
86	16.09	130	2.54	7440	1 6 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
75	18.53	161	1.75	7440	1 8 .				
66	21.05	181	1.62	7436	2 0 .				
62	22.56	178	2.06	7436	2 2 .				
56	24.86	194	1.94	7436	2 5 .				
49	28.24	219	1.77	7432	2 8 .				
43	32.55	276	1.23	7428	3 2 .				
39	35.86	274	1.50	7428	3 6 .				
34	40.74	307	1.37	7428	4 0 .				
30	46.84	393	0.97	7430	4 5 .				
27	50.93	424	0.92	7420	5 0 .				
25	55.45	411	1.09	7420	5 6 .				
22	63.00	461	0.99	7410	6 3 .				
107	12.97	119	3.74	11945	C 0 6 2 0 1 2 . _ M C - _ _ 1 . 5 4 A _	46.0	90L	6 1 1 0 3 - 1 1 0 - _ _ _	48
95	14.56	133	3.49	11923	1 4 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
87	15.93	134	3.85	11942	1 6 .				
75	18.49	168	3.02	11904	1 8 .				
66	20.96	190	2.79	11904	2 0 .				
62	22.40	186	3.16	11904	2 2 .				
55	25.11	207	2.96	11904	2 5 .				
49	28.18	231	2.77	11889	2 8 .				
42	33.48	299	2.08	11762	3 2 .				
39	35.79	289	2.29	11789	3 6 .				
34	40.57	326	2.03	11783	4 0 .				
29	47.32	418	1.58	11712	4 5 .				
28	50.52	445	1.49	11668	5 0 .				
25	55.71	437	1.51	11734	5 6 .				
21	64.80	503	1.32	11668	6 3 .				
19	73.92	640	1.04	11500	7 1 .				
17	80.94	700	0.95	11500	8 0 .				
15	91.58	696	0.95	11500	9 0 .				
14	97.78	735	0.90	11500	1 0 0			6 1 1 0 5 - 1 1 0 - _ _ _	70
107	12.97	119	3.74	9624	C 0 6 2 0 1 2 . _ M J - _ _ 1 . 5 4 A _	46.0	90L	6 1 1 0 3 - 1 1 4 - _ _ _	48
95	14.56	133	3.49	9608	1 4 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
87	15.93	134	3.85	9622	1 6 .				
75	18.49	168	3.02	9586	1 8 .				
66	20.96	190	2.79	9577	2 0 .				
62	22.40	186	3.16	9584	2 2 .				
55	25.11	207	2.96	9577	2 5 .				
49	28.18	231	2.77	9567	2 8 .				
42	33.48	299	2.08	9514	3 2 .				
39	35.79	290	2.40	9530	3 6 .				
34	40.57	326	2.18	9513	4 0 .				
29	47.32	418	1.66	9440	4 5 .				
28	50.52	445	1.59	9424	5 0 .				
25	55.71	438	1.74	9451	5 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
21	64.80	504	1.56	9411	6 3 .				
19	73.92	643	1.23	9300	7 1 .				
17	80.94	699	0.96	9270	8 0 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
15	91.58	696	1.22	9300	9 0 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
14	97.78	738	1.15	9280	1 0 0				
45	30.81	284	2.79	28940	C 0 7 2 0 3 2 . _ M _ - _ _ 1 . 5 4 A _	91.0	90L	6 1 1 0 5 - 1 1 4 - _ _ _	70
31	44.13	402	2.17	29142	4 5 .				
28	49.90	453	1.94	29142	5 0 .				
26	53.63	468	2.02	29144	5 6 .				
23	61.62	534	1.81	29117	6 3 .				
20	69.00	620	1.50	29117	7 1 .				
18	75.56	678	1.38	29089	8 0 .				
16	88.26	756	1.36	29084	9 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
14	99.79	846	1.24	29084	1 0 0				
13	104.32	920	1.05	29084	1 1 2			6 1 1 0 5 - 1 1 4 - _ _ _	70
12	115.92	1022	0.95	29027	1 2 5				
10	138.00	1160	0.97	29000	1 4 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
9.2	151.13	1265	0.90	29000	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

1.5 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	14	97.33	859	1.56	29056	C 0 7 3 0 1 0 0 _ M _ - _ _ 1 . 5 4 A _	100.0	90L	6 1 1 0 6 - 1 1 4 - _ _ _	80
	12	113.20	993	1.35	28960	1 1 8				
	8.7	159.98	1388	0.97	28868	1 6 0			6 1 1 0 6 - 1 1 4 - _ _ _	80
	8.1	170.81	1476	0.91	28900	1 8 0				
	20	69.64	630	3.95	41612	C 0 8 2 0 7 1 . _ M _ - _ _ 1 . 5 4 A _	146.0	90L	6 1 1 0 7 - 1 2 0 - _ _ _	90
	18	76.50	691	3.70	41667	8 0 .				
	16	87.29	757	2.80	41861	9 0 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	14	98.53	849	2.54	41872	1 0 0			6 1 1 0 7 - 1 2 0 - _ _ _	90
	14	102.38	916	3.01	41872	1 1 2				
	12	117.89	1048	2.36	41844	1 2 5				
	10	139.29	1177	1.96	41817	1 4 0				
	9.1	153.00	1290	1.82	41822	1 6 0				
	6.8	204.75	1702	1.45	41744	2 1 2				
	5.9	235.77	1950	1.30	41784	2 5 0				
	4.0	346.04	2820	0.88	41712	C 0 8 4 0 3 6 0 _ M _ - _ _ 1 . 5 4 A _	162.0	90L	6 1 1 0 7 - 1 2 0 - _ _ _	90
	6.3	222.08	1842	3.03	53736	C 0 9 2 0 2 1 2 _ M _ - _ _ 1 . 5 4 A _	214.0	90L	6 1 1 0 9 - 1 2 4 - _ _ _	120
	5.6	249.73	2054	2.72	53727	2 5 0				
	2.9	474.32	4135	1.93	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 1 . 5 4 A _	364.0	90L	6 1 1 0 9 - 1 3 0 - _ _ _	120
	2.6	545.04	4748	1.68	87375	5 6 0				
	2.1	676.39	5832	1.36	87375	6 3 0				
	1.8	777.24	6696	1.18	87375	7 1 0				
	1.6	863.38	7405	1.07	87375	8 0 0				
	1.6	895.55	7677	1.03	87375	9 0 0				
	1.4	994.80	8488	0.93	87375	1 0 C			6 1 1 1 0 - 1 3 0 - _ _ _	140
	1.2	1143.12	9745	0.81	87375	1 1 C				
6 POLE	111	8.59	106	0.83	2800	C 0 3 2 0 8 . 0 _ M _ - _ _ 1 . 5 6 A _	33.2	100La	6 1 1 0 1 - 1 0 3 - _ _ _	38
	111	8.59	108	1.38	5276	C 0 4 2 0 8 . 0 _ M _ - _ _ 1 . 5 6 A _	36.2	100La	6 1 1 0 1 - 1 0 6 - _ _ _	38
	82	11.61	145	1.12	5263	1 1 .				
	72	13.20	163	1.02	5256	1 2 .				
	64	14.95	184	0.94	5256	1 4 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
	58	16.36	180	0.88	5256	1 6 .				
	114	8.31	107	2.28	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 1 . 5 6 A _	40.2	100La	6 1 1 0 2 - 1 0 8 - _ _ _	42
	81	11.66	148	1.86	7440	1 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
	74	12.85	163	1.75	7440	1 2 .				
	65	14.59	184	1.62	7440	1 4 .				
	59	16.09	185	2.03	7440	1 6 .				
	51	18.53	232	1.40	7433	1 8 .				
	45	21.05	261	1.29	7427	2 0 .				
	42	22.56	253	1.60	7433	2 2 .				
	38	24.86	277	1.49	7427	2 5 .				
	34	28.24	312	1.36	7421	2 8 .				
	29	32.55	399	0.97	7409	3 2 .				
	26	35.86	389	1.14	7409	3 6 .				
	23	40.74	439	1.04	7402	4 0 .				
	17	55.45	585	0.82	7390	5 6 .			6 1 1 0 4 - 1 0 8 - _ _ _	60
	115	8.23	111	3.95	11933	C 0 6 2 0 8 . 0 _ M C - _ _ 1 . 5 6 A _	52.2	100La	6 1 1 0 3 - 1 1 0 - _ _ _	48
	82	11.57	154	3.22	11911	1 1 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
	73	12.97	172	3.00	11889	1 2 .				
	65	14.56	193	2.79	11867	1 4 .				
	60	15.93	193	3.13	11889	1 6 .				
	51	18.49	243	2.41	11845	1 8 .				
	45	20.96	275	2.22	11823	2 0 .				
	42	22.40	266	2.49	11845	2 2 .				
	38	25.11	297	2.23	11823	2 5 .				
	34	28.18	330	2.01	11813	2 8 .				
	28	33.48	433	1.53	11650	3 2 .				
	27	35.79	413	1.60	11682	3 6 .				
	23	40.57	465	1.42	11642	4 0 .				
	20	47.32	601	1.10	11568	4 5 .				
	19	50.52	644	1.03	11535	5 0 .				
	17	55.71	624	1.06	11535	5 6 .				
	15	64.80	717	0.92	11469	6 3 .				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

1.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
115	8.23	111	3.95	9619	C 0 6 2 0 8 . 0 _ MJ - _ _ 1 . 5 6 A _	52.2	100La	6 1 1 0 3 - 1 1 4 - _ _ _	48
82	11.57	154	3.22	9597	1 1 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
73	12.97	172	3.00	9588	1 2 .				
65	14.56	193	2.79	9569	1 4 .				
60	15.93	193	3.13	9584	1 6 .				
51	18.49	243	2.41	9537	1 8 .				
45	20.96	275	2.22	9520	2 0 .				
42	22.40	266	2.55	9533	2 2 .				
38	25.11	296	2.34	9515	2 5 .				
34	28.18	331	2.15	9503	2 8 .				
28	33.48	433	1.64	9424	3 2 .				
27	35.79	414	1.81	9446	3 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
23	40.57	464	1.66	9423	4 0 .				
20	47.32	604	1.29	9315	4 5 .				
19	50.52	641	1.24	9288	5 0 .				
17	55.71	623	1.32	9328	5 6 .				
15	64.80	719	1.18	9268	6 3 .				
13	73.92	926	0.92	9120	7 1 .				
10	91.58	991	0.86	9110	9 0 .				
10	97.78	1056	0.80	9070	1 0 0			6 1 2 0 6 - 1 1 4 - _ _ _	80
60	15.80	208	3.82	29200	C 0 7 2 0 1 6 . _ M _ - _ _ 1 . 5 6 A _	97.2	100La	6 1 1 0 5 - 1 1 4 - _ _ _	70
47	20.07	271	3.91	29200	2 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
43	21.89	286	3.00	29200	2 2 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
39	24.59	320	2.75	29200	2 5 .				
35	27.03	350	2.56	29200	2 8 .				
31	30.81	411	2.09	29133	3 2 .				
27	35.31	453	2.08	29200	3 6 .				
24	40.15	512	1.89	29200	4 0 .				
22	44.13	582	1.62	29106	4 5 .				
19	49.90	657	1.46	29075	5 0 .				
18	53.63	671	1.50	29071	5 6 .				
15	61.62	772	1.35	29071	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
14	69.00	894	1.17	29028	7 1 .				
13	75.56	979	1.08	28985	8 0 .				
11	88.26	1085	1.02	29000	9 0 .				
10	99.79	1225	0.93	29000	1 0 0				
9.1	104.32	1333	0.82	29000	1 1 2			6 1 1 0 6 - 1 1 4 - _ _ _	80
10	97.33	1246	1.08	28934	C 0 7 3 0 1 0 0 _ M _ - _ _ 1 . 5 6 A _	106.2	100La	6 1 1 0 6 - 1 1 4 - _ _ _	80
8.4	113.20	1440	0.93	28868	1 1 8				
24	39.51	511	3.89	41900	C 0 8 2 0 4 0 . _ M _ - _ _ 1 . 5 6 A _	152.2	100La	6 1 1 0 6 - 1 2 0 - _ _ _	80
19	49.26	654	3.88	41598	5 0 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
17	54.60	696	3.01	41900	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
15	63.56	804	2.67	41900	6 3 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
14	69.64	914	3.04	41811	7 1 .				
12	76.50	999	2.75	41811	8 0 .				
11	87.29	1088	2.10	41837	9 0 .				
10	98.53	1223	1.91	41814	1 0 0				
9.3	102.38	1327	2.29	41814	1 1 2				
8.1	117.89	1515	1.70	41838	1 2 5				
6.8	139.29	1700	1.46	41776	1 4 0				
6.2	153.00	1863	1.35	41776	1 6 0				
4.6	204.75	2460	1.07	41700	2 1 2				
4.0	235.77	2796	0.94	41700	2 5 0				
8.9	106.17	1394	3.31	53721	C 0 9 2 0 1 1 2 _ M _ - _ _ 1 . 5 6 A _	220.2	100La	6 1 1 0 8 - 1 2 4 - _ _ _	100
8.0	119.38	1555	2.99	53705	1 2 5				
6.5	146.23	1780	3.13	53689	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
5.9	161.44	1957	2.85	53673	1 6 0				
4.3	222.08	2651	2.10	53615	2 1 2				
3.8	249.73	2957	1.89	53592	2 5 0				
3.3	284.12	3561	1.39	53383	C 0 9 4 0 2 8 0 _ M _ - _ _ 1 . 5 6 A _	241.2	100La	6 1 1 0 8 - 1 2 4 - _ _ _	100
3.1	305.07	3802	1.30	53383	3 1 5				
2.8	341.93	4261	1.16	53383	3 6 0				
2.4	388.96	4830	1.03	53383	4 0 0				
2.2	435.96	5412	0.92	53383	4 5 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
1.9	487.42	6069	0.82	53383	5 0 0				
4.2	225.50	2776	3.18	87400	C 1 0 2 0 2 1 2 _ M _ - _ _ 1 . 5 6 A _	328.2	100La	6 1 1 1 0 - 1 3 0 - _ _ _	140
3.9	242.27	2964	2.98	87400	2 5 0				
2.0	474.32	6034	1.33	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 1 . 5 6 A _	370.2	100La	6 1 1 0 9 - 1 3 0 - _ _ _	120
1.7	545.04	6926	1.15	87375	5 6 0				
1.4	676.39	8505	0.93	87375	6 3 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
1.2	777.24	9764	0.81	87375	7 1 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

2.2 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
164	8.59	109	1.26	5282	C 0 4 2 0 8 . 0 _ M _ - _ _ 2 . 2 4 A _	36.0	100La	6 1 1 0 1 - 1 0 6 - _ _ _	38
121	11.61	145	1.02	5268	1 1 .				
107	13.20	165	0.93	5270	1 2 .				
94	14.95	185	0.86	5260	1 4 .			6 1 1 0 2 - 1 0 6 - _ _ _	42
170	8.31	107	1.94	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 2 . 2 4 A _	40.0	100La	6 1 1 0 2 - 1 0 8 - _ _ _	42
121	11.66	148	1.60	7440	1 1 .				
110	12.85	163	1.51	7440	1 2 .				
97	14.59	184	1.40	7435	1 4 .				
88	16.09	188	1.75	7440	1 6 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
76	18.53	232	1.21	7440	1 8 .				
67	21.05	262	1.12	7433	2 0 .				
62	22.56	257	1.43	7433	2 2 .				
57	24.86	281	1.34	7433	2 5 .				
50	28.24	316	1.22	7426	2 8 .				
43	32.55	399	0.85	7420	3 2 .				
39	35.86	396	1.03	7420	3 6 .				
35	40.74	445	0.95	7420	4 0 .				
171	8.23	110	3.37	11928	C 0 6 2 0 8 . 0 _ MC - _ _ 2 . 2 4 A _	52.0	100La	6 1 1 0 3 - 1 1 0 - _ _ _	48
122	11.57	154	2.77	11905	1 1 .				
109	12.97	172	2.59	11905	1 2 .				
97	14.56	193	2.41	11866	1 4 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
89	15.93	193	2.67	11900	1 6 .				
76	18.49	243	2.09	11833	1 8 .				
67	20.96	274	1.93	11833	2 0 .				
63	22.40	269	2.19	11833	2 2 .				
56	25.11	300	2.05	11833	2 5 .				
50	28.18	334	1.91	11808	2 8 .				
42	33.48	432	1.44	11660	3 2 .				
39	35.79	418	1.58	11708	3 6 .				
35	40.57	471	1.41	11697	4 0 .				
30	47.32	604	1.10	11566	4 5 .				
28	50.52	643	1.03	11500	5 0 .				
25	55.71	632	1.05	11600	5 6 .				
22	64.80	728	0.91	11500	6 3 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
171	8.23	110	3.37	9622	C 0 6 2 0 8 . 0 _ MJ - _ _ 2 . 2 4 A _	52.0	100La	6 1 1 0 3 - 1 1 4 - _ _ _	48
122	11.57	154	2.77	9601	1 1 .				
109	12.97	172	2.59	9591	1 2 .				
97	14.56	193	2.41	9570	1 4 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
89	15.93	193	2.67	9586	1 6 .				
76	18.49	243	2.09	9540	1 8 .				
67	20.96	274	1.93	9523	2 0 .				
63	22.40	269	2.19	9536	2 2 .				
56	25.11	300	2.05	9523	2 5 .				
50	28.18	334	1.91	9506	2 8 .				
42	33.48	432	1.44	9429	3 2 .				
39	35.79	419	1.66	9457	3 6 .				
35	40.57	471	1.51	9427	4 0 .				
30	47.32	604	1.15	9323	4 5 .				
28	50.52	644	1.10	9300	5 0 .				
25	55.71	633	1.20	9340	5 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
22	64.80	729	1.08	9280	6 3 .				
89	15.80	207	3.44	27500	C 0 7 2 0 1 6 . _ M _ - _ _ 2 . 2 4 A _	97.0	100La	6 1 1 0 4 - 1 1 4 - _ _ _	60
80	17.66	239	3.66	28200	1 8 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
70	20.07	272	3.39	29200	2 0 .				
64	21.89	285	2.73	29200	2 2 .				
57	24.59	319	2.51	29200	2 5 .				
52	27.03	351	2.34	29200	2 8 .				
46	30.81	411	1.93	28748	3 2 .				
40	35.31	454	1.92	29200	3 6 .				
35	40.15	513	1.74	29200	4 0 .				
32	44.13	582	1.50	29100	4 5 .				
28	49.90	655	1.34	29100	5 0 .				
26	53.63	677	1.40	29104	5 6 .				
23	61.62	772	1.26	29056	6 3 .				
20	69.00	897	1.03	29056	7 1 .				
19	75.56	980	0.95	29008	8 0 .				
16	88.26	1094	0.94	29000	9 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
14	99.79	1224	0.86	29000	1 0 0				
14	97.33	1242	1.08	28983	C 0 7 3 0 1 0 0 _ M _ - _ _ 2 . 2 4 A _	106.0	100La	6 1 1 0 6 - 1 1 4 - _ _ _	80
12	113.20	1436	0.93	28838	1 1 8				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

2.2 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	40	35.20	459	3.92	40400	C 0 8 2 0 3 6 . _ M _ - _ _ 2 . 2 4 A _	152.0	100La	6 1 1 0 6 - 1 2 0 - _ _ _	80
	36	39.51	512	3.59	41700	4 0 .				
	32	43.64	582	3.73	40636	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	29	49.26	653	3.44	40974	5 0 .				
	26	54.60	699	2.80	41900	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	22	63.56	806	2.49	41900	6 3 .				
	20	69.64	911	2.73	41401	7 1 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	18	76.50	1000	2.56	41496	8 0 .				
	16	87.29	1095	1.94	41833	9 0 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	14	98.53	1227	1.76	41852	1 0 0			6 1 1 0 7 - 1 2 0 - _ _ _	90
	14	102.38	1325	2.08	41852	1 1 2				
	12	117.89	1516	1.64	41804	1 2 5				
	10	139.29	1702	1.36	41756	1 4 0				
	9.2	153.00	1865	1.26	41765	1 6 0				
	6.9	204.75	2461	1.00	41630	2 1 2				
	6.0	235.77	2819	0.90	41700	2 5 0				
	14	103.53	1292	3.79	53722	C 0 9 2 0 1 0 0 _ M _ - _ _ 2 . 2 4 A _	220.0	100La	6 1 1 0 8 - 1 2 4 - _ _ _	100
	13	106.17	1391	3.19	53731	1 1 2				
	12	119.38	1555	2.89	53714	1 2 5				
	10	146.23	1796	2.98	53696	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
	8.7	161.44	1971	2.78	53679	1 6 0				
	6.3	222.08	2663	2.10	53625	2 1 2				
	5.6	249.73	2970	1.88	53600	2 5 0				
	5.0	284.12	3525	1.41	53383	C 0 9 4 0 2 8 0 _ M _ - _ _ 2 . 2 4 A _	241.0	100La	6 1 1 0 8 - 1 2 4 - _ _ _	100
	4.6	305.07	3768	1.31	53383	3 1 5				
	4.1	341.93	4223	1.17	53383	3 6 0				
	3.6	388.96	4789	1.03	53383	4 0 0				
	3.2	435.96	5367	0.92	53383	4 5 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
	2.9	487.42	6016	0.82	53383	5 0 0				
	8.5	166.73	2091	3.81	87400	C 1 0 2 0 1 6 0 _ M _ - _ _ 2 . 2 4 A _	328.0	100La	6 1 1 0 9 - 1 3 0 - _ _ _	120
	6.3	225.50	2784	3.01	87400	2 1 2				
	5.8	242.27	2980	2.84	87400	2 5 0				
	3.0	474.32	5979	1.34	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 2 . 2 4 A _	370.0	100La	6 1 1 0 9 - 1 3 0 - _ _ _	120
	2.6	545.04	6865	1.16	87375	5 6 0				
	2.1	676.39	8433	0.94	87375	6 3 0				
	1.8	777.24	9682	0.82	87375	7 1 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE	110	8.59	160	0.94	5270	C 0 4 2 0 8 . 0 _ M _ - _ _ 2 . 2 6 A _	44.8	112M	6 1 1 0 1 - 1 0 6 - _ _ _	38
	114	8.31	158	1.55	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 2 . 2 6 A _	48.8	112M	6 1 1 0 2 - 1 0 8 - _ _ _	42
	81	11.66	219	1.26	7440	1 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
	74	12.85	241	1.19	7440	1 2 .				
	65	14.59	272	1.10	7440	1 4 .				
	59	16.09	272	1.37	7440	1 6 .				
	51	18.53	342	0.95	7430	1 8 .				
	45	21.05	385	0.88	7420	2 0 .				
	42	22.56	374	1.08	7430	2 2 .				
	38	24.86	409	1.01	7420	2 5 .				
	33	28.24	461	0.92	7410	2 8 .				
	115	8.23	163	2.68	11892	C 0 6 2 0 8 . 0 _ M C - _ _ 2 . 2 6 A _	64.8	112M	6 1 1 0 3 - 1 1 0 - _ _ _	48
	82	11.57	228	2.18	11857	1 1 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
	73	12.97	254	2.04	11821	1 2 .				
	65	14.56	285	1.89	11785	1 4 .				
	59	15.93	284	2.12	11821	1 6 .				
	51	18.49	359	1.63	11750	1 8 .				
	45	20.96	405	1.51	11714	2 0 .				
	42	22.40	393	1.69	11750	2 2 .				
	38	25.11	438	1.51	11714	2 5 .				
	34	28.18	487	1.36	11697	2 8 .				
	28	33.48	638	1.04	11496	3 2 .				
	26	35.79	609	1.09	11547	3 6 .				
	23	40.57	685	0.97	11482	4 0 .				
	115	8.23	163	2.68	9587	C 0 6 2 0 8 . 0 _ M J - _ _ 2 . 2 6 A _	64.8	112M	6 1 1 0 3 - 1 1 4 - _ _ _	48
	82	11.57	228	2.18	9552	1 1 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
	73	12.97	254	2.04	9538	1 2 .				
	65	14.56	285	1.89	9513	1 4 .				
	59	15.93	284	2.12	9530	1 6 .				
	51	18.49	359	1.63	9468	1 8 .				
	45	20.96	405	1.51	9439	2 0 .				
	42	22.40	393	1.73	9460	2 2 .				
	38	25.11	437	1.59	9432	2 5 .				
	34	28.18	488	1.46	9413	2 8 .				
	28	33.48	638	1.11	9297	3 2 .				
	26	35.79	610	1.23	9332	3 6 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	23	40.57	684	1.12	9296	4 0 .				
	20	47.32	891	0.88	9140	4 5 .				
	19	50.52	946	0.84	9100	5 0 .				
	17	55.71	919	0.89	9160	5 6 .				
	15	64.80	1061	0.80	9070	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

2.2 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
120	7.90	161	3.82	24856	C 0 7 2 0 8 . 0 _ M _ - _ _ 2 . 2 6 A _	111.8	112M	6 1 1 0 4 - 1 1 4 - _ _ _	60
86	10.94	222	3.82	26975	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
77	12.29	249	3.59	27838	1 2 .				
70	13.52	273	3.39	28591	1 4 .				
60	15.80	308	2.59	28978	1 6 .				
54	17.66	355	2.87	28908	1 8 .				
47	20.07	400	2.65	28966	2 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
43	21.89	422	2.04	29165	2 2 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
38	24.59	472	1.87	29165	2 5 .				
35	27.03	517	1.74	29165	2 8 .				
31	30.81	606	1.42	29092	3 2 .				
27	35.31	669	1.41	29144	3 6 .				
24	40.15	755	1.28	29116	4 0 .				
21	44.13	859	1.10	29048	4 5 .				
19	49.90	968	0.99	28998	5 0 .				
18	53.63	990	1.02	28991	5 6 .				
15	61.62	1139	0.91	28991	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
39	24.47	477	3.81	40943	C 0 8 2 0 2 5 . _ M _ - _ _ 2 . 2 6 A _	159.8	112M	6 1 1 0 6 - 1 2 0 - _ _ _	80
35	27.22	528	3.52	41491	2 8 .				
30	31.78	630	3.53	41421	3 2 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
27	35.20	674	2.89	41713	3 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
24	39.51	753	2.64	41818	4 0 .				
22	43.64	860	2.86	41284	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
19	49.26	965	2.63	41412	5 0 .				
17	54.60	1026	2.04	41865	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
15	63.56	1186	1.81	41847	6 3 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
14	69.64	1347	2.06	41757	7 1 .				
12	76.50	1473	1.87	41757	8 0 .				
11	87.29	1604	1.43	41799	9 0 .				
10	98.53	1803	1.30	41760	1 0 0				
9.2	102.38	1957	1.55	41760	1 1 2				
8.0	117.89	2234	1.15	41800	1 2 5				
6.8	139.29	2507	0.99	41700	1 4 0				
6.2	153.00	2747	0.92	41700	1 6 0				
14	69.91	1372	3.24	53714	C 0 9 2 0 7 1 . _ M _ - _ _ 2 . 2 6 A _	227.8	112M	6 1 1 0 8 - 1 2 4 - _ _ _	100
12	77.18	1510	2.97	53692	8 0 .				
10	93.18	1717	3.09	53671	9 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
9.1	103.53	1893	2.87	53649	1 0 0				
8.9	106.17	2056	2.24	53647	1 1 2			6 1 1 0 8 - 1 2 4 - _ _ _	100
7.9	119.38	2294	2.03	53616	1 2 5				
6.5	146.23	2625	2.13	53586	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
5.9	161.44	2886	1.93	53555	1 6 0				
4.3	222.08	3909	1.43	53443	2 1 2				
3.8	249.73	4360	1.28	53398	2 5 0				
3.3	284.12	5251	0.94	53383	C 0 9 4 0 2 8 0 _ M _ - _ _ 2 . 2 6 A _	255.8	112M	6 1 1 0 9 - 1 2 4 - _ _ _	120
3.1	305.07	5607	0.88	53383	3 1 5				
8.8	107.80	2102	3.86	87400	C 1 0 2 0 1 1 2 _ M _ - _ _ 2 . 2 6 A _	335.8	112M	6 1 1 0 9 - 1 3 0 - _ _ _	120
8.2	115.82	2252	3.51	87400	1 2 5				
6.5	144.71	2682	3.11	87376	1 4 0				
5.7	166.73	3071	2.77	87365	1 6 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
4.2	225.50	4094	2.16	87347	2 1 2				
3.9	242.27	4370	2.02	87347	2 5 0				
2.0	474.32	8896	0.90	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 2 . 2 6 A _	384.8	112M	6 1 1 1 0 - 1 3 0 - _ _ _	140

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

3.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
165	8.59	147	0.93	5280	C 0 4 2 0 8 . 0 _ M _ - _ _ 3 . 0 4 A _	39.8	100Lb	6 1 1 0 1 - 1 0 6 - _ _ _	38
171	8.31	145	1.43	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 3 . 0 4 A _	43.8	100Lb	6 1 1 0 2 - 1 0 8 - _ _ _	42
122	11.66	201	1.18	7440	1 1 .				
111	12.85	221	1.12	7440	1 2 .				
97	14.59	250	1.03	7432	1 4 .				
88	16.09	254	1.30	7440	1 6 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
77	18.53	315	0.89	7440	1 8 .				
67	21.05	355	0.83	7430	2 0 .				
63	22.56	349	1.05	7430	2 2 .				
57	24.86	381	0.99	7430	2 5 .				
50	28.24	429	0.90	7420	2 8 .				
173	8.23	149	2.49	11894	C 0 6 2 0 8 . 0 _ M C - _ _ 3 . 0 4 A _	55.8	100Lb	6 1 1 0 3 - 1 1 0 - _ _ _	48
123	11.57	208	2.04	11858	1 1 .				
109	12.97	233	1.91	11858	1 2 .				
98	14.56	261	1.78	11802	1 4 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
89	15.93	262	1.97	11851	1 6 .				
77	18.49	329	1.54	11752	1 8 .				
68	20.96	372	1.43	11752	2 0 .				
63	22.40	364	1.62	11752	2 2 .				
57	25.11	406	1.51	11752	2 5 .				
50	28.18	452	1.41	11715	2 8 .				
42	33.48	585	1.06	11544	3 2 .				
40	35.79	567	1.17	11615	3 6 .				
35	40.57	638	1.04	11600	4 0 .				
30	47.32	818	0.81	11400	4 5 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
173	8.23	149	2.49	9599	C 0 6 2 0 8 . 0 _ M J - _ _ 3 . 0 4 A _	55.8	100Lb	6 1 1 0 3 - 1 1 4 - _ _ _	48
123	11.57	208	2.04	9567	1 1 .				
109	12.97	233	1.91	9553	1 2 .				
98	14.56	261	1.78	9526	1 4 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
89	15.93	262	1.97	9546	1 6 .				
77	18.49	329	1.54	9486	1 8 .				
68	20.96	372	1.43	9461	2 0 .				
63	22.40	364	1.62	9481	2 2 .				
57	25.11	406	1.51	9461	2 5 .				
50	28.18	452	1.41	9436	2 8 .				
42	33.48	585	1.06	9331	3 2 .				
40	35.79	567	1.22	9374	3 6 .				
35	40.57	638	1.11	9330	4 0 .				
30	47.32	818	0.85	9190	4 5 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
130	10.94	204	3.59	24654	C 0 7 2 0 1 1 . _ M _ - _ _ 3 . 0 4 A _	100.8	100Lb	6 1 1 0 5 - 1 1 4 - _ _ _	70
116	12.29	228	3.36	25318	1 2 .				
105	13.52	250	3.18	25990	1 4 .				
90	15.80	281	2.54	27218	1 6 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
80	17.66	324	2.71	27800	1 8 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
71	20.07	368	2.50	28732	2 0 .				
65	21.89	387	2.02	28898	2 2 .				
58	24.59	433	1.85	28943	2 5 .				
53	27.03	476	1.73	29018	2 8 .				
46	30.81	557	1.43	28530	3 2 .				
40	35.31	615	1.42	29151	3 6 .				
35	40.15	695	1.29	29151	4 0 .				
32	44.13	788	1.11	29051	4 5 .				
28	49.90	887	0.99	29051	5 0 .				
26	53.63	917	1.03	29057	5 6 .				
23	61.62	1046	0.93	28986	6 3 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
58	24.47	435	3.79	36556	C 0 8 2 0 2 5 . _ M _ - _ _ 3 . 0 4 A _	155.8	100Lb	6 1 1 0 6 - 1 2 0 - _ _ _	80
52	27.22	486	3.49	37218	2 8 .				
45	31.78	579	3.36	38336	3 2 .				
40	35.20	622	2.89	39909	3 6 .				
36	39.51	693	2.65	41145	4 0 .				
33	43.64	788	2.75	40024	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
29	49.26	884	2.54	40525	5 0 .				
26	54.60	947	2.07	41703	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
22	63.56	1091	1.84	41869	6 3 .				
20	69.64	1234	2.02	41159	7 1 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
19	76.50	1354	1.89	41300	8 0 .				
16	87.29	1482	1.43	41801	9 0 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
14	98.53	1662	1.30	41828	1 0 0			6 1 1 0 7 - 1 2 0 - _ _ _	90
14	102.38	1795	1.54	41828	1 1 2				
12	117.89	2053	1.21	41757	1 2 5				
10	139.29	2305	1.00	41686	1 4 0				
9.3	153.00	2525	0.93	41700	1 6 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

3.0 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	20	69.91	1254	3.39	53723	C 0 9 2 0 7 1 . _ M _ - _ _ 3 . 0 4 A _	223.8	100Lb	6 1 1 0 8 - 1 2 4 - _ _ _	100
	18	77.18	1386	3.10	53704	8 0 .				
	15	93.18	1584	3.00	53684	9 0 .				
	14	103.53	1749	2.80	53665	1 0 0				
	13	106.17	1883	2.36	53681	1 1 2				
	12	119.38	2106	2.13	53651	1 2 5				
	10	146.23	2432	2.20	53621	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
	8.8	161.44	2668	2.05	53592	1 6 0				
	6.4	222.08	3606	1.55	53497	2 1 2				
	5.7	249.73	4022	1.39	53454	2 5 0				
	5.0	284.12	4774	1.04	53383	C 0 9 4 0 2 8 0 _ M _ - _ _ 3 . 0 4 A _	244.8	100Lb	6 1 1 0 8 - 1 2 4 - _ _ _	100
	4.7	305.07	5103	0.97	53383	3 1 5			6 1 1 0 9 - 1 2 4 - _ _ _	120
	4.2	341.93	5718	0.87	53383	3 6 0				
	12	115.82	2061	3.75	87400	C 1 0 2 0 1 2 5 _ M _ - _ _ 3 . 0 4 A _	331.8	100Lb	6 1 1 0 9 - 1 3 0 - _ _ _	120
	10	144.71	2473	3.14	87381	1 4 0				
	8.5	166.73	2832	2.81	87372	1 6 0				
	6.3	225.50	3770	2.22	87369	2 1 2				
	5.9	242.27	4035	2.10	87369	2 5 0				
	3.0	474.32	8097	0.99	87375	C 1 0 4 0 5 0 0 _ M _ - _ _ 3 . 0 4 A _	373.8	100Lb	6 1 1 0 9 - 1 3 0 - _ _ _	120
	2.6	545.04	9295	0.86	87375	5 6 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE	115	8.23	222	1.98	11846	C 0 6 2 0 8 . 0 _ M C - _ _ 3 . 0 6 A _	75.0	132Sa	6 1 1 0 3 - 1 1 0 - _ _ _	48
	82	11.57	309	1.61	11794	1 1 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
	73	12.97	345	1.50	11743	1 2 .				
	65	14.56	387	1.40	11692	1 4 .				
	60	15.93	386	1.56	11743	1 6 .				
	51	18.49	487	1.20	11641	1 8 .				
	45	20.96	550	1.11	11589	2 0 .				
	42	22.40	533	1.24	11641	2 2 .				
	38	25.11	594	1.11	11589	2 5 .				
	34	28.18	661	1.00	11565	2 8 .				
	27	35.79	827	0.80	11392	3 6 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
	115	8.23	222	1.98	9552	C 0 6 2 0 8 . 0 _ M J - _ _ 3 . 0 6 A _	75.0	132Sa	6 1 1 0 3 - 1 1 4 - _ _ _	48
	82	11.57	309	1.61	9500	1 1 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
	73	12.97	345	1.50	9480	1 2 .				
	65	14.56	387	1.40	9449	1 4 .				
	60	15.93	386	1.56	9470	1 6 .				
	51	18.49	487	1.20	9388	1 8 .				
	45	20.96	550	1.11	9347	2 0 .				
	42	22.40	533	1.28	9378	2 2 .				
	38	25.11	593	1.17	9337	2 5 .				
	34	28.18	662	1.08	9309	2 8 .				
	28	33.48	866	0.82	9151	3 2 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	27	35.79	828	0.90	9202	3 6 .				
	23	40.57	928	0.83	9150	4 0 .				
	120	7.90	218	2.81	24578	C 0 7 2 0 8 . 0 _ M _ - _ _ 3 . 0 6 A _	122.0	132Sa	6 1 1 0 4 - 1 1 4 - _ _ _	60
	87	10.94	302	2.81	26605	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	77	12.29	338	2.65	27425	1 2 .				
	70	13.52	371	2.50	28125	1 4 .				
	60	15.80	417	1.91	28725	1 6 .				
	54	17.66	482	2.11	28575	1 8 .				
	47	20.07	542	1.95	28700	2 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
	43	21.89	573	1.50	29125	2 2 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	39	24.59	640	1.38	29125	2 5 .				
	35	27.03	701	1.28	29125	2 8 .				
	31	30.81	822	1.05	29046	3 2 .				
	27	35.31	907	1.04	29080	3 6 .				
	24	40.15	1025	0.94	29020	4 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
	22	44.13	1165	0.81	28982	4 5 .				
	61	15.54	416	3.89	35684	C 0 8 2 0 1 6 . _ M _ - _ _ 3 . 0 6 A _	170.0	132Sa	6 1 1 0 6 - 1 2 0 - _ _ _	80
	54	17.60	482	3.79	36600	1 8 .				
	48	19.76	541	3.53	37705	2 0 .				
	43	22.03	585	3.04	39315	2 2 .				
	39	24.47	647	2.81	40421	2 5 .				
	35	27.22	717	2.59	41025	2 8 .				
	30	31.78	855	2.61	40875	3 2 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	27	35.20	915	2.13	41500	3 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	24	39.51	1022	1.95	41725	4 0 .				
	22	43.64	1167	2.11	41014	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	19	49.26	1309	1.94	41199	5 0 .				
	17	54.60	1393	1.51	41825	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	15	63.56	1609	1.34	41787	6 3 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	14	69.64	1828	1.52	41694	7 1 .				
	12	76.50	1999	1.38	41694	8 0 .				
	11	87.29	2176	1.05	41755	9 0 .				
	10	98.53	2446	0.96	41700	1 0 0				
	9.3	102.38	2655	1.14	41700	1 1 2				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

3.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
21	44.55	1201	3.53	53734	C 0 9 2 0 4 5 . _ M _ - _ _ 3 . 0 6 A _	238.0	132Sa	6 1 1 0 8 - 1 2 4 - _ _ _	100
19	49.49	1333	3.22	53712	5 0 .				
14	69.91	1861	2.38	53666	7 1 .				
12	77.18	2048	2.19	53633	8 0 .				
10	93.18	2329	2.28	53600	9 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
9.2	103.53	2568	2.12	53566	1 0 0				
8.9	106.17	2789	1.65	53563	1 1 2			6 1 1 0 8 - 1 2 4 - _ _ _	100
8.0	119.38	3111	1.49	53515	1 2 5				
6.5	146.23	3561	1.57	53468	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
5.9	161.44	3915	1.42	53421	1 6 0				
4.3	222.08	5302	1.05	53246	2 1 2				
3.8	249.73	5914	0.94	53176	2 5 0				
12	79.71	2137	3.83	87400	C 1 0 2 0 8 0 . _ M _ - _ _ 3 . 0 6 A _	346.0	132Sa	6 1 1 0 9 - 1 3 0 - _ _ _	120
10	91.32	2342	3.28	87384	9 0 .				
9.4	101.47	2591	3.02	87368	1 0 0				
8.8	107.80	2852	2.84	87400	1 1 2				
8.2	115.82	3054	2.59	87400	1 2 5				
6.6	144.71	3638	2.29	87350	1 4 0				
5.7	166.73	4165	2.05	87325	1 6 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
4.2	225.50	5553	1.59	87287	2 1 2				
3.9	242.27	5928	1.49	87287	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

4.0 kW

4 POLE

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
	171	8.31	193	1.08	7440	C 0 5 2 0 8 . 0 _ M _ - _ _ 4 . 0 4 A _	51.0	112M	6 1 1 0 2 - 1 0 8 - _ _ _	42
	122	11.66	267	0.89	7440	1 1 .			6 1 1 0 3 - 1 0 8 - _ _ _	48
	111	12.85	293	0.84	7440	1 2 .				
	173	8.23	198	1.87	11851	C 0 6 2 0 8 . 0 _ M C - _ _ 4 . 0 4 A _	67.0	112M	6 1 1 0 3 - 1 1 0 - _ _ _	48
	123	11.57	277	1.54	11801	1 1 .				
	110	12.97	310	1.44	11801	1 2 .				
	98	14.56	347	1.34	11721	1 4 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
	89	15.93	348	1.48	11790	1 6 .				
	77	18.49	438	1.16	11651	1 8 .				
	68	20.96	494	1.07	11651	2 0 .				
	64	22.40	484	1.22	11651	2 2 .				
	57	25.11	539	1.14	11651	2 5 .				
	51	28.18	601	1.06	11600	2 8 .				
	43	33.48	777	0.80	11400	3 2 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
	40	35.79	753	0.88	11500	3 6 .				
	173	8.23	198	1.87	9570	C 0 6 2 0 8 . 0 _ M J - _ _ 4 . 0 4 A _	67.0	112M	6 1 1 0 3 - 1 1 4 - _ _ _	48
	123	11.57	277	1.54	9526	1 1 .				
	110	12.97	310	1.44	9506	1 2 .				
	98	14.56	347	1.34	9471	1 4 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
	89	15.93	348	1.48	9495	1 6 .				
	77	18.49	438	1.16	9420	1 8 .				
	68	20.96	494	1.07	9385	2 0 .				
	64	22.40	484	1.22	9413	2 2 .				
	57	25.11	539	1.14	9385	2 5 .				
	51	28.18	601	1.06	9350	2 8 .				
	43	33.48	777	0.80	9210	3 2 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	40	35.79	754	0.92	9270	3 6 .				
	180	7.90	195	3.17	22778	C 0 7 2 0 8 . 0 _ M _ - _ _ 4 . 0 4 A _	114.0	112M	6 1 1 0 4 - 1 1 4 - _ _ _	60
	130	10.94	271	2.70	24347	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	116	12.29	303	2.53	24965	1 2 .				
	105	13.52	332	2.40	25604	1 4 .				
	90	15.80	374	1.91	26865	1 6 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
	81	17.66	431	2.04	27300	1 8 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	71	20.07	489	1.88	28147	2 0 .				
	65	21.89	514	1.52	28520	2 2 .				
	58	24.59	575	1.40	28622	2 5 .				
	53	27.03	632	1.30	28792	2 8 .				
	46	30.81	740	1.07	28256	3 2 .				
	40	35.31	817	1.07	29090	3 6 .				
	35	40.15	924	0.97	29090	4 0 .				
	32	44.13	1048	0.83	28990	4 5 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
*	92	15.54	372	3.73	32707	C 0 8 2 0 1 6 . _ M _ - _ _ 4 . 0 4 A _	162.0	112M	6 1 1 0 6 - 1 2 0 - _ _ _	80
	81	17.60	434	3.64	33482	1 8 .				
	72	19.76	486	3.39	34598	2 0 .				
	65	22.03	522	3.02	35596	2 2 .				
	58	24.47	578	2.85	36126	2 5 .				
	52	27.22	646	2.63	36740	2 8 .				
	45	31.78	770	2.53	37631	3 2 .				
	40	35.20	826	2.18	39295	3 6 .				
	36	39.51	921	2.00	40452	4 0 .				
	33	43.64	1047	2.07	39258	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	29	49.26	1175	1.91	39964	5 0 .				
	26	54.60	1258	1.56	41458	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	22	63.56	1450	1.39	41832	6 3 .				
	20	69.64	1639	1.52	40857	7 1 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	19	76.50	1799	1.42	41056	8 0 .				
	16	87.29	1970	1.08	41760	9 0 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	14	98.53	2208	0.98	41800	1 0 0			6 1 1 0 7 - 1 2 0 - _ _ _	90
	14	102.38	2385	1.16	41800	1 1 2				
	12	117.89	2728	0.91	41700	1 2 5				
	32	44.55	1079	3.73	53433	C 0 9 2 0 4 5 . _ M _ - _ _ 4 . 0 4 A _	230.0	112M	6 1 1 0 8 - 1 2 4 - _ _ _	100
	29	49.49	1197	3.42	53500	5 0 .				
	20	69.91	1667	2.56	53682	7 1 .				
	18	77.18	1842	2.33	53653	8 0 .				
	15	93.18	2105	2.26	53624	9 0 .				
	14	103.53	2324	2.11	53594	1 0 0				
	13	106.17	2502	1.77	53618	1 1 2				
	12	119.38	2798	1.60	53573	1 2 5				
	10	146.23	3232	1.66	53528	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
	8.8	161.44	3546	1.55	53482	1 6 0				
	6.4	222.08	4791	1.16	53338	2 1 2				
	5.7	249.73	5343	1.04	53272	2 5 0				
	16	91.32	2115	3.37	87400	C 1 0 2 0 9 0 . _ M _ - _ _ 4 . 0 4 A _	338.0	112M	6 1 1 0 9 - 1 3 0 - _ _ _	120
	14	101.47	2338	3.10	87385	1 0 0				
	13	107.80	2568	3.17	87400	1 1 2				
	12	115.82	2739	2.83	87400	1 2 5				
	10	144.71	3286	2.36	87359	1 4 0				
	8.5	166.73	3762	2.12	87338	1 6 0				
	6.3	225.50	5009	1.67	87332	2 1 2				
	5.9	242.27	5361	1.58	87332	2 5 0				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

4.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
116	8.23	294	1.49	11787	C 0 6 2 0 8 . 0 _ MC - _ _ 4 . 0 6 A _	84.0	132Ma	6 1 1 0 3 - 1 1 0 - _ _ _	48
83	11.57	410	1.21	11716	1 1 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
74	12.97	458	1.13	11646	1 2 .				
66	14.56	513	1.05	11575	1 4 .				
60	15.93	512	1.18	11646	1 6 .				
52	18.49	646	0.91	11504	1 8 .				
46	20.96	730	0.84	11433	2 0 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
43	22.40	707	0.94	11504	2 2 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
38	25.11	788	0.84	11433	2 5 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
116	8.23	294	1.49	9507	C 0 6 2 0 8 . 0 _ MJ - _ _ 4 . 0 6 A _	84.0	132Ma	6 1 1 0 3 - 1 1 4 - _ _ _	48
83	11.57	410	1.21	9436	1 1 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
74	12.97	458	1.13	9408	1 2 .				
66	14.56	513	1.05	9369	1 4 .				
60	15.93	512	1.18	9394	1 6 .				
52	18.49	646	0.91	9289	1 8 .				
46	20.96	730	0.84	9232	2 0 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
43	22.40	707	0.96	9274	2 2 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
38	25.11	787	0.88	9218	2 5 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
34	28.18	878	0.81	9180	2 8 .				
121	7.90	290	2.12	24231	C 0 7 2 0 8 . 0 _ M _ - _ _ 4 . 0 6 A _	131.0	132Ma	6 1 1 0 4 - 1 1 4 - _ _ _	60
87	10.94	400	2.12	26142	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
78	12.29	449	1.99	26908	1 2 .				
71	13.52	492	1.88	27541	1 4 .				
60	15.80	554	1.44	28408	1 6 .				
54	17.66	639	1.59	28158	1 8 .				
48	20.07	719	1.47	28366	2 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
44	21.89	760	1.13	29075	2 2 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
39	24.59	849	1.04	29075	2 5 .				
35	27.03	930	0.96	29075	2 8 .				
87	11.01	407	3.81	31852	C 0 8 2 0 1 1 . _ M _ - _ _ 4 . 0 6 A _	179.0	132Ma	6 1 1 0 6 - 1 2 0 - _ _ _	80
78	12.24	449	3.58	32747	1 2 .				
70	13.61	497	3.36	33642	1 4 .				
61	15.54	552	2.93	35273	1 6 .				
54	17.60	639	2.86	36000	1 8 .				
48	19.76	717	2.66	37042	2 0 .				
43	22.03	776	2.29	38726	2 2 .				
39	24.47	858	2.12	39768	2 5 .				
35	27.22	951	1.95	40441	2 8 .				
30	31.78	1135	1.96	40191	3 2 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
27	35.20	1213	1.61	41233	3 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
24	39.51	1356	1.47	41608	4 0 .				
22	43.64	1547	1.59	40678	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
19	49.26	1736	1.46	40932	5 0 .				
17	54.60	1847	1.14	41775	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
15	63.56	2134	1.01	41712	6 3 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
14	69.64	2424	1.15	41616	7 1 .				
12	76.50	2651	1.04	41616	8 0 .				
21	44.55	1593	2.66	53704	C 0 9 2 0 4 5 . _ M _ - _ _ 4 . 0 6 A _	247.0	132Ma	6 1 1 0 8 - 1 2 4 - _ _ _	100
19	49.49	1769	2.42	53673	5 0 .				
14	69.91	2469	1.80	53607	7 1 .				
12	77.18	2717	1.65	53559	8 0 .				
10	93.18	3089	1.72	53511	9 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
9.2	103.53	3407	1.60	53462	1 0 0				
9.0	106.17	3699	1.25	53457	1 1 2			6 1 1 0 8 - 1 2 4 - _ _ _	100
8.0	119.38	4127	1.13	53389	1 2 5				
6.5	146.23	4723	1.18	53321	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
5.9	161.44	5193	1.07	53252	1 6 0				
14	69.18	2463	3.33	87362	C 1 0 2 0 7 1 . _ M _ - _ _ 4 . 0 6 A _	355.0	132Ma	6 1 1 0 9 - 1 3 0 - _ _ _	120
12	79.71	2835	2.88	87400	8 0 .				
10	91.32	3107	2.47	87373	9 0 .				
9.4	101.47	3437	2.28	87347	1 0 0				
8.9	107.80	3783	2.14	87400	1 1 2				
8.2	115.82	4051	1.95	87400	1 2 5				
6.6	144.71	4826	1.73	87316	1 4 0				
5.7	166.73	5525	1.54	87275	1 6 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
4.2	225.50	7366	1.20	87212	2 1 2				
3.9	242.27	7863	1.12	87212	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

5.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
176	8.23	268	1.39	11786	C 0 6 2 0 8 . 0 _ MC - _ _ 5 . 5 4 A _	78.0	132Sa	6 1 1 0 3 - 1 1 0 - _ _ _	48
125	11.57	375	1.14	11715	1 1 .				
112	12.97	419	1.06	11715	1 2 .				
100	14.56	469	0.99	11600	1 4 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
91	15.93	471	1.10	11700	1 6 .				
78	18.49	591	0.86	11500	1 8 .				
65	22.40	654	0.90	11500	2 2 .				
58	25.11	729	0.84	11500	2 5 .			6 1 1 0 5 - 1 1 0 - _ _ _	70
176	8.23	268	1.39	9527	C 0 6 2 0 8 . 0 _ MJ - _ _ 5 . 5 4 A _	78.0	132Sa	6 1 1 0 3 - 1 1 4 - _ _ _	48
125	11.57	375	1.14	9463	1 1 .				
112	12.97	419	1.06	9434	1 2 .				
100	14.56	469	0.99	9390	1 4 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
91	15.93	471	1.10	9420	1 6 .				
78	18.49	591	0.86	9320	1 8 .				
65	22.40	654	0.90	9310	2 2 .				
58	25.11	729	0.84	9270	2 5 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
184	7.90	263	2.35	22426	C 0 7 2 0 8 . 0 _ M _ - _ _ 5 . 5 4 A _	125.0	132Sa	6 1 1 0 4 - 1 1 4 - _ _ _	60
132	10.94	367	2.00	23887	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
118	12.29	410	1.87	24437	1 2 .				
107	13.52	449	1.77	25025	1 4 .				
92	15.80	505	1.42	26337	1 6 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
82	17.66	583	1.51	26550	1 8 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
72	20.07	661	1.39	27269	2 0 .				
66	21.89	695	1.12	27954	2 2 .				
59	24.59	777	1.03	28141	2 5 .				
54	27.03	854	0.96	28452	2 8 .				
132	11.01	370	3.56	29375	C 0 8 2 0 1 1 . _ M _ - _ _ 5 . 5 4 A _	173.0	132Sa	6 1 1 0 6 - 1 2 0 - _ _ _	80
119	12.24	412	3.35	29997	1 2 .				
107	13.61	454	3.15	30894	1 4 .				
* 93	15.54	502	2.76	32297	1 6 .				
82	17.60	587	2.69	32885	1 8 .				
73	19.76	657	2.51	33930	2 0 .				
66	22.03	706	2.24	35010	2 2 .				
59	24.47	782	2.11	35482	2 5 .				
53	27.22	873	1.95	36025	2 8 .				
46	31.78	1041	1.87	36575	3 2 .				
41	35.20	1117	1.61	38375	3 6 .				
37	39.51	1244	1.48	39412	4 0 .				
33	43.64	1415	1.53	38110	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
29	49.26	1588	1.42	39122	5 0 .				
27	54.60	1700	1.15	41090	5 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
23	63.56	1960	1.03	41775	6 3 .				
21	69.64	2216	1.12	40404	7 1 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
19	76.50	2431	1.05	40689	8 0 .				
33	44.55	1458	2.76	53243	C 0 9 2 0 4 5 . _ M _ - _ _ 5 . 5 4 A _	241.0	132Sa	6 1 1 0 8 - 1 2 4 - _ _ _	100
29	49.49	1618	2.53	53344	5 0 .				
21	69.91	2252	1.89	53622	7 1 .				
19	77.18	2489	1.73	53577	8 0 .				
16	93.18	2845	1.67	53533	9 0 .				
14	103.53	3141	1.56	53488	1 0 0				
14	106.17	3382	1.31	53525	1 1 2				
12	119.38	3781	1.19	53456	1 2 5				
10	146.23	4367	1.23	53387	1 4 0			6 1 1 0 9 - 1 2 4 - _ _ _	120
9.0	161.44	4791	1.14	53318	1 6 0				
6.5	222.08	6474	0.86	53100	2 1 2				
21	69.18	2259	3.36	85716	C 1 0 2 0 7 1 . _ M _ - _ _ 5 . 5 4 A _	349.0	132Sa	6 1 1 0 9 - 1 3 0 - _ _ _	120
18	79.71	2588	2.96	86407	8 0 .				
16	91.32	2858	2.49	87400	9 0 .				
14	101.47	3160	2.29	87374	1 0 0				
13	107.80	3470	2.35	87400	1 1 2				
13	115.82	3701	2.09	87400	1 2 5				
10	144.71	4441	1.75	87325	1 4 0				
8.7	166.73	5084	1.57	87287	1 6 0				
6.4	225.50	6769	1.24	87275	2 1 2				
6.0	242.27	7244	1.17	87275	2 5 0				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

5.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
117	8.23	403	1.09	11700	C 0 6 2 0 8 . 0 _ MC - _ _ 5 . 5 6 A _	94.0	132Mb	6 1 1 0 3 - 1 1 0 - _ _ _	48
83	11.57	561	0.89	11600	1 1 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
74	12.97	627	0.83	11500	1 2 .				
60	15.93	700	0.86	11500	1 6 .				
117	8.23	403	1.09	9440	C 0 6 2 0 8 . 0 _ MJ - _ _ 5 . 5 6 A _	94.0	132Mb	6 1 1 0 3 - 1 1 4 - _ _ _	48
83	11.57	561	0.89	9340	1 1 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
74	12.97	627	0.83	9300	1 2 .				
60	15.93	700	0.86	9280	1 6 .				
122	7.90	397	1.55	23710	C 0 7 2 0 8 . 0 _ M _ - _ _ 5 . 5 6 A _	141.0	132Mb	6 1 1 0 4 - 1 1 4 - _ _ _	60
88	10.94	548	1.55	25447	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
78	12.29	614	1.46	26133	1 2 .				
71	13.52	673	1.38	26666	1 4 .				
61	15.80	758	1.05	27933	1 6 .				
54	17.66	875	1.17	27533	1 8 .				
48	20.07	984	1.08	27866	2 0 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
44	21.89	1039	0.83	29000	2 2 .				
124	7.77	395	3.16	29047	C 0 8 2 0 8 . 0 _ M _ - _ _ 5 . 5 6 A _	189.0	132Mb	6 1 1 0 6 - 1 2 0 - _ _ _	80
87	11.01	557	2.78	31284	1 1 .				
78	12.24	614	2.62	32115	1 2 .				
71	13.61	680	2.45	32947	1 4 .				
62	15.54	755	2.15	34657	1 6 .				
55	17.60	875	2.09	35100	1 8 .				
49	19.76	981	1.95	36047	2 0 .				
44	22.03	1061	1.68	37842	2 2 .				
39	24.47	1174	1.55	38789	2 5 .				
35	27.22	1301	1.43	39566	2 8 .				
30	31.78	1552	1.44	39166	3 2 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
27	35.20	1660	1.17	40833	3 6 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
24	39.51	1855	1.07	41433	4 0 .				
22	43.64	2117	1.16	40173	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
19	49.26	2375	1.07	40532	5 0 .				
18	54.60	2527	0.83	41700	5 6 .				
14	69.64	3316	0.84	41500	7 1 .			6 1 1 0 8 - 1 2 0 - _ _ _	100
22	44.55	2179	1.95	53660	C 0 9 2 0 4 5 . _ M _ - _ _ 5 . 5 6 A _	257.0	132Mb	6 1 1 0 8 - 1 2 4 - _ _ _	100
19	49.49	2420	1.77	53614	5 0 .				
14	69.91	3377	1.31	53518	7 1 .				
12	77.18	3716	1.21	53448	8 0 .				
10	93.18	4226	1.26	53377	9 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
9.3	103.53	4660	1.17	53307	1 0 0				
9.0	106.17	5060	0.91	53300	1 1 2			6 1 1 0 8 - 1 2 4 - _ _ _	100
8.0	119.38	5645	0.82	53200	1 2 5			6 1 1 0 9 - 1 2 4 - _ _ _	120
6.6	146.23	6461	0.86	53100	1 4 0				
22	43.65	2160	3.76	85776	C 1 0 2 0 4 5 . _ M _ - _ _ 5 . 5 6 A _	365.0	132Mb	6 1 1 0 9 - 1 3 0 - _ _ _	120
20	48.51	2390	3.47	86058	5 0 .				
14	69.18	3369	2.44	87340	7 1 .				
12	79.71	3878	2.11	87400	8 0 .				
11	91.32	4250	1.81	87357	9 0 .				
9.5	101.47	4702	1.67	87315	1 0 0				
8.9	107.80	5174	1.57	87400	1 1 2				
8.3	115.82	5542	1.43	87400	1 2 5				
6.6	144.71	6601	1.26	87266	1 4 0				
5.8	166.73	7558	1.13	87200	1 6 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
4.3	225.50	10075	0.88	87100	2 1 2				
4.0	242.27	10756	0.82	87100	2 5 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

7.5 kW

4 POLE

	N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	UNIT DESIGNATION Column Entry 1 Through 20 Spaces to be filled when entering order	Kg Weight of Base Mount Unit	Motor Frame Size	SERIES X Cone Ring Output Coupling Spaces to be filled when entering order	MM Max Bore Coupling Driven Half
	176	8.23	366	1.02	11700	C 0 6 2 0 8 . 0 _ MC - _ _ 7 . 5 4 A _	88.0	132Ma	6 1 1 0 3 - 1 1 0 - _ _ _	48
	125	11.57	511	0.83	11600	1 1 .			6 1 1 0 4 - 1 1 0 - _ _ _	60
	176	8.23	366	1.02	9470	C 0 6 2 0 8 . 0 _ MJ - _ _ 7 . 5 4 A _	88.0	132Ma	6 1 1 0 3 - 1 1 4 - _ _ _	48
	125	11.57	511	0.83	9380	1 1 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
	184	7.90	359	1.72	21957	C 0 7 2 0 8 . 0 _ M _ - _ _ 7 . 5 4 A _	135.0	132Ma	6 1 1 0 4 - 1 1 4 - _ _ _	60
	132	10.94	500	1.47	23273	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	118	12.29	559	1.37	23732	1 2 .				
	107	13.52	612	1.30	24252	1 4 .				
	92	15.80	689	1.04	25632	1 6 .			6 1 1 0 4 - 1 1 4 - _ _ _	60
	82	17.66	795	1.11	25550	1 8 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	72	20.07	901	1.02	26100	2 0 .				
	66	21.89	947	0.82	27200	2 2 .				
*	187	7.77	356	3.20	26947	C 0 8 2 0 8 . 0 _ M _ - _ _ 7 . 5 4 A _	183.0	132Ma	6 1 2 0 6 - 1 2 0 - _ _ _	80
	132	11.01	505	2.61	28875	1 1 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	119	12.24	562	2.45	29450	1 2 .				
	107	13.61	619	2.31	30285	1 4 .				
*	93	15.54	685	2.03	31750	1 6 .				
	82	17.60	800	1.97	32088	1 8 .				
	73	19.76	896	1.84	33039	2 0 .				
	66	22.03	963	1.64	34229	2 2 .				
	59	24.47	1066	1.55	34622	2 5 .				
	53	27.22	1191	1.43	35070	2 8 .				
	46	31.78	1419	1.37	35165	3 2 .				
	41	35.20	1523	1.18	37147	3 6 .				
	37	39.51	1697	1.08	38026	4 0 .				
	33	43.64	1930	1.12	36579	4 5 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
	29	49.26	2166	1.04	38000	5 0 .				
	27	54.60	2318	0.85	40600	5 6 .				
	21	69.64	3021	0.82	39800	7 1 .				
	33	44.55	1988	2.03	52990	C 0 9 2 0 4 5 . _ M _ - _ _ 7 . 5 4 A _	251.0	132Ma	6 1 1 0 8 - 1 2 4 - _ _ _	100
	29	49.49	2206	1.85	53137	5 0 .				
	21	69.91	3072	1.39	53541	7 1 .				
	19	77.18	3394	1.27	53476	8 0 .				
	16	93.18	3880	1.23	53412	9 0 .				
	14	103.53	4283	1.14	53347	1 0 0				
	14	106.17	4612	0.96	53400	1 1 2				
	12	119.38	5156	0.87	53300	1 2 5			6 1 1 0 9 - 1 2 4 - _ _ _	120
	10	146.23	5955	0.90	53200	1 4 0				
	9.0	161.44	6534	0.84	53100	1 6 0				
	33	43.65	1968	3.63	82939	C 1 0 2 0 4 5 . _ M _ - _ _ 7 . 5 4 A _	359.0	132Ma	6 1 1 0 9 - 1 3 0 - _ _ _	120
	30	48.51	2181	3.33	83701	5 0 .				
	21	69.18	3081	2.47	84696	7 1 .				
	18	79.71	3529	2.17	85806	8 0 .				
	16	91.32	3897	1.83	87400	9 0 .				
	14	101.47	4309	1.68	87358	1 0 0				
	13	107.80	4732	1.72	87400	1 1 2				
	13	115.82	5047	1.53	87400	1 2 5				
	10	144.71	6056	1.28	87279	1 4 0				
	8.7	166.73	6933	1.15	87219	1 6 0				
	6.4	225.50	9231	0.91	87200	2 1 2			6 1 1 1 0 - 1 3 0 - _ _ _	140
	6.0	242.27	9879	0.86	87200	2 5 0				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

7.5 kW

6 POLE

N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	UNIT DESIGNATION Column Entry 1 Through 20 Spaces to be filled when entering order	Kg Weight of Base Mount Unit	Motor Frame Size	SERIES X Cone Ring Output Coupling Spaces to be filled when entering order	MM Max Bore Coupling Driven Half
122	7.90	538	1.14	23015	C 0 7 2 0 8 . 0 _ M _ - _ _ 7 . 5 6 A _	150.0	160M	6 1 1 0 4 - 1 1 4 - _ _ _	60
88	10.94	743	1.14	24521	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
78	12.29	833	1.07	25100	1 2 .				
71	13.52	913	1.01	25500	1 4 .				
55	17.66	1187	0.86	26700	1 8 .			6 1 2 0 6 - 1 1 4 - _ _ _	80
124	7.77	536	2.33	28521	C 0 8 2 0 8 . 0 _ M _ - _ _ 7 . 5 6 A _	198.0	160M	6 1 1 0 6 - 1 2 0 - _ _ _	80
88	11.01	755	2.05	30526	1 1 .				
79	12.24	834	1.93	31273	1 2 .				
71	13.61	922	1.81	32021	1 4 .				
62	15.54	1024	1.58	33836	1 6 .				
55	17.60	1187	1.54	33900	1 8 .				
49	19.76	1331	1.43	34721	2 0 .				
44	22.03	1440	1.24	36663	2 2 .				
39	24.47	1593	1.14	37484	2 5 .				
35	27.22	1765	1.05	38400	2 8 .				
30	31.78	2106	1.06	37800	3 2 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
27	35.20	2252	0.87	40300	3 6 .				
22	43.64	2872	0.86	39500	4 5 .				
88	10.98	756	3.75	48300	C 0 9 2 0 1 1 . _ M _ - _ _ 7 . 5 6 A _	266.0	160M	6 1 1 0 7 - 1 2 4 - _ _ _	90
78	12.30	849	3.50	49500	1 2 .				
70	13.81	947	3.27	50900	1 4 .				
58	16.68	1102	2.77	53800	1 6 .				
54	17.79	1219	2.79	53800	1 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
49	19.88	1350	2.61	53800	2 0 .				
42	22.96	1505	2.29	53800	2 2 .				
37	25.73	1674	2.14	53800	2 5 .				
33	28.89	1872	2.00	53800	2 8 .				
31	31.43	2123	1.92	53800	3 2 .				
26	37.22	2396	1.70	53800	3 6 .				
23	41.59	2652	1.59	53700	4 0 .				
22	44.55	2956	1.43	53602	4 5 .				
19	49.49	3282	1.31	53536	5 0 .				
17	57.66	3629	1.29	53600	5 6 .				
15	65.74	4112	1.18	53500	6 3 .				
14	69.91	4581	0.97	53400	7 1 .				
13	77.18	5041	0.89	53300	8 0 .				
10	93.18	5733	0.93	53200	9 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
9.3	103.53	6322	0.86	53100	1 0 0				
42	23.23	1546	3.86	79500	C 1 0 2 0 2 2 . _ M _ - _ _ 7 . 5 6 A _	374.0	160M	6 1 1 0 9 - 1 3 0 - _ _ _	120
38	25.27	1680	3.62	81400	2 5 .				
34	28.70	1900	3.28	84200	2 8 .				
30	31.85	2156	3.42	85000	3 2 .				
26	37.38	2450	2.68	87400	3 6 .				
24	40.36	2643	2.52	87400	4 0 .				
22	43.65	2930	2.77	84964	4 5 .				
20	48.51	3242	2.56	85388	5 0 .				
16	58.85	3805	1.86	87400	5 6 .				
14	66.63	4281	1.69	87400	6 3 .				
14	69.18	4571	1.80	87311	7 1 .				
12	79.71	5261	1.55	87400	8 0 .				
11	91.32	5766	1.33	87336	9 0 .				
10	101.47	6378	1.23	87273	1 0 0				
9.0	107.80	7019	1.16	87400	1 1 2				
8.3	115.82	7518	1.05	87400	1 2 5				
6.7	144.71	8955	0.93	87200	1 4 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
5.8	166.73	10253	0.83	87100	1 6 0				

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

11.0 kW

4 POLE

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
	184	7.90	526	1.18	21137	C 0 7 2 0 8 . 0 _ M _ - _ _ 1 1 . 4 A _	155.0	160M	6 1 1 0 4 - 1 1 4 - _ _ _	60
	133	10.94	731	1.00	22200	1 1 .			6 1 1 0 5 - 1 1 4 - _ _ _	70
	118	12.29	817	0.94	22500	1 2 .				
	108	13.52	894	0.89	22900	1 4 .				
*	187	7.77	520	2.19	26318	C 0 8 2 0 8 . 0 _ M _ - _ _ 1 1 . 4 A _	203.0	160M	6 1 2 0 6 - 1 2 0 - _ _ _	80
	132	11.01	738	1.79	28000	1 1 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	119	12.24	822	1.68	28493	1 2 .				
	107	13.61	906	1.58	29218	1 4 .				
*	94	15.54	1002	1.39	30793	1 6 .				
	83	17.60	1170	1.35	30693	1 8 .				
	74	19.76	1310	1.26	31481	2 0 .				
	66	22.03	1408	1.12	32862	2 2 .				
	59	24.47	1559	1.06	33118	2 5 .				
	53	27.22	1741	0.98	33400	2 8 .				
	46	31.78	2075	0.94	32700	3 2 .				
	41	35.20	2227	0.81	35000	3 6 .			6 1 1 0 7 - 1 2 0 - _ _ _	90
*	182	7.97	539	3.93	41700	C 0 9 2 0 8 . 0 _ M _ - _ _ 1 1 . 4 A _	271.0	160M	6 1 1 0 6 - 1 2 4 - _ _ _	80
	133	10.98	738	3.27	44600	1 1 .			6 1 1 0 7 - 1 2 4 - _ _ _	90
	118	12.30	831	3.06	45600	1 2 .				
	105	13.81	928	2.86	47000	1 4 .				
*	87	16.68	1075	2.43	49800	1 6 .				
	82	17.79	1189	2.45	49900	1 8 .				
	73	19.88	1327	2.29	51400	2 0 .				
	63	22.96	1474	2.01	53600	2 2 .				
	57	25.73	1652	1.87	53800	2 5 .				
	50	28.89	1838	1.75	53800	2 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
	46	31.43	2082	1.72	53800	3 2 .				
	39	37.22	2366	1.50	53800	3 6 .				
	35	41.59	2619	1.40	53700	4 0 .				
	33	44.55	2906	1.39	52548	4 5 .				
	29	49.49	3225	1.27	52775	5 0 .				
	25	57.66	3604	1.14	53600	5 6 .				
	22	65.74	4054	1.06	53500	6 3 .				
	21	69.91	4490	0.95	53400	7 1 .				
	19	77.18	4961	0.87	53300	8 0 .				
	16	93.18	5671	0.84	53200	9 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
	63	23.23	1518	3.55	73000	C 1 0 2 0 2 2 . _ M _ - _ _ 1 1 . 4 A _	379.0	160M	6 1 1 0 9 - 1 3 0 - _ _ _	120
	58	25.27	1650	3.36	74000	2 5 .				
	51	28.70	1868	3.06	75400	2 8 .				
	46	31.85	2119	3.02	75100	3 2 .				
	39	37.38	2415	2.51	79400	3 6 .				
	36	40.36	2602	2.36	81000	4 0 .				
	33	43.65	2877	2.48	80522	4 5 .				
	30	48.51	3187	2.28	81258	5 0 .				
	25	58.85	3740	1.77	87400	5 6 .				
	22	66.63	4216	1.61	87400	6 3 .				
	21	69.18	4503	1.69	82911	7 1 .				
	18	79.71	5158	1.49	84754	8 0 .				
	16	91.32	5697	1.25	87400	9 0 .				
	14	101.47	6298	1.15	87331	1 0 0				
	13	107.80	6917	1.18	87400	1 1 2				
	13	115.82	7378	1.05	87400	1 2 5				
	10	144.71	8851	0.88	87200	1 4 0			6 1 1 1 0 - 1 3 0 - _ _ _	140

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

11.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
124	7.77	786	1.59	27600	C 0 8 2 0 8 . 0 _ M _ - _ _ 1 1 . 6 A _	217.0	160L	6 1 1 0 6 - 1 2 0 - _ _ _	80
88	11.01	1108	1.40	29200	1 1 .				
79	12.24	1223	1.32	29800	1 2 .				
71	13.61	1353	1.23	30400	1 4 .				
62	15.54	1502	1.08	32400	1 6 .				
55	17.60	1741	1.05	31800	1 8 .				
49	19.76	1953	0.98	32400	2 0 .				
44	22.03	2112	0.84	34600	2 2 .				
121	7.97	810	3.10	44360	C 0 9 2 0 8 . 0 _ M _ - _ _ 1 1 . 6 A _	285.0	160L	6 1 1 0 7 - 1 2 4 - _ _ _	90
88	10.98	1109	2.56	47148	1 1 .				
78	12.30	1245	2.39	48208	1 2 .				
70	13.81	1390	2.23	49468	1 4 .				
58	16.68	1617	1.89	52641	1 6 .				
54	17.79	1788	1.90	52037	1 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
49	19.88	1980	1.78	52206	2 0 .				
42	22.96	2207	1.56	53341	2 2 .				
37	25.73	2455	1.46	53704	2 5 .				
33	28.89	2746	1.36	53672	2 8 .				
31	31.43	3114	1.31	53163	3 2 .				
26	37.22	3515	1.16	53613	3 6 .				
23	41.59	3889	1.09	53513	4 0 .				
22	44.55	4336	0.98	53500	4 5 .				
19	49.49	4814	0.89	53400	5 0 .				
17	57.66	5323	0.88	53300	5 6 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
15	65.74	6031	0.80	53200	6 3 .				
70	13.72	1394	3.93	67833	C 1 0 2 0 1 4 . _ M _ - _ _ 1 1 . 6 A _	393.0	160L	6 1 1 0 9 - 1 3 0 - _ _ _	120
58	16.63	1639	3.37	71873	1 6 .				
54	17.87	1802	3.34	72391	1 8 .				
50	19.29	1944	3.19	74166	2 0 .				
42	23.23	2268	2.63	78084	2 2 .				
38	25.27	2464	2.47	79860	2 5 .				
34	28.70	2787	2.24	82457	2 8 .				
30	31.85	3162	2.33	82340	3 2 .				
26	37.38	3594	1.83	85855	3 6 .				
24	40.36	3876	1.72	86144	4 0 .				
22	43.65	4297	1.89	83544	4 5 .				
20	48.51	4755	1.75	84214	5 0 .				
16	58.85	5581	1.27	87336	5 6 .				
14	66.63	6279	1.15	87353	6 3 .				
14	69.18	6704	1.22	87259	7 1 .				
12	79.71	7716	1.06	87400	8 0 .				
11	91.32	8457	0.91	87300	9 0 .				
10	101.47	9355	0.84	87200	1 0 0			6 1 1 1 0 - 1 3 0 - _ _ _	140

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

15.0 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	185	7.90	714	0.87	20200	C 0 7 2 0 8 . 0 _ M _ - _ _ 1 5 . 4 A _	168.0	160L	6 1 1 0 4 - 1 1 4 - _ _ _	60
*	188	7.77	707	1.61	25600	C 0 8 2 0 8 . 0 _ M _ - _ _ 1 5 . 4 A _	216.0	160L	6 1 2 0 6 - 1 2 0 - _ _ _	80
	133	11.01	1003	1.32	27000	1 1 .			6 1 1 0 6 - 1 2 0 - _ _ _	80
	119	12.24	1117	1.24	27400	1 2 .				
	107	13.61	1231	1.16	28000	1 4 .				
*	94	15.54	1362	1.02	29700	1 6 .				
	83	17.60	1590	0.99	29100	1 8 .				
	74	19.76	1781	0.93	29700	2 0 .				
	66	22.03	1913	0.83	31300	2 2 .				
*	183	7.97	732	2.89	41064	C 0 9 2 0 8 . 0 _ M _ - _ _ 1 5 . 4 A _	284.0	160L	6 1 1 0 6 - 1 2 4 - _ _ _	80
	133	10.98	1004	2.41	43729	1 1 .			6 1 1 0 7 - 1 2 4 - _ _ _	90
	119	12.30	1129	2.25	44615	1 2 .				
	106	13.81	1261	2.10	45892	1 4 .				
*	88	16.68	1461	1.79	48831	1 6 .				
	82	17.79	1617	1.81	48489	1 8 .				
	73	19.88	1804	1.68	49800	2 0 .				
	64	22.96	2004	1.48	52254	2 2 .				
	57	25.73	2245	1.38	52527	2 5 .				
	51	28.89	2498	1.29	52672	2 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
	46	31.43	2829	1.27	51506	3 2 .				
	39	37.22	3215	1.10	53640	3 6 .				
	35	41.59	3559	1.03	53540	4 0 .				
	33	44.55	3949	1.02	52042	4 5 .				
	30	49.49	4383	0.93	52362	5 0 .				
	25	57.66	4898	0.84	53400	5 6 .				
	121	12.08	1114	3.99	60823	C 1 0 2 0 1 2 . _ M _ - _ _ 1 5 . 4 A _	392.0	160L	6 1 1 0 8 - 1 3 0 - _ _ _	100
	106	13.72	1263	3.71	62817	1 4 .				
*	88	16.63	1483	3.19	66523	1 6 .				
	82	17.87	1638	3.16	67047	1 8 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
	76	19.29	1764	3.02	68664	2 0 .				
	63	23.23	2064	2.61	71917	2 2 .				
	58	25.27	2242	2.47	72823	2 5 .				
	51	28.70	2539	2.25	74061	2 8 .				
	46	31.85	2880	2.22	73069	3 2 .				
	39	37.38	3282	1.85	77673	3 6 .				
	36	40.36	3537	1.74	79147	4 0 .				
	33	43.65	3910	1.83	77759	4 5 .				
	30	48.51	4332	1.68	78467	5 0 .				
	25	58.85	5083	1.30	85327	5 6 .				
	22	66.63	5730	1.18	85945	6 3 .				
	21	69.18	6119	1.24	80870	7 1 .				
	18	79.71	7009	1.09	83552	8 0 .				
	16	91.32	7742	0.92	87400	9 0 .				
	14	101.47	8560	0.85	87300	1 0 0			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE	122	7.97	1099	2.28	43400	C 0 9 2 0 8 . 0 _ M _ - _ _ 1 5 . 6 A _	309.0	180L	6 1 1 0 7 - 1 2 4 - _ _ _	90
	88	10.98	1505	1.89	45833	1 1 .				
	79	12.30	1689	1.76	46733	1 2 .				
	70	13.81	1886	1.64	47833	1 4 .				
	58	16.68	2194	1.39	51317	1 6 .				
	55	17.79	2426	1.40	50024	1 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
	49	19.88	2687	1.31	50386	2 0 .				
	42	22.96	2995	1.15	52817	2 2 .				
	38	25.73	3330	1.08	53595	2 5 .				
	34	28.89	3726	1.00	53527	2 8 .				
	31	31.43	4225	0.96	52436	3 2 .				
	26	37.22	4769	0.86	53400	3 6 .				
	23	41.59	5276	0.80	53300	4 0 .			6 1 1 0 9 - 1 2 4 - _ _ _	120
	122	7.95	1103	3.49	59266	C 1 0 2 0 8 . 0 _ M _ - _ _ 1 5 . 6 A _	417.0	180L	6 1 1 0 8 - 1 3 0 - _ _ _	100
	87	11.11	1536	3.29	63366	1 1 .				
	80	12.08	1666	3.13	64500	1 2 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
	71	13.72	1891	2.90	66500	1 4 .				
	58	16.63	2224	2.49	70700	1 6 .				
	54	17.87	2445	2.47	70666	1 8 .				
	50	19.29	2637	2.35	72300	2 0 .				
	42	23.23	3077	1.94	76466	2 2 .				
	38	25.27	3342	1.82	78100	2 5 .				
	34	28.70	3781	1.65	80466	2 8 .				
	30	31.85	4290	1.72	79300	3 2 .				
	26	37.38	4876	1.35	84089	3 6 .				
	24	40.36	5259	1.27	84710	4 0 .				
	22	43.65	5830	1.39	81920	4 5 .				
	20	48.51	6451	1.29	82873	5 0 .				
	16	58.85	7572	0.94	87263	5 6 .				
	15	66.63	8518	0.85	87300	6 3 .			6 1 1 1 0 - 1 3 0 - _ _ _	140
	14	69.18	9095	0.90	87200	7 1 .				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

18.5 kW

		N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
		Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	*	183	7.97	903	2.35	40508	C 0 9 2 0 8 . 0 _ M _ - _ _ 1 8 . 4 A _	307.0	180M	6 1 1 0 6 - 1 2 4 - _ _ _	80
		133	10.98	1238	1.95	42967	1 1 .			6 1 1 0 7 - 1 2 4 - _ _ _	90
		119	12.30	1393	1.82	43753	1 2 .				
		106	13.81	1555	1.70	44923	1 4 .				
	*	88	16.68	1802	1.45	47984	1 6 .				
		82	17.79	1994	1.46	47255	1 8 .				
		73	19.88	2225	1.37	48400	2 0 .				
		64	22.96	2472	1.20	51077	2 2 .				
		57	25.73	2769	1.12	51413	2 5 .				
		51	28.89	3081	1.04	51686	2 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
		46	31.43	3489	1.03	49500	3 2 .				
		39	37.22	3965	0.89	53500	3 6 .				
		35	41.59	4390	0.84	53400	4 0 .				
		33	44.55	4871	0.83	51600	4 5 .				
		131	11.11	1264	3.40	59054	C 1 0 2 0 1 1 . _ M _ - _ _ 1 8 . 4 A _	415.0	180M	6 1 1 0 8 - 1 3 0 - _ _ _	100
		121	12.08	1374	3.24	60144	1 2 .				
		106	13.72	1557	3.00	62045	1 4 .				
	*	88	16.63	1829	2.59	65844	1 6 .				
		82	17.87	2020	2.56	66038	1 8 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
		76	19.29	2176	2.45	67583	2 0 .				
		63	23.23	2545	2.12	70970	2 2 .				
		58	25.27	2765	2.00	71794	2 5 .				
		51	28.70	3131	1.82	72890	2 8 .				
		46	31.85	3552	1.80	71292	3 2 .				
		39	37.38	4048	1.50	76163	3 6 .				
		36	40.36	4362	1.41	77526	4 0 .				
		33	43.65	4822	1.48	75342	4 5 .				
		30	48.51	5342	1.36	76025	5 0 .				
		25	58.85	6269	1.06	83513	5 6 .				
		22	66.63	7067	0.96	84672	6 3 .				
		21	69.18	7547	1.01	79085	7 1 .				
		18	79.71	8645	0.89	82500	8 0 .			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE		122	7.97	1355	1.85	42560	C 0 9 2 0 8 . 0 _ M _ - _ _ 1 8 . 6 A _	331.0	200LA	6 1 1 0 7 - 1 2 4 - _ _ _	90
		88	10.98	1857	1.53	44682	1 1 .				
		79	12.30	2083	1.43	45442	1 2 .				
		70	13.81	2326	1.33	46402	1 4 .				
		58	16.68	2706	1.13	50158	1 6 .				
		55	17.79	2992	1.14	48262	1 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
		49	19.88	3314	1.07	48793	2 0 .				
		42	22.96	3693	0.93	52358	2 2 .				
		38	25.73	4108	0.87	53500	2 5 .				
		34	28.89	4595	0.81	53400	2 8 .				
		122	7.95	1360	2.83	58597	C 1 0 2 0 8 . 0 _ M _ - _ _ 1 8 . 6 A _	441.0	200LA	6 1 1 0 8 - 1 3 0 - _ _ _	100
		87	11.11	1894	2.67	62417	1 1 .				
		80	12.08	2055	2.54	63473	1 2 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
		71	13.72	2333	2.35	65333	1 4 .				
		58	16.63	2743	2.02	69673	1 6 .				
		54	17.87	3016	2.00	69157	1 8 .				
		50	19.29	3252	1.91	70666	2 0 .				
		42	23.23	3795	1.57	75051	2 2 .				
		38	25.27	4122	1.47	76560	2 5 .				
		34	28.70	4663	1.34	78724	2 8 .				
		30	31.85	5291	1.39	76640	3 2 .				
		26	37.38	6014	1.09	82544	3 6 .				
		24	40.36	6486	1.03	83455	4 0 .				
		22	43.65	7191	1.13	80500	4 5 .				
		20	48.51	7956	1.04	81700	5 0 .				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

22.0 kW

		N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg		SERIES X	MM
		Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of Base Mount Unit	Motor Frame Size	Cone Ring Output Coupling Spaces to be filled when entering order	Max Bore Coupling Driven Half
4 POLE	*	184	7.97	1071	1.98	39952	C 0 9 2 0 8 . 0 _ M _ - _ _ 2 2 . 4 A _	343.0	180L	6 1 1 0 6 - 1 2 4 - _ _ _	80
		133	10.98	1467	1.65	42205	1 1 .			6 1 1 0 7 - 1 2 4 - _ _ _	90
		119	12.30	1650	1.54	42892	1 2 .				
		106	13.81	1843	1.44	43953	1 4 .				
	*	88	16.68	2136	1.22	47136	1 6 .				
		82	17.79	2363	1.24	46021	1 8 .				
		74	19.88	2637	1.15	47000	2 0 .				
		64	22.96	2929	1.01	49900	2 2 .				
		57	25.73	3282	0.94	50300	2 5 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
		51	28.89	3651	0.88	50700	2 8 .				
	*	184	7.95	1072	3.48	54676	C 1 0 2 0 8 . 0 _ M _ - _ _ 2 2 . 4 A _	451.0	180L	6 1 1 0 8 - 1 3 0 - _ _ _	100
		132	11.11	1498	2.87	58426	1 1 .				
		121	12.08	1628	2.73	59464	1 2 .				
		107	13.72	1846	2.54	61273	1 4 .				
	*	88	16.63	2168	2.18	65164	1 6 .				
		82	17.87	2394	2.16	65029	1 8 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
		76	19.29	2579	2.07	66502	2 0 .				
		63	23.23	3017	1.79	70023	2 2 .				
		58	25.27	3278	1.69	70764	2 5 .				
		51	28.70	3711	1.54	71719	2 8 .				
		46	31.85	4210	1.52	69515	3 2 .				
		39	37.38	4798	1.26	74652	3 6 .				
		36	40.36	5170	1.19	75905	4 0 .				
		34	43.65	5715	1.25	72925	4 5 .				
		30	48.51	6332	1.15	73582	5 0 .				
		25	58.85	7430	0.89	81700	5 6 .				
		22	66.63	8375	0.81	83400	6 3 .				
		21	69.18	8945	0.85	77300	7 1 .			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE		122	7.97	1612	1.56	41720	C 0 9 2 0 8 . 0 _ M _ - _ _ 2 2 . 6 A _	351.0	200LB	6 1 1 0 7 - 1 2 4 - _ _ _	90
		88	10.98	2208	1.29	43531	1 1 .				
		79	12.30	2477	1.20	44151	1 2 .				
		70	13.81	2766	1.12	44971	1 4 .				
		58	16.68	3218	0.95	49000	1 6 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
		55	17.79	3559	0.96	46500	1 8 .				
		49	19.88	3941	0.90	47200	2 0 .				
		122	7.95	1618	2.38	57928	C 1 0 2 0 8 . 0 _ M _ - _ _ 2 2 . 6 A _	461.0	200LB	6 1 1 0 8 - 1 3 0 - _ _ _	100
		87	11.11	2253	2.25	61468	1 1 .				
		80	12.08	2444	2.14	62446	1 2 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
		71	13.72	2774	1.97	64166	1 4 .				
		58	16.63	3263	1.69	68646	1 6 .				
		54	17.87	3587	1.68	67648	1 8 .				
		50	19.29	3868	1.60	69033	2 0 .				
		42	23.23	4513	1.32	73635	2 2 .				
		38	25.27	4903	1.24	75020	2 5 .				
		34	28.70	5545	1.13	76982	2 8 .				
		30	31.85	6292	1.17	73980	3 2 .				
		26	37.38	7152	0.92	81000	3 6 .				
		24	40.36	7713	0.86	82200	4 0 .				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

30.0 kW

		N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	UNIT DESIGNATION Column Entry [1] Through [20] Spaces to be filled when entering order	Kg Weight of Base Mount Unit	Motor Frame Size	SERIES X Cone Ring Output Coupling Spaces to be filled when entering order	MM Max Bore Coupling Driven Half
4 POLE	*	184	7.97	1455	1.46	38682	C 0 9 2 0 8 . 0 _ M _ - _ _ 3 0 . 4 A _	374.0	200L	6 1 1 0 6 - 1 2 4 - _ _ _	80
		134	10.98	1994	1.21	40464	1 1 .			6 1 1 0 7 - 1 2 4 - _ _ _	90
		119	12.30	2243	1.13	40923	1 2 .				
		106	13.81	2505	1.06	41738	1 4 .				
	*	88	16.68	2903	0.90	45200	1 6 .				
		83	17.79	3212	0.91	43200	1 8 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
	*	185	7.95	1458	2.56	53641	C 1 0 2 0 8 . 0 _ M _ - _ _ 3 0 . 4 A _	484.0	200L	6 1 1 0 8 - 1 3 0 - _ _ _	100
		132	11.11	2035	2.11	56991	1 1 .				
		122	12.08	2213	2.01	57911	1 2 .				
		107	13.72	2508	1.87	59508	1 4 .				
	*	88	16.63	2946	1.61	63611	1 6 .				
		82	17.87	3254	1.59	62723	1 8 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
		76	19.29	3504	1.52	64032	2 0 .				
		63	23.23	4100	1.31	67858	2 2 .				
		58	25.27	4454	1.24	68411	2 5 .				
		51	28.70	5043	1.13	69042	2 8 .				
		46	31.85	5721	1.12	65453	3 2 .				
		39	37.38	6520	0.93	71200	3 6 .				
		36	40.36	7026	0.88	72200	4 0 .				
		34	43.65	7767	0.92	67400	4 5 .				
		30	48.51	8605	0.84	68000	5 0 .			6 1 1 1 0 - 1 3 0 - _ _ _	140
6 POLE		122	7.97	2187	1.15	39800	C 0 9 2 0 8 . 0 _ M _ - _ _ 3 0 . 6 A _	422.0	225M	6 1 1 0 7 - 1 2 4 - _ _ _	90
		89	10.98	2996	0.95	40900	1 1 .				
		79	12.30	3361	0.88	41200	1 2 .			6 1 1 0 8 - 1 2 4 - _ _ _	100
		71	13.81	3752	0.83	41700	1 4 .				
		123	7.95	2195	1.75	56400	C 1 0 2 0 8 . 0 _ M _ - _ _ 3 0 . 6 A _	532.0	225M	6 1 1 0 8 - 1 3 0 - _ _ _	100
		88	11.11	3056	1.66	59300	1 1 .				
		81	12.08	3315	1.57	60100	1 2 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
		71	13.72	3764	1.46	61500	1 4 .				
		59	16.63	4426	1.25	66300	1 6 .				
		55	17.87	4866	1.24	64200	1 8 .				
		51	19.29	5247	1.18	65300	2 0 .				
		42	23.23	6123	0.98	70400	2 2 .				
		39	25.27	6651	0.91	71500	2 5 .				
		34	28.70	7523	0.83	73000	2 8 .				
		31	31.85	8537	0.86	67900	3 2 .			6 1 1 1 0 - 1 3 0 - _ _ _	140

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

37.0 kW

4 POLE

	N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	UNIT DESIGNATION Column Entry [1] Through [20] Spaces to be filled when entering order	Kg Weight of Base Mount Unit	Motor Frame Size	SERIES X Cone Ring Output Coupling Spaces to be filled when entering order	MM Max Bore Coupling Driven Half
*	185	7.97	1789	1.18	37570	C 0 9 2 0 8 . 0 _ M _ - _ _ 3 7 . 4 A _	413.0	225S	6 1 1 0 6 - 1 2 4 - _ _ _	80
	134	10.98	2451	0.99	38941	1 1 .			6 1 1 0 7 - 1 2 4 - _ _ _	90
	120	12.30	2757	0.92	39200	1 2 .				
	107	13.81	3079	0.86	39800	1 4 .				
*	186	7.95	1792	2.08	52735	C 1 0 2 0 8 . 0 _ M _ - _ _ 3 7 . 4 A _	523.0	225S	6 1 1 0 8 - 1 3 0 - _ _ _	100
	133	11.11	2502	1.72	55735	1 1 .				
	122	12.08	2720	1.64	56552	1 2 .				
	108	13.72	3083	1.52	57964	1 4 .				
*	89	16.63	3621	1.31	62252	1 6 .				
	83	17.87	4000	1.29	60705	1 8 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
	76	19.29	4308	1.24	61870	2 0 .				
	63	23.23	5039	1.07	65964	2 2 .				
	58	25.27	5475	1.01	66352	2 5 .				
	51	28.70	6199	0.92	66700	2 8 .				
	46	31.85	7032	0.91	61900	3 2 .				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

45.0 kW

4 POLE

	N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	UNIT DESIGNATION Column Entry [1] Through [20] Spaces to be filled when entering order	Kg Weight of Base Mount Unit	Motor Frame Size	SERIES X Cone Ring Output Coupling Spaces to be filled when entering order	MM Max Bore Coupling Driven Half
*	185	7.97	2175	0.97	36300	C 0 9 2 0 8 . 0 _ M _ - _ _ 4 5 . 4 A _	431.0	225M	6 1 1 0 7 - 1 2 4 - _ _ _	90
	134	10.98	2982	0.81	37200	1 1 .				
*	186	7.95	2179	1.71	51700	C 1 0 2 0 8 . 0 _ M _ - _ _ 4 5 . 4 A _	541.0	225M	6 1 1 0 8 - 1 3 0 - _ _ _	100
	133	11.11	3043	1.41	54300	1 1 .				
	122	12.08	3308	1.35	55000	1 2 .				
	108	13.72	3750	1.25	56200	1 4 .				
*	89	16.63	4405	1.07	60700	1 6 .				
	83	17.87	4865	1.06	58400	1 8 .			6 1 1 0 9 - 1 3 0 - _ _ _	120
	76	19.29	5239	1.02	59400	2 0 .				
	63	23.23	6129	0.88	63800	2 2 .				
	58	25.27	6659	0.83	64000	2 5 .				

* For mounting positions W,X & Y consult with Textron Power Transmission Application Engineers (speed limited)

NOTE

Ratings are mechanical only and assume 20°C ambient operating temperature, mounting positions ABC.

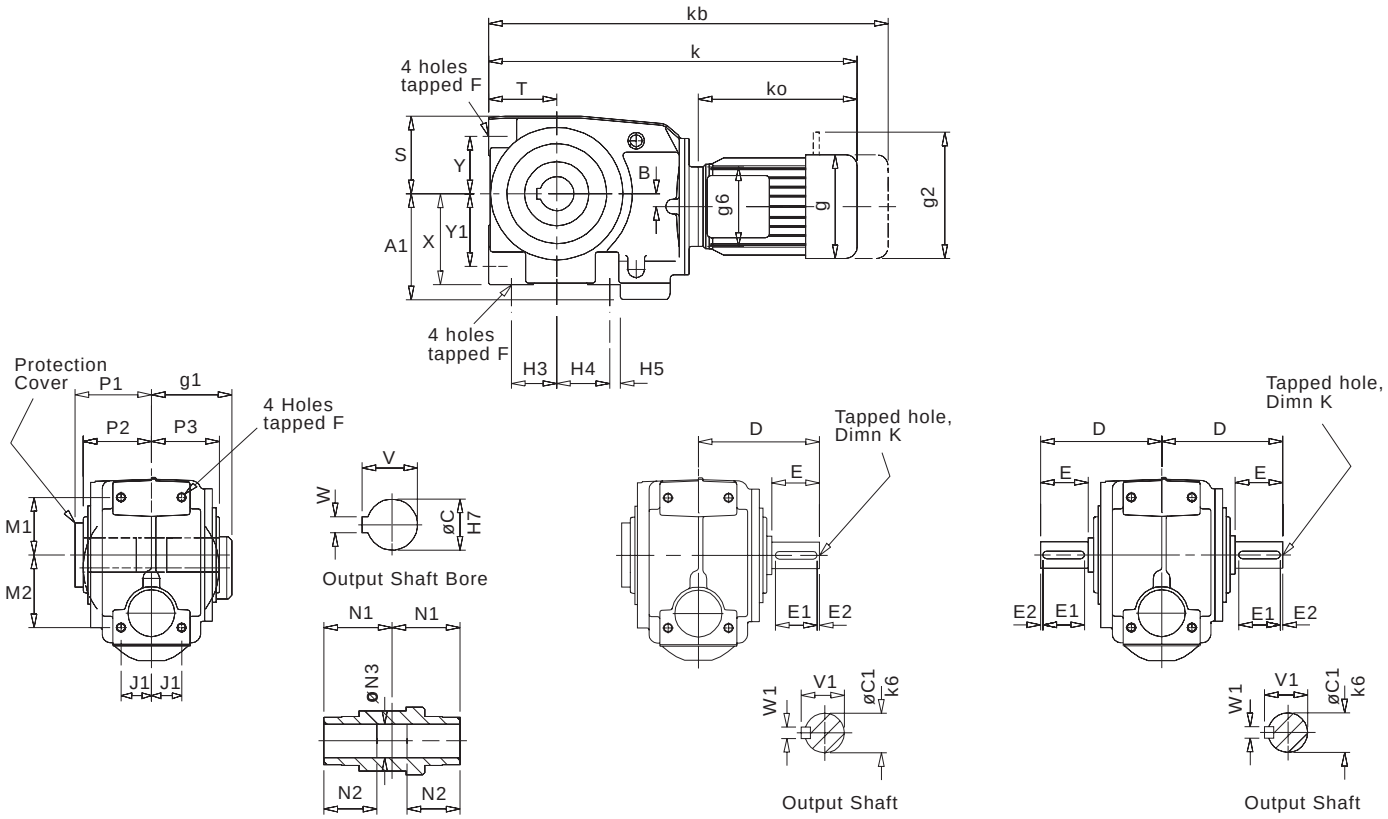
Other output speeds are available using 2 and 8 pole motors - Consult Textron Power Transmission

DIMENSIONS DOUBLE REDUCTION

9706

C	0		2	0				W	M

STANDARD UNIT DOUBLE REDUCTION



SIZE	A1	B	C	C1	D	E	E1	E2	F	H3	H4	H5	J1	K
C0320	79.5	5.3	20	20	100	35	31	3	M8x1.25, 15 deep	35	28	15.5	27	M6x1.0, 16 deep
C0420	93	15	30	25	115	46	42	3	M10x1.5, 20 deep	35	45	11	28	M10x1.5, 22 deep
C0520	112	13	35	30	134	60	53	3	M10x1.5, 18 deep	45	55	12	34	M10x1.5, 22 deep
C0620 Std	139.5	17	45	35	160	63	55	3	M12x1.75, 20 deep	56	66	13	40	M12x1.75, 22 deep
C0620 HD	139.5	17	45	45	195	98	80	5	M12x1.75, 20 deep	56	66	13	40	M16x2.0, 36 deep

SIZE	M1	M2	N1	N2	N3	P1	P2	P3	S	T	V	V1	W	W1	X	Y	Y1
C0320	40	40	62	52	20.2	70	61	57	68	54	22.9	22.5	6	6	71	40	40
C0420	53	65	65	54	30.2	74.5	65.5	65	75	64	33.5	28	8	8	86	53	65
C0520	65	77	70	56	35.3	79	70	70	88	68	38.5	33	10	8	96	65	77
C0620 Std	76	96	90	70	45.3	101	90	90.5	103	90	49	38	14	10	120	76	96
C0620 HD	76	96	90	70	45.3	101	90	90.5	103	90	49	48.5	14	14	120	76	96

MOTORS		ALL SIZES					C0320		C0420		C0520		C0620	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	361	403	381	423	400	442	461	503
	71	210	137	107	167	105	390	431	410	451	429	470	486	527
	80	230	158	118	190	120	425	475	445	495	464	514	506	556
	90S/L	270	177	149	218	140	475	534	495	554	514	573	555	614
	100/112*	340	197	159	238	160	553	621	573	641	592	610	669	737
	132	402	253	184	288	200	-	-	-	-	-	-	733	804

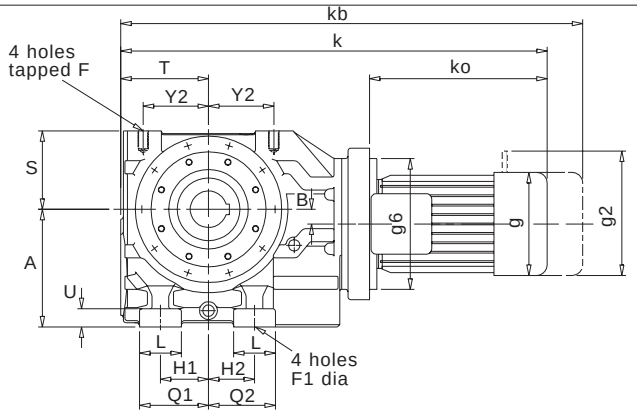
* 112 Motor not available on size C0320

DIMENSIONS DOUBLE REDUCTION

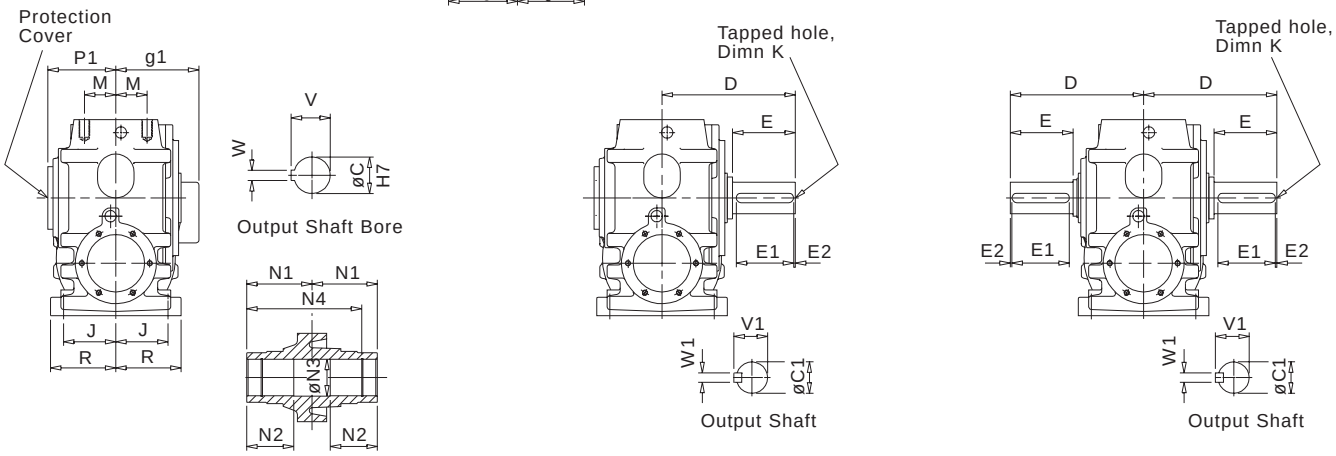
9702

C			2	0				B	M

STANDARD UNIT DOUBLE REDUCTION



(Sizes C07, C08, C09 & C10 have integral base mounted feet)



SIZE	A	B	C	C1	D	E	E1	E2	F	F1	H1	H2	J	K
C0720	180	26	60	45 k6	195	76	70	3	M20x2.5, 34 deep	18	75	60	75	M16x2, 36 deep
C0820	225	28	70	60 m6	255	120	110	3	M20x2.5, 34 deep	22	92	88	100	M20x2.5, 42 deep
C0920	280	40	90	70 m6	295	135	125	3	M24x3, 45 deep	26	115	120	125	M20x2.5, 42 deep
C1020	335	65	100	90 m6	366	170	160	3	M24x3, 45 deep	26	170	140	150	M24x3, 50 deep

SIZE	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	U	V	V1	W	W1	Y2
C0720	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	28	64.6	48.5	18	14	107.5
C0820	80	60	125	90	70.5	220	143	132	128	125	150	168	35	75.1	64	20	18	125
C0920	85	67.5	150	107.5	90.5	265	169	157.5	162.5	152.5	177	195	40	95.6	74.5	25	20	145
C1020	110	75	175	132.5	100.5	313	198	225	195	180	230	235	45	106.6	95	28	25	172.5

MOTORS		ALL SIZES				C0720			C0820			C0920			C1020		
		ko	g	g1	g2	g6	k	kb	g6	k	kb	g6	k	kb	g6	k	kb
MOTOR FRAME SIZE	80	230	158	118	190	120	617	667	200	700	750	200	783	833	-	-	-
	90S/L	270	177	149	218	140	667	726	200	740	799	200	823	882	-	-	-
	100/112	340	197	159	238	160	760	828	250	816	884	250	899	967	250	977	1045
	132	402	253	184	288	200	824	895	300	878	949	300	961	1032	300	1039	1110
	160/180	538	314	230	-	350	990	**	350	1044	**	350	1132	**	350	1210	**
	180L	613	354	257	-	-	-	-	-	-	-	350	1207	**	350	1285	**
	200	613	354	257	-	-	-	-	-	-	-	400	1207	**	400	1285	**
	225	690	411	280	-	-	-	-	-	-	-	450	1311	**	450	1389	**

kb - for brake motor
g2 - hand release if required

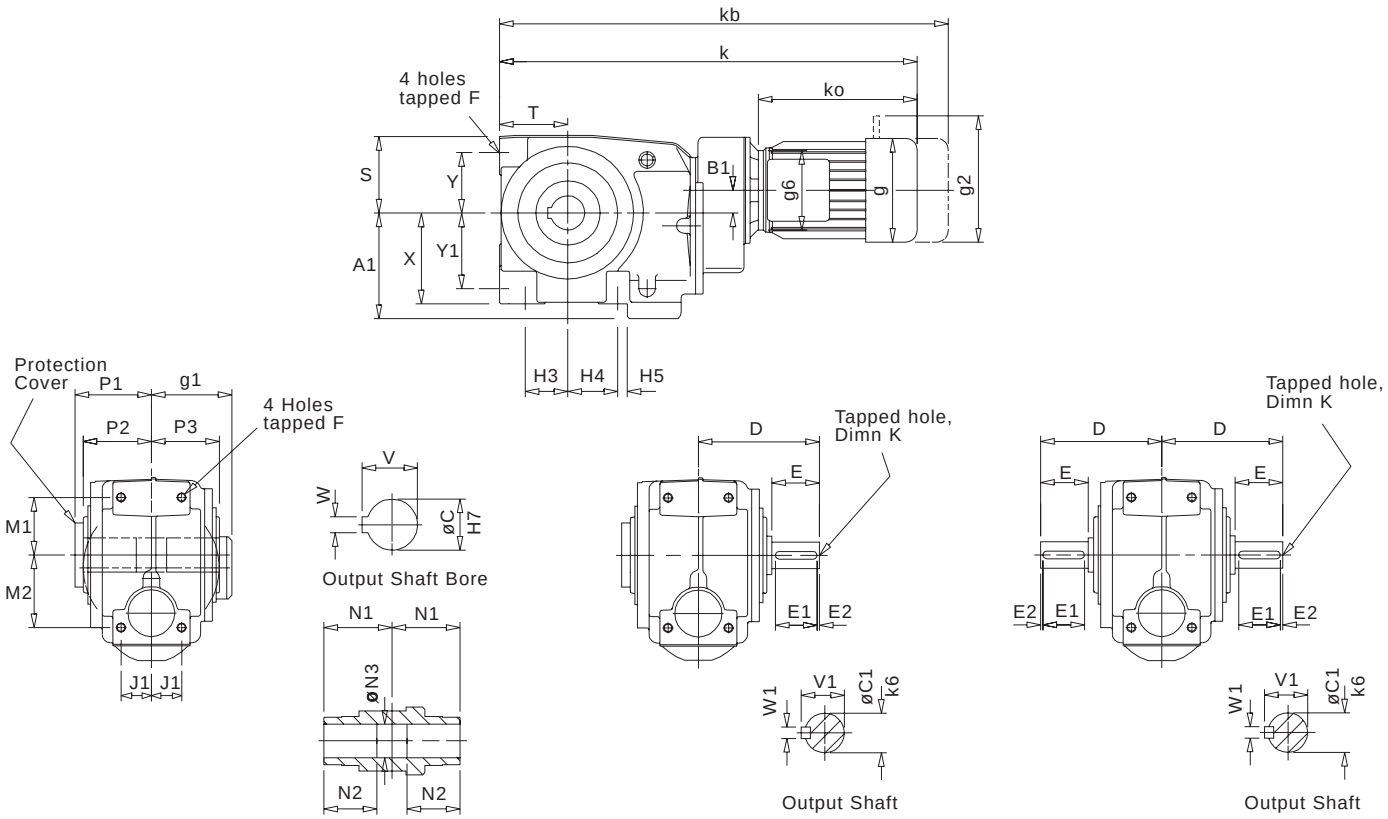
** Consult Textron Power Transmission

DIMENSIONS TRIPLE REDUCTION

9706

C	0		3	0				W	M

STANDARD UNIT TRIPLE REDUCTION



SIZE	A1	B1	C	C1	D	E	E1	E2	F	H3	H4	H5	J1	K
C0330	79.5	30.75	20	20	100	35	31	3	M8x1.25, 15 deep	35	28	15.5	27	M6x1.0, 16 deep
C0430	93	21.2	30	25	115	46	42	3	M10x1.5, 20 deep	35	45	11	28	M10x1.5, 22 deep
C0530	112	23	35	30	134	60	53	3	M10x1.5, 18 deep	45	55	12	34	M10x1.5, 22 deep
C0630 Std	139.5	30	45	35	160	63	55	3	M12x1.75, 20 deep	56	66	13	40	M12x1.75, 22 deep
C0630 HD	139.5	30	45	45	195	98	80	5	M12x1.75, 20 deep	56	66	13	40	M16x2.0, 36 deep

SIZE	M1	M2	N1	N2	N3	P1	P2	P3	S	T	V	V1	W	W1	X	Y	Y1
C0330	40	40	62	52	20.2	70	61	57	68	54	22.9	22.5	6	6	71	40	40
C0430	53	65	65	54	30.2	74.5	65.5	65	75	64	33.5	28	8	8	86	53	65
C0530	65	77	70	56	35.3	79	70	70	88	68	38.5	33	10	8	96	65	77
C0630 Std	76	96	90	70	45.3	101	90	90.5	103	90	49	38	14	10	120	76	96
C0630 HD	76	96	90	70	45.3	101	90	90.5	103	90	49	48.5	14	14	120	76	96

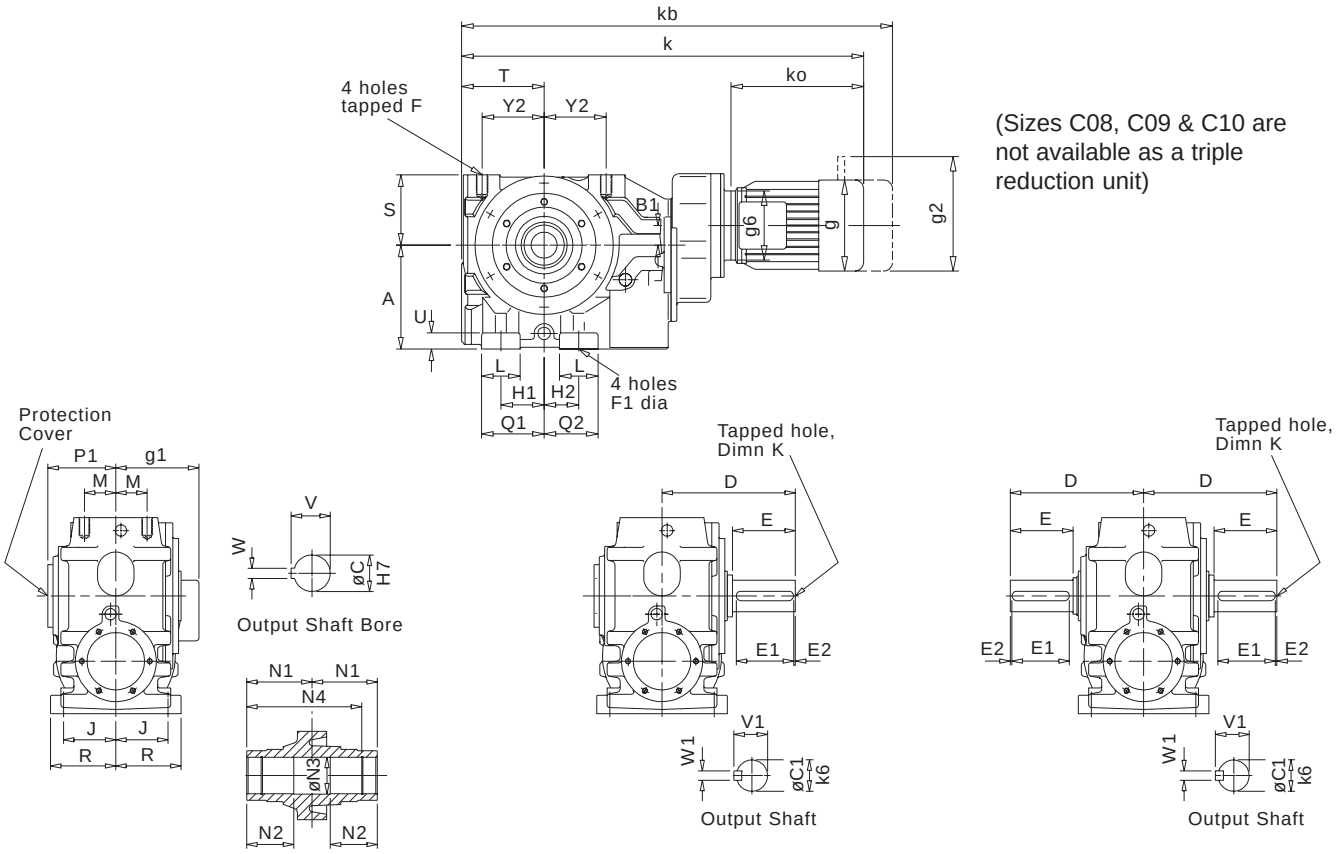
MOTORS		ALL SIZES					C0330		C0430		C0530		C0630	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	417	459	437	479	443	485	522	564
	71	210	137	107	167	105	446	487	466	507	485	526	551	592
	80	230	158	118	190	120	-	-	500	550	520	570	586	636
	90S/L	270	177	149	218	140	-	-	-	-	-	-	636	695
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DIMENSIONS TRIPLE REDUCTION

9701

C	0	7	3	0				B	M

STANDARD UNIT TRIPLE REDUCTION



(Sizes C08, C09 & C10 are not available as a triple reduction unit)

SIZE	A	B1	C	C1	D	E	E1	E2	F	F1	H1	H2	J	K
C0730	180	34	60	45	195	76	70	3	M20x2.5, 34 deep	18	75	60	75	M16x2, 36 deep

SIZE	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	U	V	V1	W	W1	Y2
C0730	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	28	64.6	48.5	18	14	107.5

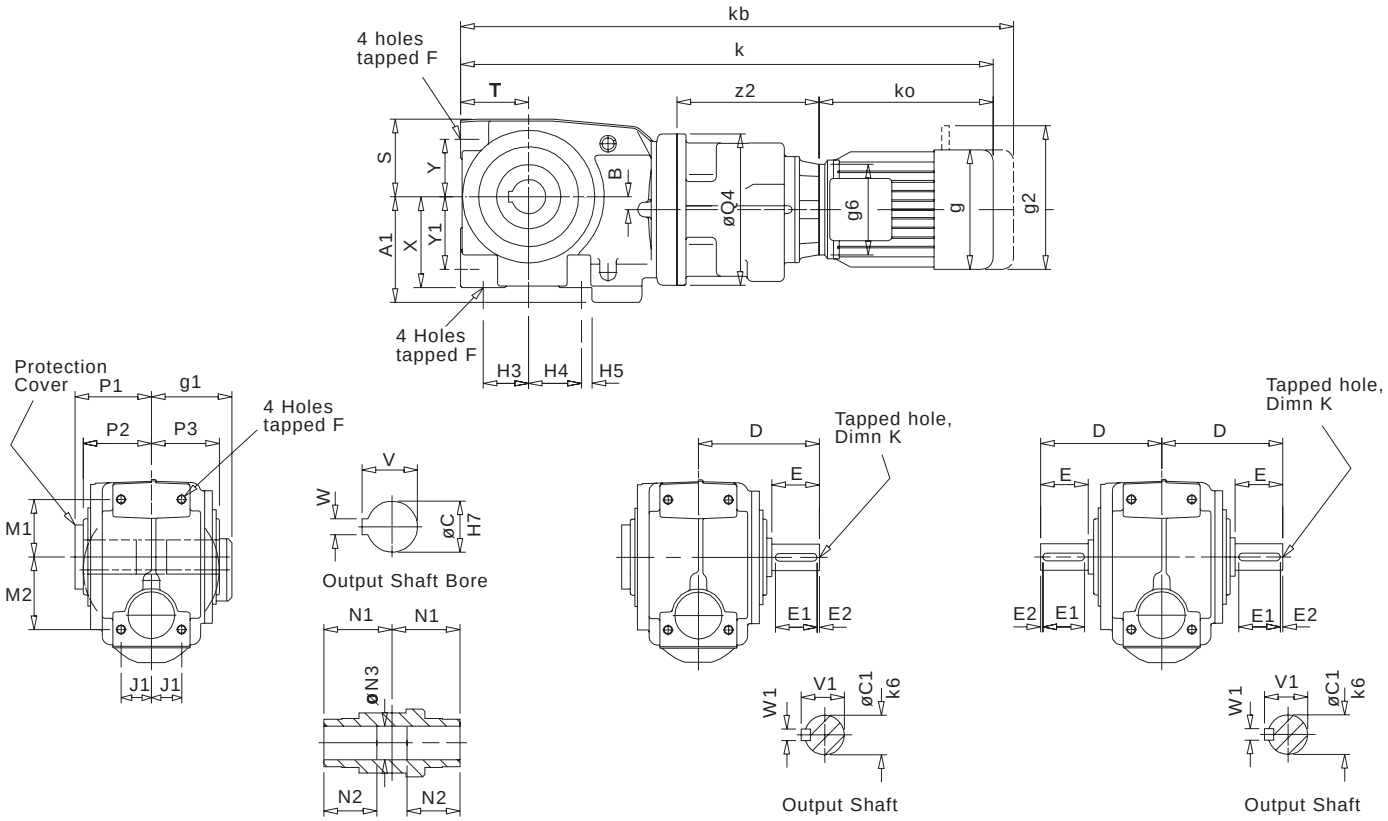
MOTORS		C0730						
		ko	g	g1	g2	g6	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	649	691
	71	210	137	107	167	105	677	718
	80	230	158	118	190	120	697	747
	90S/L	270	177	149	218	140	746	805
	100	340	197	159	238	160	860	928

DIMENSIONS QUADRUPLE REDUCTION

9701

C	0	6	4	0				W	M

STANDARD UNIT QUADRUPLE REDUCTION



SIZE	A1	B	C	C1	D	E	E1	E2	F	H3	H4	H5	J1	K
C0640 Std	139.5	17	45	35	160	63	55	3	M12x1.75, 20 deep	56	66	13	40	M12x1.75, 22 deep
C0640 HD	139.5	17	45	45	195	98	80	5	M12x1.75, 20 deep	56	66	13	40	M16x2.0, 36 deep

SIZE	M1	M2	N1	N2	N3	P1	P2	P3	Q4	S	T	V	V1	W	W1	X	Y	Y1
C0640 Std	76	96	90	70	45.3	101	90	90.5	200	103	90	49	38	14	10	120	76	96
C0640 HD	76	96	90	70	45.3	101	90	90.5	200	103	90	49	48.5	14	14	120	76	96

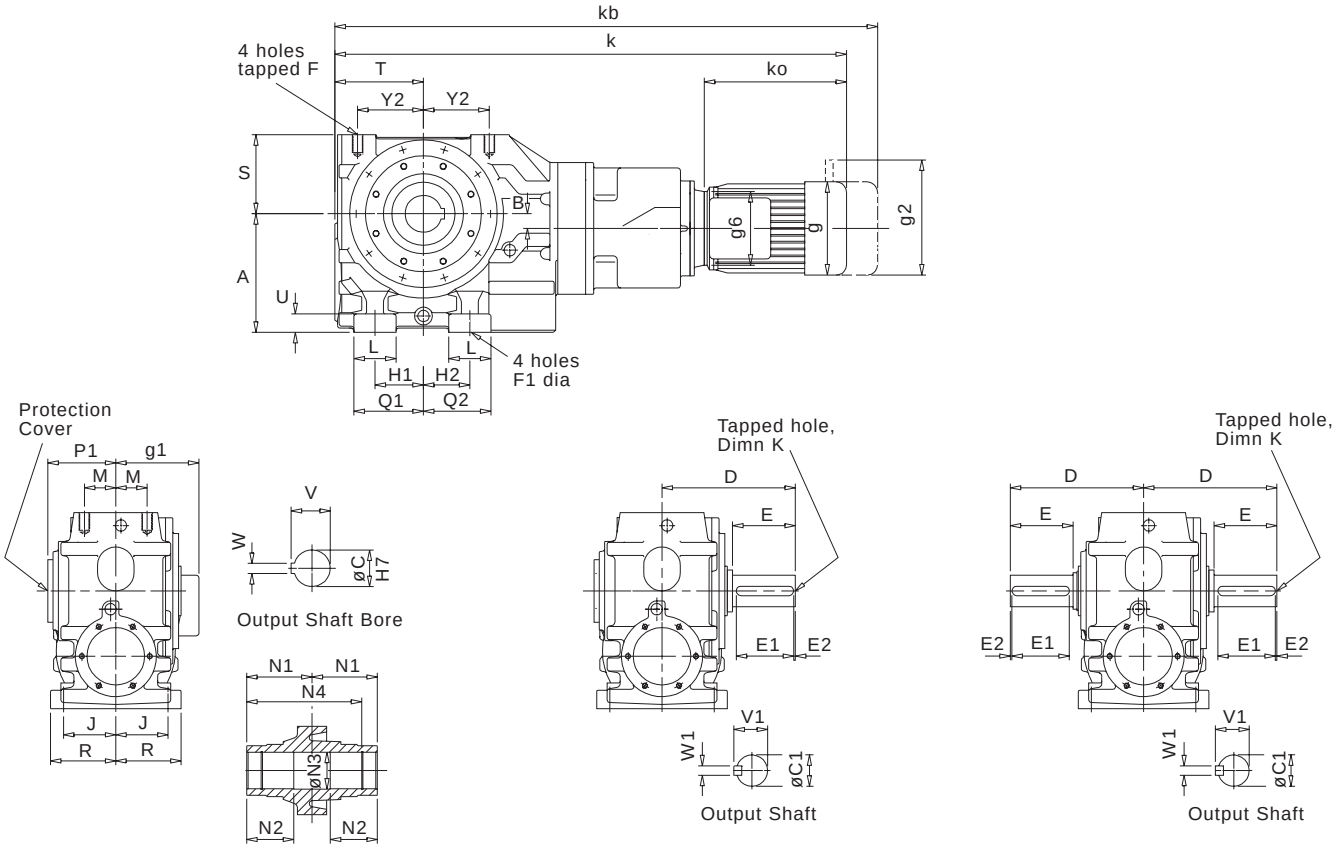
MOTORS		C0640							
		k	ko	kb	g	g1	g2	g6	z2
MOTOR FRAME SIZE	63	640	185	682	122	101	160	140	169
	71	669	210	710	137	107	167	105	173
	80	704	230	754	158	118	190	120	188
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

DIMENSIONS QUADRUPLE REDUCTION

9701

C			4	0				B	M

STANDARD UNIT QUADRUPLE REDUCTION



SIZE	A	B	C	C1	D	E	E1	E2	F	F1	H1	H2	J	K
C0740	180	26	60	45 k6	195	76	70	3	M20x2.5, 34 deep	18	75	60	75	M16x2, 36 deep
C0840	225	28	70	60 m6	255	120	110	3	M20x2.5, 34 deep	22	92	88	100	M20x2.5, 42 deep
C0940	280	40	90	70 m6	295	135	125	3	M24x3, 45 deep	26	115	120	125	M20x2.5, 42 deep
C1040	335	65	100	90 m6	366	170	160	3	M24x3, 45 deep	26	170	140	150	M24x3, 50 deep

SIZE	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	U	V	V1	W	W1	Y2
C0740	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	28	64.6	48.5	18	14	107.5
C0840	80	60	125	90	70.5	220	143	132	128	125	150	168	35	75.1	64	20	18	125
C0940	85	67.5	150	107.5	90.5	265	169	157.5	162.5	152.5	177	195	40	95.6	74.5	25	20	145
C1040	110	75	175	132.5	100.5	313	198	225	195	180	230	235	45	106.6	95	28	25	172.5

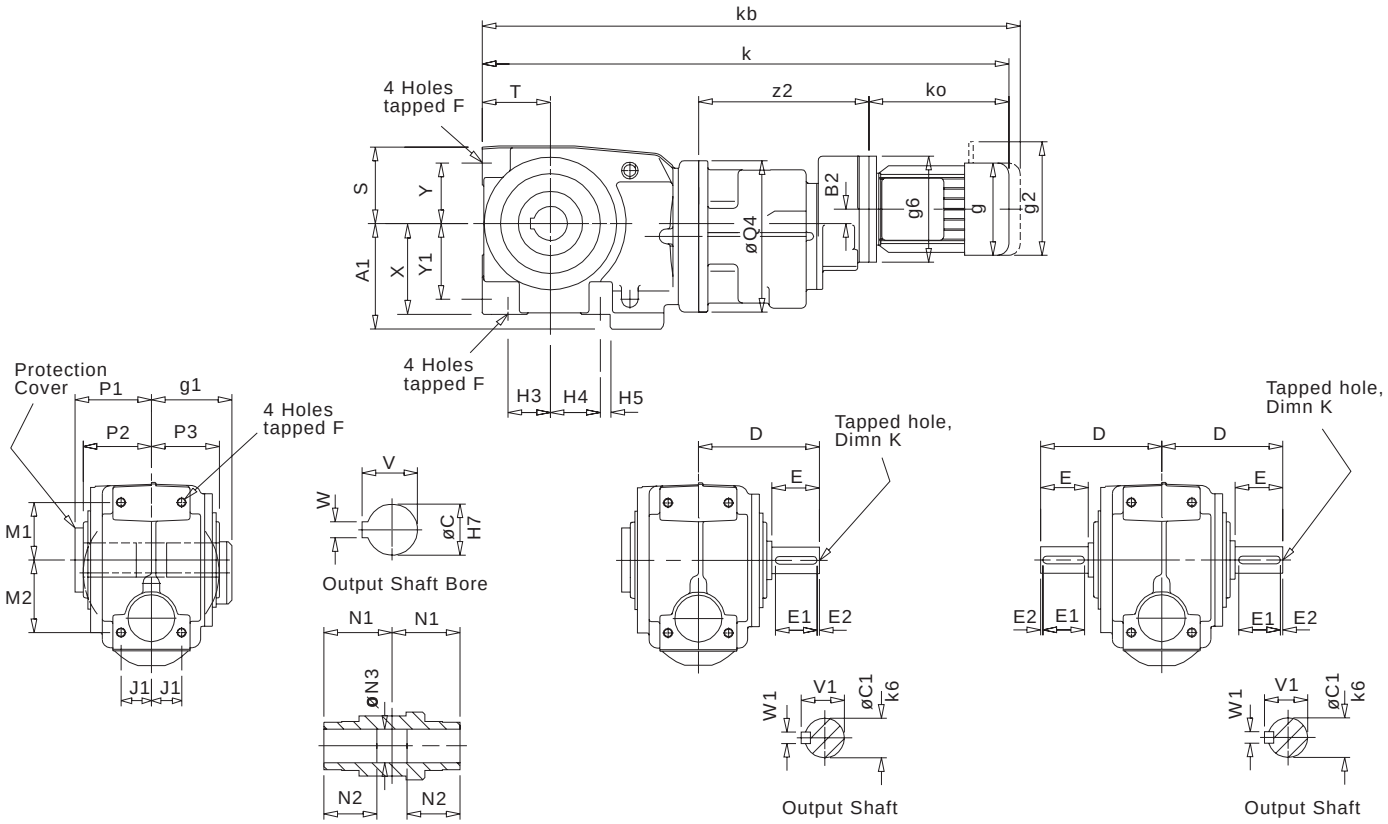
MOTORS		ALL SIZES					C0740		C0840		C0940		C1040	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	751	793	871	913	954	996	-	-
	71	210	137	107	167	105	780	821	902	943	985	1026	-	-
	80	230	158	118	190	120	-	-	922	972	1005	1055	1136	1186
	90S/L	270	177	149	218	140	-	-	971	1030	1054	1113	1186	1245
	100/112	340	197	159	238	160	-	-	-	-	1168	1236	1279	1347
	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DIMENSIONS QUINTUPLE REDUCTION

9701

C	0	6	5	0				W	M

STANDARD UNIT QUINTUPLE REDUCTION



SIZE	A1	B2	C	C1	D	E	E1	E2	F	H3	H4	H5	J1	K
C0650 Std	139.5	19	45	35	160	63	55	3	M12x1.75, 20 deep	56	66	13	40	M12x1.75, 22 deep
C0650 HD	139.5	19	45	45	195	98	80	5	M12x1.75, 20 deep	56	66	13	40	M16x2.0, 36 deep

SIZE	M1	M2	N1	N2	N3	P1	P2	P3	Q4	S	T	V	V1	W	W1	X	Y	Y1
C0650 Std	76	96	90	70	45.3	101	90	90.5	200	103	90	49	38	14	10	120	76	96
C0650 HD	76	96	90	70	45.3	101	90	90.5	200	103	90	49	48.5	14	14	120	76	96

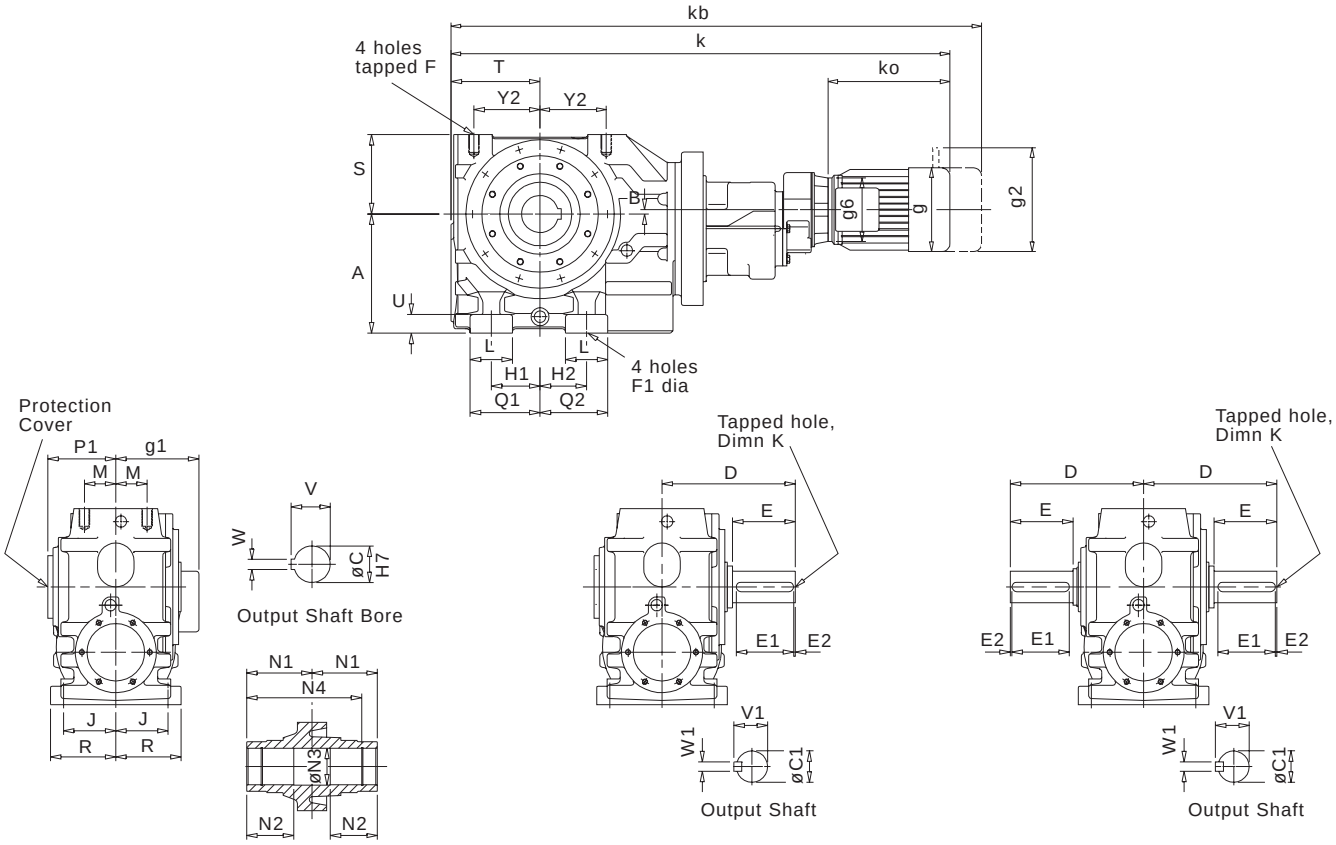
MOTORS		C0650							
		k	ko	kb	g	g1	g2	g6	z2
MOTOR FRAME SIZE	63	696	185	738	122	101	160	140	225
	71	725	210	766	137	107	167	105	229
	80	760	230	810	158	118	190	120	244
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

DIMENSIONS QUINTUPLE REDUCTION

9701

C			5	0				B	M

STANDARD UNIT QUINTUPLE REDUCTION



SIZE	A	† B	C	C1	D	E	E1	E2	F	F1	H1	H2	J	K
C0750	180	10	60	45 k6	195	76	70	3	M20x2.5, 34 deep	18	75	60	75	M16x2, 36 deep
C0850	225	8	70	60 m6	255	120	110	3	M20x2.5, 34 deep	22	92	88	100	M20x2.5, 42 deep
C0950	280	7	90	70 m6	295	135	125	3	M24x3, 45 deep	26	115	120	125	M20x2.5, 42 deep
C1050	335	18	100	90 m6	366	170	160	3	M24x3, 45 deep	26	170	140	150	M24x3, 50 deep

SIZE	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	U	V	V1	W	W1	Y2
C0750	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	28	64.6	48.5	18	14	107.5
C0850	80	60	125	90	70.5	220	143	132	128	125	150	168	35	75.1	64	20	18	125
C0950	85	67.5	150	107.5	90.5	265	169	157.5	162.5	152.5	177	195	40	95.6	74.5	25	20	145
C1050	110	75	175	132.5	100.5	313	198	225	195	180	230	235	45	106.6	95	28	25	172.5

MOTORS		ALL SIZES					C0750		C0850		C0950		C1050	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	807	849	880	922	1021	1063	1099	1141
	71	210	137	107	167	105	836	877	909	950	1050	1091	1128	1169
	80	230	158	118	190	120	871	921	944	994	1085	1135	1163	1213
	90S/L	270	177	149	218	140	-	-	-	-	1135	1194	1213	1272
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-

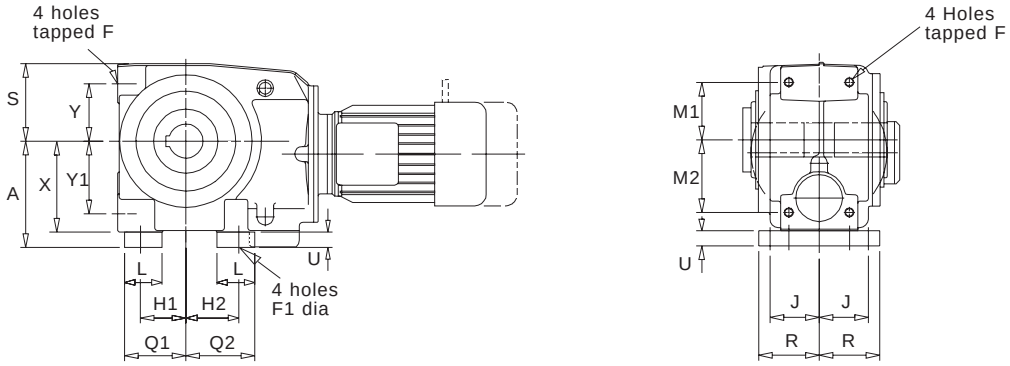
† B C07, C08 & C09 ABOVE CENTRELINE
C10 BELOW CENTRELINE

DIMENSIONS - FEET

9701

C	0			0				B	M

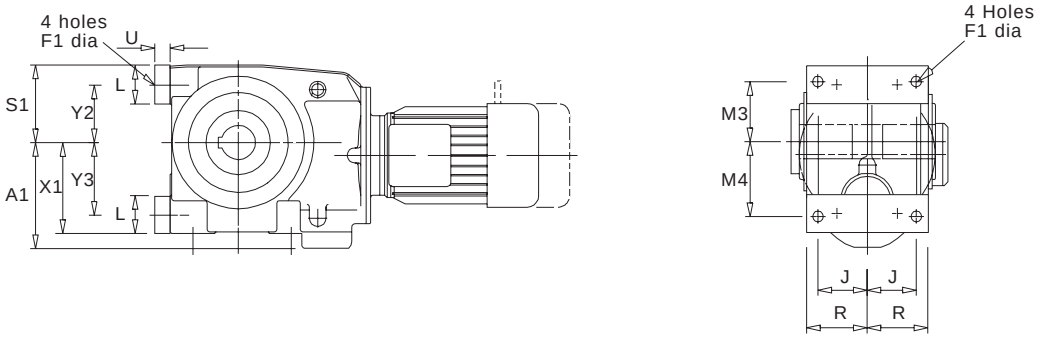
STANDARD UNIT WITH BASE MOUNTED FEET



SIZE	A	F	F1	H1	H2	J	L	M1	M2	Q1	Q2	R	S	U	X	Y	Y1
C03	80	M8 x 1.25, 15 Deep	9	35	28	45	25	40	40	47	41	55	68	9	71	40	40
C04	100	M10 x 1.5, 20 Deep	11	35	45	50	35	53	65	53	62	62	75	14	86	53	65
C05	112	M10 x 1.5, 18 Deep	11	45	55	55	40	65	77	65	75	68	88	16	96	65	77
C06 Std	140	M12 x 1.75, 20 Deep	14	60	70	65	50	76	96	81	91	80	103	20	120	76	96
C06 HD	140	M12 x 1.75, 20 Deep	14	60	70	65	50	76	96	81	91	80	103	20	120	76	96

C	0			0				E	M

STANDARD UNIT WITH END MOUNTED FEET



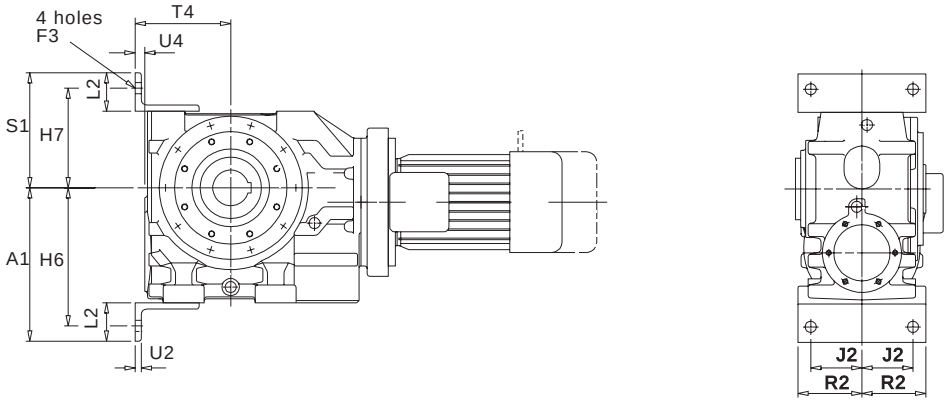
SIZE	A1	F1	J	L	M3	M4	R	S1	U	X1	Y2	Y3
C03	79.5	9	45	25	40	40	55	52.5	9	52.5	40	40
C04	93	11	50	35	53	65	62	70.5	14	82.5	53	65
C05	112	11	55	40	65	77	68	85	16	97	65	77
C06 Std	139.5	14	65	50	80	100	80	101	20	121	80	100
C06 HD	139.5	14	65	50	80	100	80	101	20	121	80	100

DIMENSIONS - FEET

9701

C				0				E	M

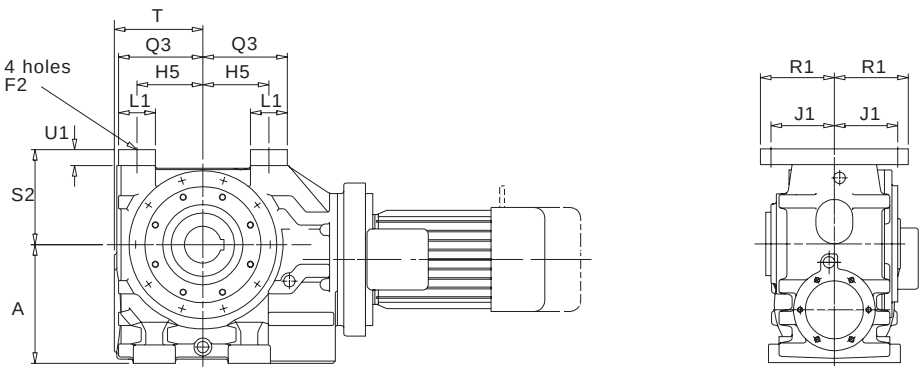
STANDARD UNIT WITH END MOUNTED FEET



SIZE	A1	F3	H6	H7	J2	L2	R2	S1	T4	U2	U4
C07	255	22	225	167	85	75	110	197	162	12	19
C08	300	22	270	195	100	75	125	225	187	12	19
C09	370	26	330	227	125	90	152.5	267	220	15	25
C10	425	26	385	280	150	90	180	320	260	15	25

C				0				R	M

STANDARD UNIT WITH TOP MOUNTED FEET



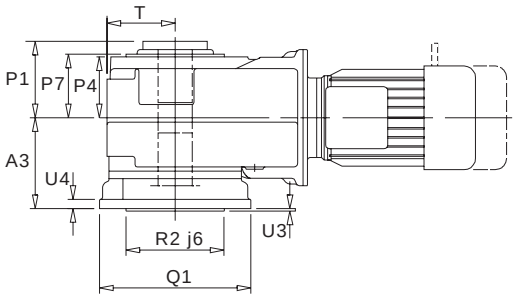
SIZE	A	F2	H5	J1	L1	Q3	R1	S2	T	U1
C07	180	24	107.5	102.5	63	139	128	150	143	28
C08	225	24	125	112.5	70	160	140	180	168	30
C09	280	28	145	120	80	185	150	212	195	35
C10	335	28	172.5	132.5	100	222.5	165	265	235	35

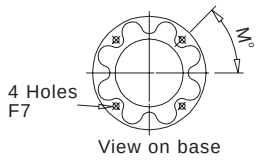
DIMENSIONS - OUTPUT FLANGE

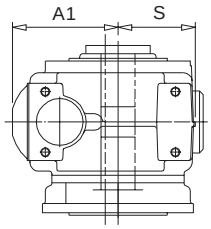
9701

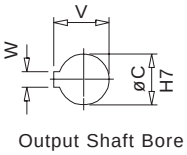
C	0			0				F / G	M

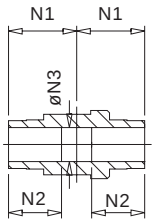
— STANDARD UNIT WITH OUTPUT FLANGE
— OUTPUT FLANGE REDUCED DIA (SIZE C03 ONLY)

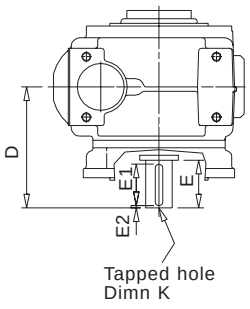


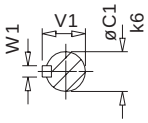


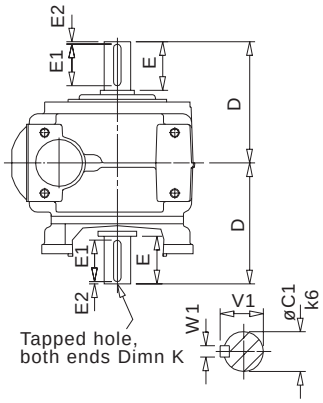












SIZE	A1	A3	C	C1	D	E	E1	E2	F7	K	M	N1	N2
C03	79.5	75	20	20	100	35	31	3	ø9 on 130 pcd	M6x1.0, 16 deep	45	62	52
C03 Red Dia	79.5	75	20	20	100	35	31	3	ø6.6 on 100 pcd	M6x1.0, 16 deep	45	62	52
C04	93	86	30	25	115	46	42	3	ø9 on 130 pcd	M10x1.5, 22 deep	45	65	54
C05	112	107	35	30	134	60	53	3	ø11 on 165 pcd	M10x1.5, 22 deep	45	70	56
C06 Std	139.5	120	45	35	160	63	55	3	ø11 on 165 pcd	M12x1.75, 22 deep	45	90	70
C06 HD	139.5	120	45	45	195	98	80	5	ø11 on 165 pcd	M16x2.0, 36 deep	45	90	70

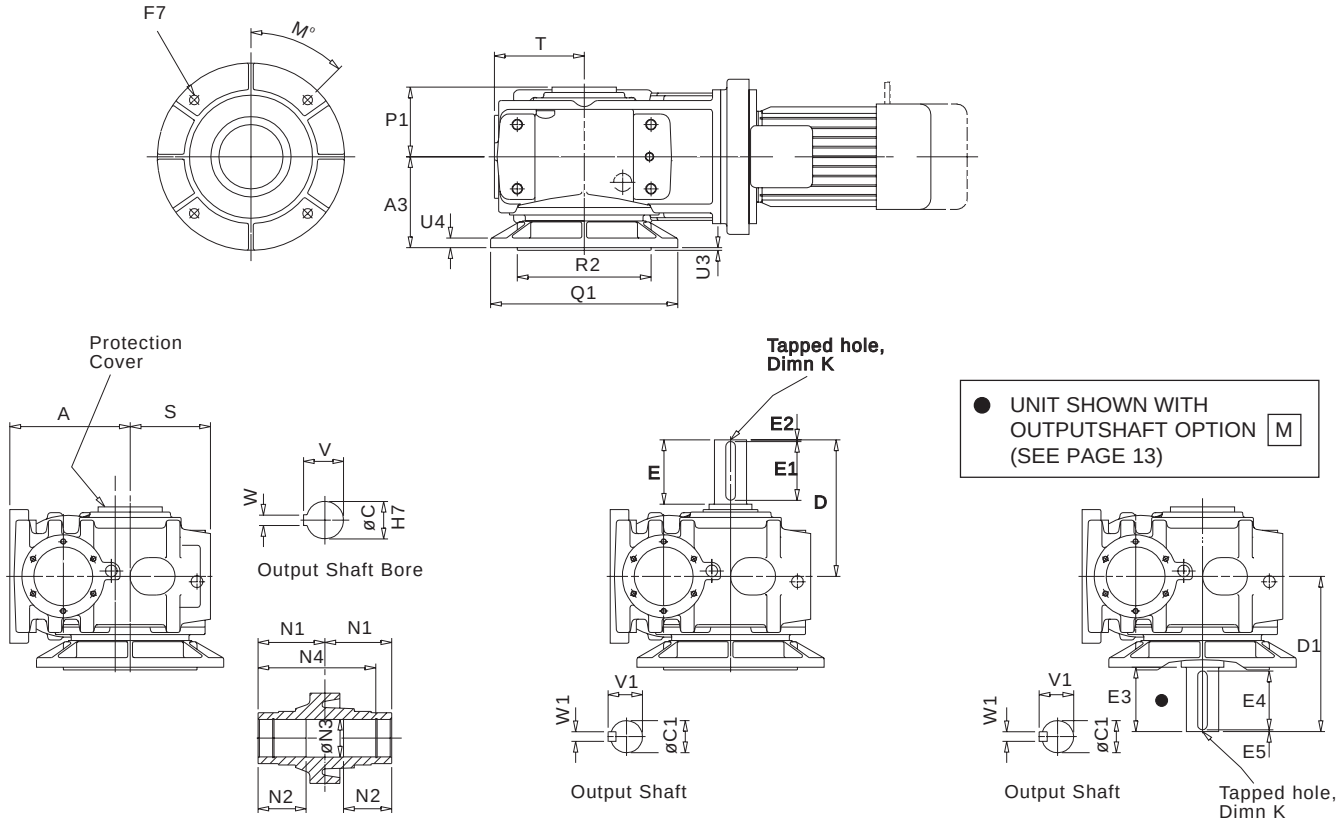
SIZE	N3	P1	P4	P7	Q1	R2	S	T	U3	U4	V	V1	W	W1
C03	20.2	70	61	62	160	110	68	54	4	10	22.9	22.5	6	6
C03 Red Dia	20.2	70	61	62	120	80	68	54	3	8	22.9	22.5	6	6
C04	30.2	74.5	62.5	65.5	160	110	75	64	3.5	10	33.5	28	8	8
C05	35.3	79	62.5	66	200	130	88	68	3.5	12	38.5	33	10	8
C06 Std	45.3	101	80.5	86.5	200	130	103	90	3.5	12	49	38	14	10
C06 HD	45.3	101	80.5	86.5	200	130	103	90	3.5	12	49	48.5	14	14

DIMENSIONS - OUTPUT FLANGE

9809

C				0				F	M

STANDARD UNIT WITH OUTPUT FLANGE



SIZE	A	A3	C	C1	D	D1	E	E1	E2	E3	E4	E5	F7	K
C07	180	145	60	45 k6	195	235	76	70	3	90	84	3	4 x ø14 on 215 pcd	M16x2, 36 deep
C08	225	170	70	60 m6	255	290	120	110	3	120	110	3	4 x ø18 on 300 pcd	M20x2.5, 42 deep
C09	280	200	90	70 m6	295	340	135	125	3	140	125	3	8 x ø18 on 400 pcd	M20x2.5, 42 deep
C10	335	232	100	90 m6	366	402	170	160	3	170	160	3	8 x ø18 on 400 pcd	M24x3, 50 deep

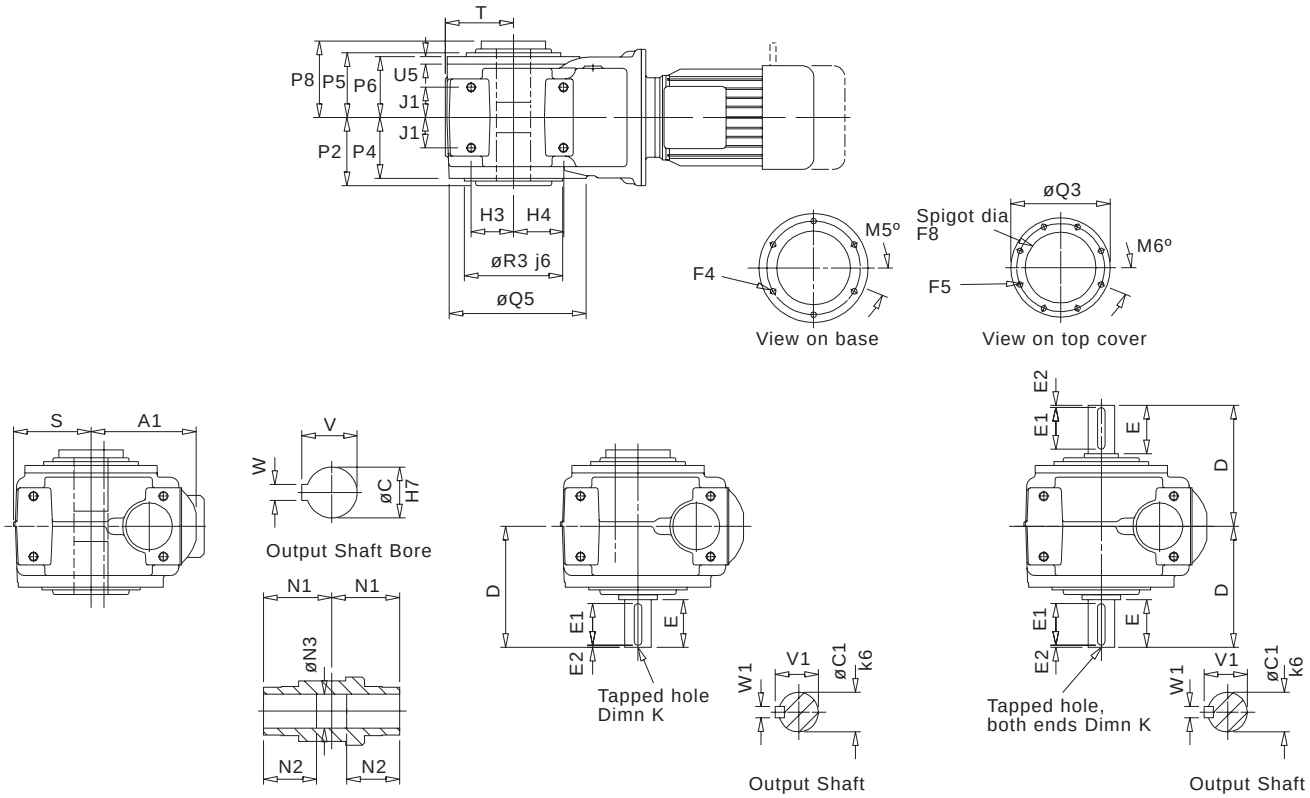
SIZE	M	N1	N2	N3	N4	P1	Q1	R2	S	T	U3	U4	V	V1	W	W1
C07	45	109	79	60.5	188	124.5	250	180 j6	122	143	4	12	64.6	48.5	18	14
C08	45	125	90	70.5	220	143	350	250 h6	150	168	5	18	75.1	64	20	18
C09	22.5	150	107.5	90.5	265	169	450	350 h6	177	195	5	20	95.6	74.5	25	20
C10	22.5	175	132.5	100.5	313	198	450	350 h6	230	235	5	22	106.6	95	28	25

DIMENSIONS - C FACE MOUNTING

9701

C	0			0				W	M

STANDARD UNIT WITH C FACE MOUNTING



SIZE	A1	C	C1	D	E	E1	E2	F4	F5	F8 Spigot ø	H3	H4
C03	79.5	20	20	100	35	31	3	4 holes tapped M8x1.25 12 deep on 75 pcd	4 holes through 8 thick cover tapped M8x1.25, 14 deep into case, 90 pcd	69.990 / 69.969	35	28
C04	93	30	25	115	46	42	3	4 holes tapped M8x1.25 14 deep on 115 pcd	8 holes through 8 thick cover tapped M8x1.25, 14 deep into case, 107 pcd	84.990 / 84.968	35	45
C05	112	35	30	134	60	53	3	6 holes tapped M8x1.25 12 deep on 130 pcd	8 holes through 8 thick cover tapped M8x1.25, 14 deep into case, 130 pcd	104.990 / 104.968	45	55
C06 Std	139.5	45	35	160	63	55	3	6 holes tapped M10x1.5 17 deep on 165 pcd	8 holes through 10 thick cover tapped M10x1.5, 17 deep into case, 155 pcd	124.990 / 124.965	56	66
C06 HD	139.5	45	45	195	98	80	5	6 holes tapped M10x1.5 17 deep on 165 pcd	8 holes through 10 thick cover tapped M10x1.5, 17 deep into case, 155 pcd	124.990 / 124.965	56	66

SIZE	J1	K	M5	M6	N1	N2	N3	P2	P4	P5	P6	P8	Q3	Q5	R3	S	T	U5	V	V1	W	W1
C03	27	M6x1.0 16 deep	90	45	62	52	20.2	61	61	61	57	70	106	92	*	68	54	8	22.9	22.5	6	6
C04	28	M10x1.5 22 deep	45	22.5	65	54	30.2	65.5	62.5	61	57	72	122	135	95	75	64	8	33.5	28	8	8
C05	34	M10x1.5 22 deep	30	22.5	70	56	35.3	70	62.5	66	62	79	146	152	110	88	68	8	38.5	33	10	8
C06 Std	40	M12x1.75 22 deep	30	22.5	90	70	45.3	90	80.5	85.5	80.5	101	175	192	130	103	90	10	49	38	14	10
C06 HD	40	M16x2.0 36 deep	30	22.5	90	70	45.3	90	80.5	85.5	80.5	101	175	192	130	103	90	10	49	48.5	14	14

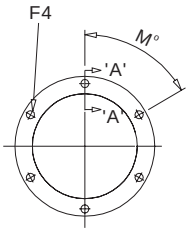
* Size C0320 does not have a spigot, therefore no R3 dimension required

DIMENSIONS - C FACE MOUNTING

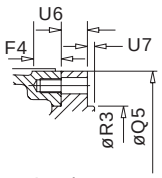
9701

C				0				L	M

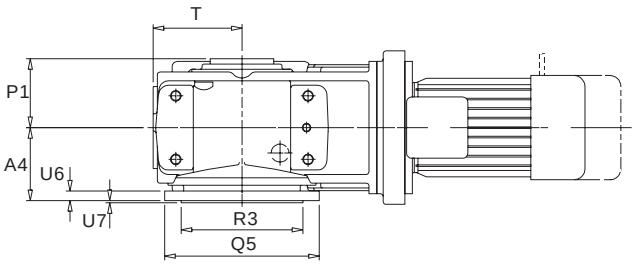
STANDARD UNIT WITH C FACE MOUNTING

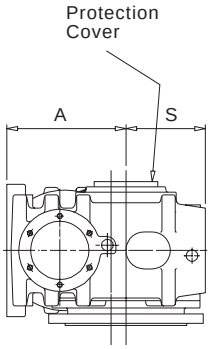


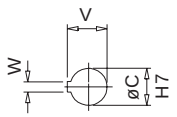
View on base



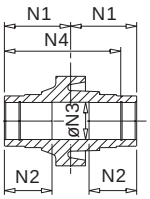
Section 'A - A'
(Size C07 Only)

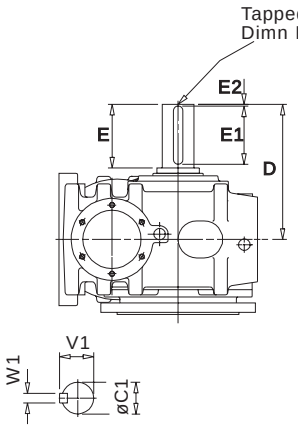




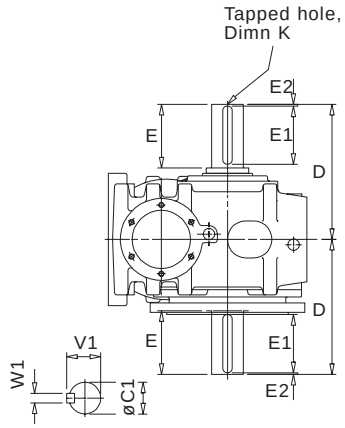


Output Shaft Bore





Output Shaft



Output Shaft

SIZE	A	A4	C	C1	D	E	E1	E2	F4	K
C07	180	93.5	60	45 k6	195	76	70	3	●6 holes tapped M12x1.75 18 deep on 215 pcd	M16x2, 36 deep
C08	225	138	70	60 m6	255	120	110	3	8 holes tapped M12x1.75 through flange on 265 pcd	M20x2.5, 42 deep
C09	280	168	90	70 m6	295	135	125	3	8 holes tapped M16x2 through flange on 350 pcd	M20x2.5, 42 deep
C10	335	190	100	90 m6	366	170	160	3	8 holes tapped M16x2 through flange on 400 pcd	M24x3, 50 deep

SIZE	M	N1	N2	N3	N4	P1	Q5	R3	S	T	U6	U7	V	V1	W	W1
C07	60	109	79	60.5	188	124.5	240	180 j6	122	143	18.5	10	64.6	48.5	18	14
C08	60	125	90	70.5	220	143	292	230 j6	150	168	18	4	75.1	64	20	18
C09	45	150	107.5	90.5	265	169	384	300 h6	177	195	24	4	95.6	74.5	25	20
C10	45	175	132.5	100.5	313	198	440	350 h6	230	235	23.5	6	106.6	95	28	25

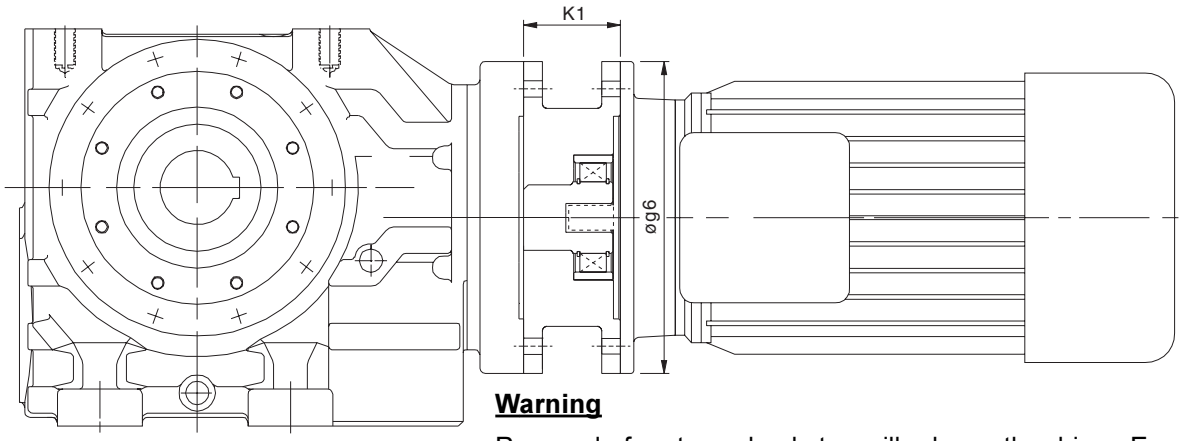
● For size C07 only refer to Section A - A

MOTORISED BACKSTOP MODULE

0203

Motorised backstop modules can be fitted between the gear unit and motor. The backstop device incorporates high quality centrifugal lift off sprags which are wear free above the lift off speed (n min).
To ensure correct operation motor speed must exceed lift off speed.

Suitable for ambient temperature -40°C to + 50°C



Warning

Removal of motor or backstop will release the drive. Ensure all driven machinery is secure prior to any maintenance work

IEC B5 FLANGE

Motor Frame Size	Lift off Speed ('n' min) (rev/min)	Rated Locking Torque ('T max') (at motor) (Nm)	øg6	K1
100	670	170	250	70
112	670	170	250	70
132	620	940	300	95
160	620	940	350	130
180	620	940	350	130
200	550	1260	400	130

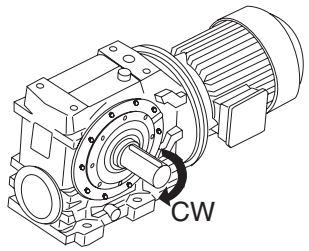
NEMA C FLANGE

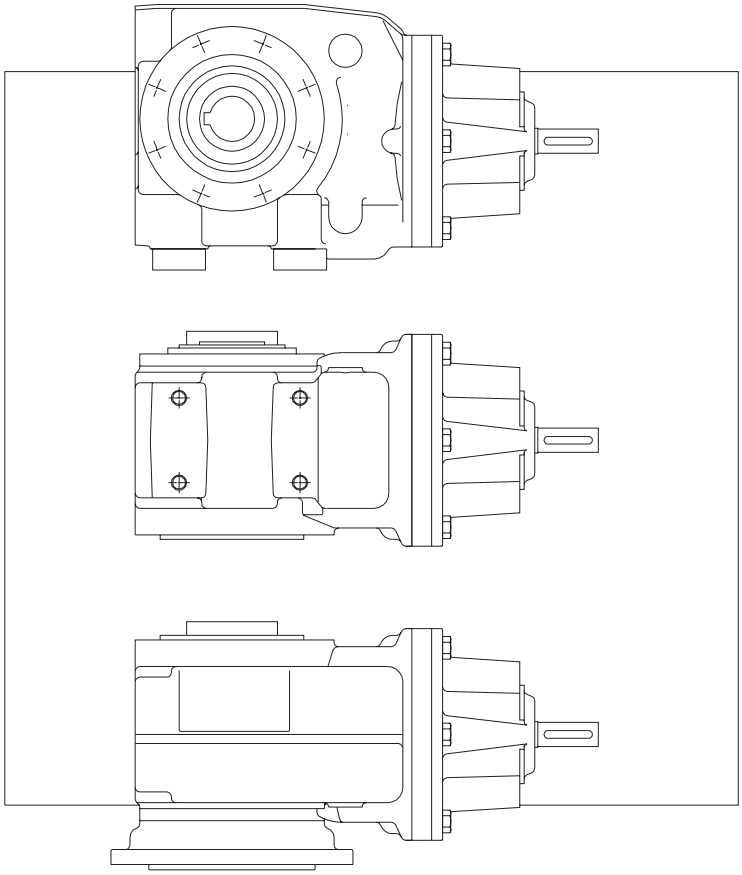
Motor Frame Size	Lift off Speed ('n' min) (rev/min)	Rated Locking Torque ('T max') (at motor) (Nm)	øg6	K1
182TC / 184TC	670	300	228	95.25
213TC / 215 TC	670	300	228	95.25
254TC / 256TC	620	940	228	120.65
284TC / 286TC	620	940	280	136.50
324TC / 326TC	550	1260	330	152.4

When a backstop module is fitted dimension K1 should be added to the overall length of the geared motor assembly.

Rotation of outputshaft must be specified when ordering as viewed from the outputshaft end (as shown in the diagram)

CW	-	Free Rotation	-	Clockwise
		Locked	-	Anticlockwise
AC	-	Free Rotation	-	Anticlockwise
		Locked	-	Clockwise





REDUCER

SERIES C

TEXTRON POWER TRANSMISSION

OVERHUNG & AXIAL LOADS (NEWTONS) ON SHAFTS

9505

Maximum permissible overhung loads

When a sprocket, gear etc. is mounted on the shaft a calculation, as below, must be made to determine the overhung load on the shaft, and the results compared to the maximum permissible overhung loads tabulated. Overhung loads can be reduced by increasing the diameter of the sprocket, gear, etc. If the maximum permissible overhung load is exceeded, the sprocket, gear, etc. should be mounted on a separate shaft, flexibly coupled and supported in its own bearings, or the gear unit shaft should be extended to run in an outboard bearing. Alternatively, a larger gear is often a less expensive solution.

Permissible overhung loads vary according to the direction of rotation. The values tabulated are for the most unfavourable direction with the unit transmitting full rated power and the load P applied midway along the shaft extension. Hence they can sometimes be increased for a more favourable direction of rotation, or if the power transmitted is less than the rated capacity of the gear unit, or if the load is applied nearer to the gear unit case. Refer to Textron Power Transmission for further details. In any event, the sprocket, gear etc. should be positioned as close as possible to the gear unit case in order to reduce bearing loads and shaft stresses, and to prolong life.

All units will accept 100% momentary overload on stated capacities.

Overhung load (Newtons)

$$P = \frac{kW \times 9{,}500{,}000 \times K}{N \times R}$$

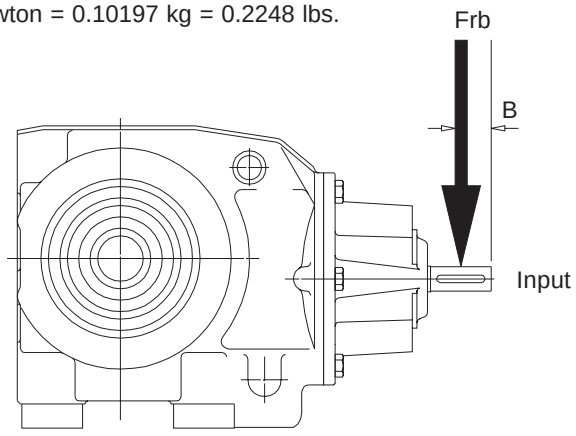
where

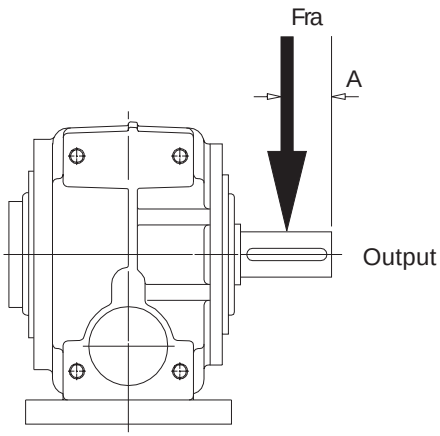
P = equivalent overhung load (Newtons)
kW = power transmitted by the shaft (kilowatts)
N = speed of shaft (rpm)
R = pitch radius of sprocket, etc. (mm)
K = factor

Note: 1 Newton = 0.10197 kg = 0.2248 lbs.

Overhung member	K (factor)
Chain sprocket*	1.00
Spur or helical pinion	1.25
Vee belt sheave	1.50
Flat belt pulley	2.00

* If multistrand chain drives are equally loaded and the outer stand is further than dimension A output or B input, refer to Textron Power Transmission.





Distance midway along the shaft extension

Size of unit	No. of Reductions	Dimension A (mm)	Dimension B (mm)
C03	2 - 3	17.5	20
C04	2 - 3	23	20
C05	2 - 3	30	20
C06 (Standard)	2 - 5	31.5	20
C06 (Heavy Duty)	2 - 5	40	20
C07	2	38	25
C07	3 - 5	38	20
C08	2	60	30
C08	4 - 5	60	20
C09	2	67.5	40
C09	4 - 5	67.5	20
C10	2	85	55
C10	4	85	25
C10	5	85	20

Axial Thrust Capacities (Newtons)

Permissible axial thrust capacities vary according to the direction of rotation and the direction of thrust, towards or away from the unit. The values tabulated are for the most unfavourable direction and hence can sometimes be increased. Similarly they can sometimes be increased if the power transmitted is less than the rated capacity of the gear unit.

Thrust capacities tabulated refer to outputshafts, and are calculated without any overhung loads being applied. In cases where combined axial thrusts and overhung loads are to be applied, refer to Textron Power Transmission.

REDUCER OVERHUNG LOADS (Fra) & AXIAL THRUST CAPACITIES ON OUTPUTSHAFT

		Final Reduction Worm Ratio	OUTPUT SPEED REV/MIN								
			180	125	80	50	32	25	10	5	1 & Under
C0320 - C0330	OHL (Fra)		2820	2810	2800	2800	2790	2780	2780	2780	2780
	THRUST	10 : 1	4370	3560	2850	2400	2180	1970	1800	1690	1620
		20 : 1	4760	4760	4550	4200	3990	3750	3600	3540	3500
C0420 - C0430	OHL (Fra)		5280	5270	5270	5260	5260	5260	5260	5250	5240
	THRUST	10 : 1	6980	5680	4560	3830	3490	3150	2870	2700	2590
		20 : 1	7590	7590	7260	6700	6360	5970	5750	5640	2580
C0520 - C0530	OHL (Fra)		7440	7440	7440	7420	7420	7420	7410	7410	7410
	THRUST	10 : 1	6600	5380	4310	3620	3300	2980	2720	2560	2450
		20 : 1	7100	7100	6790	6260	5950	5590	5380	5270	5220
C0620 - C0630 (Std.)	OHL (Fra)		11700	11700	11600	11500	11500	11500	11500	11500	11500
	THRUST	10 : 1	11260	9170	7360	6180	5630	5090	4630	4360	4180
		20 : 1	12000	12000	11470	10590	10060	9440	9090	8910	8820
C0620 - C0630 (H. D.)	OHL (Fra)		9460	9410	9370	9320	9280	9190	9140	9110	9110
	THRUST	10 : 1	11260	9170	7360	6180	5630	5090	4630	4360	4180
		20 : 1	12000	12000	11470	10590	10060	9440	9090	8910	8820
C0720 - C0730	OHL (Fra)		20700	22700	24800	26900	26900	26900	26900	26900	26900
	THRUST	10 : 1	12400	10000	8100	6800	6200	5600	5100	4800	4600
		20 : 1	13600	13600	13000	12000	11400	10700	10300	10100	10000
C0820	OHL (Fra)		24000	26400	28400	32600	36400	41100	41700	41700	41700
	THRUST	10 : 1	15770	12850	10300	8650	7890	7120	6490	6100	5850
		20 : 1	17300	17300	16540	15260	14500	13610	13100	12850	12720
C0920	OHL (Fra)		36800	40300	42800	47300	53200	53200	53200	53200	53200
	THRUST	10 : 1	18140	14780	11850	9950	9070	8190	7460	7020	6730
		20 : 1	19900	19900	19020	17560	16680	15660	15070	14780	14630
C1020	OHL (Fra)		47800	52200	55300	62000	69400	79400	87200	87200	87200
	THRUST	10 : 1	18330	14930	11970	10050	9160	8280	7540	7100	6800
		20 : 1	20100	20100	19210	17740	16850	15810	15220	14930	14880

See page 7 for final reduction worm ratios

REDUCER OVERHUNG LOADS (Frb) ON INPUTSHAFT

AT 1450 rev/min

	RATIO	SIZE								
		C03	C04	C05	C06 (STD.)	C06 (H.D.)	C07	C08	C09	C10
DOUBLE REDUCTION UNIT	8.0	1360	1250	1160	2100	2100	1850	2830	3230	3850
	14.0	1390	1290	1200	2170	2170	1910	2940	3370	4090
	20.0	1400	1310	1210	2190	2190	1940	2970	3420	4140
	32.0	1420	1330	1230	2220	2220	1970	2980	3460	4170
	50.0	1440	1350	1240	2230	2210	1960	2960	3440	4130
	71.0	1460	1410	1280	2260	2190	1960	2900	3440	3880
	112.0	1460	1440	1340	2280	2240	2020	2250	3490	4220
	160.0	1510	1450	1370	2400	2300	2270	3310	3830	4980
	250.0	1510	1470	1380	2410	2350	2270	3310	3840	4980
TRIPLE REDUCTION UNIT	100.0	1460	1450	1380	1340	1290	1570	-	-	-
	180.0	1470	1460	1400	1370	1320	1610	-	-	-
	280.0	1470	1460	1410	1370	1330	1630	-	-	-
	400.0	1480	1460	1410	1380	1340	1640	-	-	-
	560.0	1490	1470	1430	1430	1350	1730	-	-	-
	900.0	1490	1470	1430	1430	1360	1730	-	-	-
QUADRUPLE REDUCTION UNIT ALL RATIOS		-	-	-	1720	1720	1720	1800	1800	2350
QUINTUPLE REDUCTION UNIT ALL RATIOS		-	-	-	1840	1840	1800	1800	1550	1550

MOMENTS OF INERTIA (Kg cm²) Referred to Input Shaft

DOUBLE REDUCTION

RATIO	C0320	C0420	C0520	C0620		C0720	C0820	C0920	C1020
				Standard	Heavy Duty				
8.0	1.12	1.50	3.06	11.04	11.08	27.53	84.74	228.68	460.57
11.	0.87	1.08	1.96	7.06	7.08	17.29	52.81	148.70	288.72
12.	0.79	0.96	1.74	6.15	6.16	14.91	46.23	129.54	258.50
14.	0.74	0.87	1.49	5.38	5.39	13.48	40.60	113.26	219.72
16.	1.13	1.50	2.94	11.72	11.73	23.31	71.60	204.67	363.53
18.	0.65	0.73	1.15	4.15	4.16	9.81	30.20	87.65	159.87
20.	0.64	0.70	1.04	3.66	3.67	8.60	26.64	76.76	143.32
22.	0.88	1.08	1.89	7.41	7.41	15.10	46.27	136.03	238.99
25.	0.80	0.96	1.69	6.42	6.43	13.16	40.94	119.46	216.46
28.	0.75	0.87	1.45	5.59	5.60	12.04	36.32	105.26	187.14
32.	0.55	0.58	0.76	2.45	2.45	5.71	16.66	50.93	84.47
36.	0.66	0.73	1.13	4.29	4.29	8.97	27.64	82.83	140.66
40.	0.64	0.70	1.02	3.77	3.77	7.94	24.61	72.90	126.85
45.	0.52	0.54	0.64	1.94	1.94	4.34	12.78	39.14	64.96
50.	0.51	0.52	0.62	1.86	1.87	3.96	11.60	35.94	58.56
56.	0.57	0.60	0.82	2.81	2.81	6.22	17.81	55.04	89.36
63.	0.55	0.58	0.76	2.49	2.49	5.43	15.87	49.39	78.42
71.	0.50	0.50	0.55	1.55	1.55	3.35	9.09	29.64	45.51
80.	0.49	0.50	0.53	1.50	1.50	3.21	8.72	28.17	41.80
90.	0.52	0.54	0.63	1.96	1.96	4.20	12.36	38.37	61.74
100	0.51	0.52	0.61	1.88	1.88	3.85	11.28	35.32	55.96
112	0.49	0.49	0.51	1.38	1.38	2.91	7.62	24.96	37.64
125	0.48	0.49	0.51	1.34	1.34	2.82	7.46	24.41	35.93
140	0.50	0.50	0.55	1.56	1.56	3.29	8.93	29.33	44.23
160	0.49	0.50	0.53	1.51	1.51	3.17	8.58	27.91	40.83
212	0.49	0.49	0.51	1.38	1.38	2.89	7.55	24.82	37.12
250	0.48	0.49	0.51	1.34	1.34	2.80	7.40	24.30	35.47

TRIPLE REDUCTION

RATIO	C0330	C0430	C0530	C0630		C0730
				Standard	Heavy Duty	
100	0.56	0.56	0.59	0.86	0.86	2.58
118	0.54	0.55	0.56	0.79	0.79	2.28
132	-	-	-	1.24	1.24	-
150	-	-	-	1.11	1.11	-
160	0.52	0.52	0.53	0.65	0.65	1.82
180	0.51	0.51	0.52	0.63	0.63	1.75
200	0.56	0.56	0.58	0.87	0.87	2.55
225	0.54	0.55	0.56	0.79	0.79	2.26
265	0.50	0.50	0.50	0.55	0.55	1.48
280	0.49	0.49	0.50	0.54	0.54	1.44
315	0.52	0.52	0.53	0.65	0.65	1.81
360	0.51	0.51	0.52	0.63	0.63	1.74
400	0.49	0.49	0.49	0.52	0.52	1.34
450	0.48	0.48	0.48	0.51	0.51	1.31
500	0.50	0.50	0.50	0.55	0.55	1.48
560	0.49	0.49	0.50	0.54	0.54	1.43
800	0.49	0.49	0.49	0.52	0.52	1.34
900	0.48	0.48	0.48	0.51	0.51	1.31

QUADRUPLE REDUCTION

RATIO	C0640		C0740	C0840	C0940	C1040
	Standard	Heavy Duty				
280	0.00	0.00	0.00	4.03	7.14	0.00
315	0.00	0.00	0.00	3.52	8.88	0.00
360	0.00	0.00	0.00	2.86	7.52	0.00
400	0.00	0.00	0.00	2.49	7.28	0.00
450	0.00	0.00	0.00	2.60	6.24	0.00
500	0.00	0.00	0.00	2.69	4.66	7.26
560	0.00	0.00	0.00	2.37	4.01	6.22
630	0.64	0.64	0.00	2.50	4.04	7.13
710	0.62	0.62	0.00	2.66	3.52	6.12
800	0.64	0.64	0.67	2.35	2.86	6.50
900	0.64	0.64	0.64	2.48	2.49	6.09
1000	0.62	0.62	0.64	2.21	2.60	6.48
1100	0.62	0.62	0.62	1.85	2.30	5.62
1200	0.54	0.54	0.56	1.78	2.47	4.52
1400	0.54	0.54	0.54	1.78	1.84	4.10
1600	0.53	0.53	0.55	1.72	1.83	4.30
1800	0.53	0.53	0.54	1.50	1.83	3.92
2000	0.53	0.53	0.54	1.45	1.53	3.42
2200	0.53	0.53	0.55	1.47	1.82	3.28
2500	0.51	0.51	0.54	1.43	1.49	3.33
2800	0.51	0.51	0.54	1.45	1.47	3.20
3200	0.51	0.51	0.52	1.33	1.48	3.28
3600	0.51	0.51	0.51	1.30	1.44	3.16
4000	0.51	0.51	0.51	1.33	1.46	2.90
4500	0.51	0.51	0.51	1.30	1.42	2.81
5000	0.50	0.50	0.51	1.41	1.34	2.88
5600	0.50	0.50	0.54	1.33	1.31	2.79
6000	0.51	0.51	0.53	1.30	1.33	2.81
6500	0.51	0.51	0.52	1.33	1.30	2.88
7500	0.51	0.51	0.51	1.30	1.31	2.79
8500	0.51	0.51	0.51	1.33	1.33	3.20
9500	0.50	0.50	0.51	1.30	1.30	3.27
10000	0.50	0.50	0.51	1.41	1.46	3.15
11000	0.51	0.51	0.52	1.33	1.42	2.90
12000	0.51	0.51	0.51	1.30	1.34	2.81
14000	0.50	0.50	0.51	1.33	1.33	2.88
16000	0.50	0.50	0.51	1.30	1.30	2.79

QUINTUPLE REDUCTION

RATIO	C0650		C0750	C0850	C0950	C1050
	Standard	Heavy Duty				
18000	0.48	0.48	0.50	0.50	0.52	0.54
20000	0.48	0.48	0.50	0.50	0.51	0.55
22000	0.48	0.48	0.50	0.50	0.52	0.54
25000	0.48	0.48	0.49	0.49	0.51	0.52
28000	0.48	0.48	0.48	0.48	0.51	0.51
32000	0.48	0.48	0.50	0.50	0.52	0.52
36000	0.48	0.48	0.49	0.50	0.51	0.51
40000	0.48	0.48	0.48	0.49	0.54	0.54
43000	0.48	0.48	0.49	0.48	0.52	0.52
48000	0.48	0.48	0.48	0.48	0.51	0.51
53000	0.48	0.48	0.49	0.49	0.52	0.52
60000	0.48	0.48	0.48	0.48	0.51	0.51

Note: For units fitted with fans the Moment of Inertia of the fan (see page 109) should be added to the inertia value of the gear unit.

GD^2 (Kg cm^2) = 4 x Moment of Inertia (Kg cm^2)

RATINGS AT 2900 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	362.50	Input Power kW	2.80	4.53	6.42	11.30	11.30				111.00
		Output Torque Nm	66	110	154	273	273				2690
		Efficiency %	84	85	86	83	83				78
11.2	263.64	Input Power kW	2.33	3.81	5.35	9.34	9.34				92.70
		Output Torque Nm	75	125	179	319	319				3170
		Efficiency %	84	86	87	87	87				90
12.5	241.67	Input Power kW	2.12	3.52	5.08	8.76	8.76			50.20	88.60
		Output Torque Nm	77	131	187	336	336			1890	3290
		Efficiency %	84	86	87	88	88			88	91
14.0	207.14	Input Power kW	1.95	3.24	4.74	8.21	8.21	14.70	26.10	47.10	82.70
		Output Torque Nm	80	136	197	353	353	600	1080	1990	3490
		Efficiency %	83	85	87	87	87	75	83	91	92
16.0	181.25	Input Power kW	1.76	2.76	5.84	9.06	9.06			40.60	72.30
		Output Torque Nm	70	114	250	389	389			1950	3520
		Efficiency %	73	77	75	69	69			72	74
18.0	161.11	Input Power kW	1.63	2.72	4.14	7.17	7.17	12.60	22.50	40.80	71.30
		Output Torque Nm	85	145	218	390	390	673	1200	2220	3930
		Efficiency %	83	85	86	89	89	88	88	92	93
20.0	145.00	Input Power kW	1.55	2.59	3.85	6.66	6.66	11.70	21.10	38.30	68.20
		Output Torque Nm	87	148	229	410	410	709	1260	2330	4060
		Efficiency %	83	84	86	89	89	90	89	92	93
22.0	131.82	Input Power kW	1.48	2.32	4.86	7.44	7.44	10.30	18.90	33.70	59.50
		Output Torque Nm	79	129	287	450	450	648	1210	2240	4080
		Efficiency %	74	76	78	77	77	74	71	83	86
25.0	116.00	Input Power kW	1.37	2.15	4.60	6.97	6.97	9.45	17.80	31.50	56.60
		Output Torque Nm	83	135	298	471	471	669	1260	2350	4230
		Efficiency %	73	76	78	79	79	81	82	85	87
28.0	103.57	Input Power kW	1.26	2.01	4.29	6.52	6.52	8.81	16.70	29.40	52.50
		Output Torque Nm	86	142	314	493	493	685	1320	2470	4460
		Efficiency %	73	75	78	79	79	84	85	86	88
32.0	90.63	Input Power kW	1.09	1.82	2.98	5.04	5.04	9.04	15.90	29.10	50.70
		Output Torque Nm	98	167	270	490	490	836	1520	2790	4960
		Efficiency %	81	83	85	88	88	91	91	92	93
36.0	80.56	Input Power kW	1.06	1.70	3.66	5.67	5.67	7.28	14.30	25.20	44.70
		Output Torque Nm	92	152	334	541	541	738	1450	2730	4950
		Efficiency %	72	75	77	81	81	86	87	87	88
40.0	72.50	Input Power kW	1.01	1.62	3.34	5.27	5.27	6.64	13.30	23.60	42.70
		Output Torque Nm	94	155	344	567	567	764	1520	2850	5100
		Efficiency %	72	74	77	80	80	86	87	88	89
45.0	64.44	Input Power kW	0.88	1.46	2.38	4.07	4.07	7.26	13.10	23.50	41.90
		Output Torque Nm	105	179	306	554	554	953	1710	3170	5580
		Efficiency %	80	82	83	87	87	90	91	92	93
50.0	58.00	Input Power kW	0.78	1.30	2.26	3.91	3.91	6.73	12.10	22.10	39.30
		Output Torque Nm	109	185	315	567	567	995	1780	3300	5800
		Efficiency %	80	81	83	87	87	90	90	91	92
56.0	51.79	Input Power kW	0.80	1.28	2.70	4.28	4.28	5.37	10.80	19.30	33.10
		Output Torque Nm	104	171	371	623	623	820	1700	3220	5740
		Efficiency %	70	72	75	79	79	86	88	88	89
63.0	46.03	Input Power kW	0.73	1.16	2.47	3.83	3.83	4.85	9.65	17.80	30.20
		Output Torque Nm	107	176	381	642	642	847	1760	3380	5910
		Efficiency %	70	72	74	79	79	86	87	88	89
71.0	40.85	Input Power kW	0.64	1.08	1.80	3.07	3.07	5.49	9.79	17.80	31.60
		Output Torque Nm	124	211	354	644	644	1110	2010	3730	6590
		Efficiency %	78	80	81	86	86	89	90	91	92
80.0	36.25	Input Power kW	0.60	0.91	1.67	2.90	2.90	5.18	9.23	16.70	28.90
		Output Torque Nm	127	197	367	663	663	1140	2080	3850	6920
		Efficiency %	78	79	81	86	86	88	89	91	91
90.0	32.22	Input Power kW	0.62	0.99	1.97	2.86	3.10	3.70	7.59	14.40	23.70
		Output Torque Nm	121	199	427	663	720	912	1880	3830	6310
		Efficiency %	69	70	73	77	77	85	86	87	89
100.	29.00	Input Power kW	0.55	0.88	1.85	2.69	2.94	3.37	6.92	13.50	21.90
		Output Torque Nm	124	204	432	663	726	934	1920	3970	6440
		Efficiency %	68	69	72	77	77	84	86	86	88
112.	25.89	Input Power kW	0.46	0.46	1.18	2.15	2.36	4.20	7.63	13.20	23.80
		Output Torque Nm	132	134	339	663	728	1260	2280	4120	7650
		Efficiency %	77	78	80	85	85	87	89	89	91
125.	23.20	Input Power kW	0.39	0.39	0.90	1.58	1.58	3.19	6.97	11.90	22.80
		Output Torque Nm	128	129	292	541	541	1060	2380	4180	7820
		Efficiency %	77	78	80	84	84	87	88	89	90
140.	20.71	Input Power kW	0.43	0.69	1.40	1.89	2.19	2.61	5.28	10.90	16.60
		Output Torque Nm	133	218	459	663	769	989	2040	4440	6860
		Efficiency %	66	68	70	74	75	83	84	85	87
160.	18.13	Input Power kW	0.40	0.64	1.28	1.74	2.05	2.43	4.91	10.20	14.80
		Output Torque Nm	136	223	469	663	783	1000	2080	4570	7020
		Efficiency %	66	67	70	74	74	83	84	84	86
212.	13.68	Input Power kW	0.32	0.46	1.02	1.30	1.62	1.89	3.90	8.23	11.70
		Output Torque Nm	146	214	482	663	829	1060	2180	5000	7400
		Efficiency %	65	65	68	72	73	82	83	83	85
250.	11.60	Input Power kW	0.29	0.39	0.90	1.17	1.49	1.75	3.51	7.60	11.10
		Output Torque Nm	149	206	479	663	847	1080	2240	5150	7510
		Efficiency %	64	65	67	72	72	81	82	82	85

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 2900 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	29.00	Input Power kW	0.48	0.78	1.45	2.31	2.49	4.44
		Output Torque Nm	126	209	393	663	715	1240
		Efficiency %	75	77	79	84	84	87
118.	24.58	Input Power kW	0.44	0.68	1.32	2.04	2.28	4.01
		Output Torque Nm	132	208	408	663	742	1300
		Efficiency %	75	77	79	84	84	87
132.	21.97	Input Power kW				2.11	2.21	
		Output Torque Nm				663	695	
		Efficiency %				73	73	
150.	19.33	Input Power kW				1.87	2.00	
		Output Torque Nm				663	712	
		Efficiency %				73	73	
160.	18.13	Input Power kW	0.37	0.51	0.98	1.44	1.77	2.97
		Output Torque Nm	146	206	405	663	818	1340
		Efficiency %	75	76	78	82	83	86
180.	16.11	Input Power kW	0.32	0.43	0.84	1.33	1.67	2.79
		Output Torque Nm	149	205	402	663	835	1340
		Efficiency %	74	76	78	82	82	85
200.	14.50	Input Power kW	0.33	0.52	1.02	1.40	1.59	2.03
		Output Torque Nm	136	219	457	663	754	1040
		Efficiency %	63	64	68	72	72	80
225.	12.89	Input Power kW	0.30	0.47	0.94	1.24	1.46	1.81
		Output Torque Nm	142	229	475	663	782	1080
		Efficiency %	62	64	67	71	71	80
265.	10.94	Input Power kW	0.23	0.31	0.60	0.93	1.20	1.93
		Output Torque Nm	149	202	398	663	850	1340
		Efficiency %	73	74	77	81	81	84
280.	10.36	Input Power kW	0.21	0.28	0.54	0.83	1.07	1.77
		Output Torque Nm	149	201	396	663	850	1340
		Efficiency %	73	74	76	81	81	84
315.	9.21	Input Power kW	0.24	0.39	0.72	0.88	1.13	1.38
		Output Torque Nm	149	253	482	663	850	1150
		Efficiency %	61	63	66	69	70	79
360.	8.06	Input Power kW	0.21	0.36	0.62	0.82	1.04	1.31
		Output Torque Nm	149	267	482	663	850	1160
		Efficiency %	61	63	65	69	69	79
400.	7.25	Input Power kW	0.15	0.20	0.39	0.64	0.81	1.31
		Output Torque Nm	149	199	392	663	850	1340
		Efficiency %	72	73	75	80	80	83
450.	6.44	Input Power kW	0.14	0.18	0.35	0.56	0.72	1.17
		Output Torque Nm	149	199	391	663	850	1340
		Efficiency %	72	73	75	80	80	83
500.	5.80	Input Power kW	0.15	0.27	0.45	0.58	0.74	0.97
		Output Torque Nm	149	278	482	663	850	1230
		Efficiency %	59	61	64	67	67	77
560.	5.18	Input Power kW	0.14	0.25	0.41	0.52	0.67	0.90
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	59	61	63	67	67	77
800.	3.63	Input Power kW	0.10	0.18	0.30	0.40	0.51	0.68
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	60	62	66	66	76
900.	3.22	Input Power kW	0.09	0.16	0.27	0.36	0.45	0.60
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	58	60	62	65	65	76

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 1750 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	218.75	Input Power kW	1.97	3.27	4.87	8.49	8.49	14.90		48.00	84.20
		Output Torque Nm	77	131	193	343	343	592		1950	3430
		Efficiency %	84	85	87	89	89	75		81	89
11.2	159.09	Input Power kW	1.60	2.66	4.03	6.99	6.99	12.40	22.00	40.10	69.90
		Output Torque Nm	84	143	222	396	396	680	1220	2240	3980
		Efficiency %	83	85	87	89	89	89	87	87	92
12.5	145.83	Input Power kW	1.46	2.42	3.82	6.54	6.54	11.50	20.70	37.60	66.60
		Output Torque Nm	87	147	230	415	415	713	1280	2350	4120
		Efficiency %	82	84	86	89	89	90	90	92	92
14.0	125.00	Input Power kW	1.34	2.23	3.55	6.11	6.11	10.90	19.40	35.10	61.90
		Output Torque Nm	90	153	242	434	434	740	1330	2460	4340
		Efficiency %	82	84	86	88	88	91	91	92	93
16.0	109.38	Input Power kW	1.27	2.03	4.42	6.73	6.73	8.95	17.10	29.90	53.50
		Output Torque Nm	83	137	307	481	481	680	1290	2420	4380
		Efficiency %	73	76	78	79	79	80	73	83	83
18.0	97.22	Input Power kW	1.12	1.86	3.08	5.30	5.30	9.31	16.70	30.20	52.90
		Output Torque Nm	95	162	264	475	475	820	1470	2720	4820
		Efficiency %	82	83	85	89	89	91	91	92	93
20.0	87.50	Input Power kW	1.06	1.77	2.85	4.91	4.91	8.61	15.50	28.20	50.50
		Output Torque Nm	97	165	276	497	497	860	1540	2840	4960
		Efficiency %	82	83	84	88	88	91	91	92	93
22.0	79.55	Input Power kW	1.04	1.66	3.51	5.53	5.53	7.10	13.90	24.70	43.80
		Output Torque Nm	91	149	335	549	549	743	1470	2750	5010
		Efficiency %	72	74	77	80	80	86	85	86	88
25.0	70.00	Input Power kW	0.95	1.52	3.28	5.17	5.17	6.53	13.00	23.10	41.60
		Output Torque Nm	94	154	342	572	572	767	1530	2870	5180
		Efficiency %	72	74	77	80	80	87	87	87	88
28.0	62.50	Input Power kW	0.88	1.40	3.00	4.76	4.76	6.10	12.20	21.50	38.50
		Output Torque Nm	97	160	352	587	587	785	1600	3000	5440
		Efficiency %	71	74	76	79	79	87	87	88	89
32.0	54.69	Input Power kW	0.74	1.24	2.18	3.67	3.67	6.61	11.60	21.30	37.20
		Output Torque Nm	109	185	321	585	585	1000	1830	3360	5990
		Efficiency %	80	81	83	87	87	90	90	92	92
36.0	48.61	Input Power kW	0.74	1.19	2.53	4.01	4.01	5.01	10.20	18.50	31.80
		Output Torque Nm	103	170	371	621	621	837	1720	3300	5810
		Efficiency %	70	72	75	79	79	87	87	87	88
40.0	43.75	Input Power kW	0.70	1.12	2.29	3.64	3.64	4.56	9.38	17.30	30.00
		Output Torque Nm	105	173	378	634	634	861	1770	3440	5910
		Efficiency %	70	72	74	79	79	86	87	87	89
45.0	38.89	Input Power kW	0.60	1.00	1.73	2.95	2.95	5.27	9.52	17.20	30.60
		Output Torque Nm	117	198	360	656	656	1130	2040	3800	6700
		Efficiency %	79	80	81	86	86	89	90	91	92
50.0	35.00	Input Power kW	0.53	0.89	1.63	2.80	2.83	4.87	8.81	16.10	28.70
		Output Torque Nm	121	205	370	663	670	1180	2120	3930	6940
		Efficiency %	78	79	82	86	86	89	89	90	92
56.0	31.25	Input Power kW	0.55	0.88	1.84	2.83	2.87	3.66	7.35	14.10	22.50
		Output Torque Nm	115	188	404	663	673	914	1890	3860	6390
		Efficiency %	68	70	73	77	77	85	86	87	88
63.0	27.78	Input Power kW	0.50	0.80	1.68	2.46	2.58	3.29	6.54	13.00	20.40
		Output Torque Nm	119	194	415	663	696	938	1950	4040	6540
		Efficiency %	68	69	72	76	76	85	86	87	88
71.0	24.65	Input Power kW	0.44	0.65	1.28	1.94	2.19	3.93	7.03	12.20	22.80
		Output Torque Nm	138	208	409	663	750	1300	2360	4170	7800
		Efficiency %	77	78	80	85	85	88	88	90	91
80.0	21.88	Input Power kW	0.41	0.55	1.12	1.78	2.06	3.69	6.60	11.20	20.80
		Output Torque Nm	141	193	401	663	769	1330	2430	4210	8140
		Efficiency %	77	78	79	84	85	87	88	89	90
90.0	19.44	Input Power kW	0.42	0.68	1.34	1.78	2.08	2.48	5.10	10.40	15.90
		Output Torque Nm	133	218	465	663	777	998	2060	4510	6910
		Efficiency %	66	68	70	75	75	84	85	85	87
100.	17.50	Input Power kW	0.38	0.61	1.26	1.68	1.99	2.25	4.64	9.75	14.70
		Output Torque Nm	138	225	472	663	787	1020	2100	4650	7030
		Efficiency %	66	67	70	74	74	83	84	84	86
112.	15.63	Input Power kW	0.28	0.28	0.74	1.32	1.50	2.60	5.39	8.51	16.20
		Output Torque Nm	130	131	345	663	753	1280	2630	4360	8490
		Efficiency %	76	76	79	83	83	86	87	88	89
125.	14.00	Input Power kW	0.24	0.24	0.56	0.95	0.95	1.92	4.89	7.70	14.30
		Output Torque Nm	125	126	297	533	533	1050	2730	4410	8020
		Efficiency %	75	76	78	83	83	86	87	88	89
140.	12.50	Input Power kW	0.30	0.48	0.92	1.18	1.50	1.75	3.55	7.72	11.10
		Output Torque Nm	148	242	482	663	846	1080	2230	5110	7490
		Efficiency %	64	65	68	72	72	82	83	83	85
160.	10.94	Input Power kW	0.27	0.44	0.82	1.08	1.38	1.64	3.30	7.20	9.98
		Output Torque Nm	149	247	482	663	850	1100	2270	5240	7700
		Efficiency %	64	65	67	72	72	81	82	83	85
212.	8.25	Input Power kW	0.20	0.28	0.63	0.81	1.04	1.28	2.63	5.67	7.90
		Output Torque Nm	149	208	482	663	850	1160	2390	5580	8120
		Efficiency %	62	64	66	70	70	80	81	81	84
250.	7.00	Input Power kW	0.18	0.24	0.56	0.73	0.93	1.17	2.36	5.08	7.48
		Output Torque Nm	149	200	482	663	850	1180	2450	5580	8220
		Efficiency %	62	63	66	69	69	80	81	81	83

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 1750 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	17.50	Input Power kW	0.35	0.47	0.91	1.41	1.75	2.94
		Output Torque Nm	149	205	404	663	821	1340
		Efficiency %	75	76	78	83	83	86
118.	14.83	Input Power kW	0.31	0.41	0.80	1.25	1.59	2.54
		Output Torque Nm	149	204	402	663	847	1340
		Efficiency %	74	76	78	82	83	85
132.	13.26	Input Power kW				1.31	1.51	
		Output Torque Nm				663	768	
		Efficiency %				71	72	
150.	11.67	Input Power kW				1.16	1.39	
		Output Torque Nm				663	798	
		Efficiency %				71	71	
160.	10.94	Input Power kW	0.23	0.31	0.59	0.88	1.13	1.81
		Output Torque Nm	149	202	398	663	850	1340
		Efficiency %	74	75	77	81	81	85
180.	9.72	Input Power kW	0.20	0.26	0.50	0.81	1.04	1.70
		Output Torque Nm	149	201	396	663	850	1340
		Efficiency %	73	74	77	81	81	85
200.	8.75	Input Power kW	0.22	0.38	0.67	0.87	1.11	1.36
		Output Torque Nm	149	259	482	663	850	1150
		Efficiency %	61	63	66	70	70	80
225.	7.78	Input Power kW	0.20	0.35	0.59	0.77	0.99	1.21
		Output Torque Nm	149	271	482	663	850	1180
		Efficiency %	61	63	65	69	69	79
265.	6.60	Input Power kW	0.14	0.19	0.36	0.57	0.73	1.18
		Output Torque Nm	149	199	391	663	850	1340
		Efficiency %	72	73	75	80	80	83
280.	6.25	Input Power kW	0.13	0.17	0.33	0.51	0.65	1.08
		Output Torque Nm	149	198	390	663	850	1340
		Efficiency %	72	73	75	80	80	83
315.	5.56	Input Power kW	0.15	0.27	0.45	0.55	0.70	0.92
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	60	62	64	67	68	78
360.	4.86	Input Power kW	0.13	0.23	0.38	0.51	0.65	0.87
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	59	61	63	67	67	78
400.	4.38	Input Power kW	0.09	0.12	0.24	0.39	0.50	0.80
		Output Torque Nm	149	196	387	663	850	1340
		Efficiency %	72	72	75	79	79	82
450.	3.89	Input Power kW	0.08	0.11	0.21	0.34	0.44	0.71
		Output Torque Nm	149	196	385	663	849	1340
		Efficiency %	71	72	74	79	79	82
500.	3.50	Input Power kW	0.09	0.17	0.28	0.36	0.46	0.61
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	60	62	66	66	77
560.	3.13	Input Power kW	0.08	0.15	0.25	0.32	0.41	0.56
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	58	59	62	65	65	76
800.	2.19	Input Power kW	0.06	0.11	0.19	0.25	0.32	0.41
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	58	58	61	64	64	75
900.	1.94	Input Power kW	0.05	0.10	0.17	0.22	0.28	0.37
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	64	75

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 1450 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	181.25	Input Power kW	1.72	2.84	4.39	7.62	7.62	12.90	20.70	43.20	75.90
		Output Torque Nm	81	137	209	372	372	618	977	2120	3730
		Efficiency %	83	85	87	89	89	88	85	89	91
11.2	131.82	Input Power kW	1.39	2.31	3.62	6.26	6.26	11.10	19.70	35.90	62.70
		Output Torque Nm	88	149	238	427	427	734	1320	2420	4300
		Efficiency %	83	84	86	89	89	91	90	91	93
12.5	120.83	Input Power kW	1.27	2.11	3.42	5.85	5.85	10.30	18.50	33.60	59.60
		Output Torque Nm	90	154	247	446	446	768	1380	2540	4450
		Efficiency %	82	84	85	89	89	91	91	92	93
14.0	103.57	Input Power kW	1.16	1.94	3.17	5.46	5.46	9.75	17.30	31.40	55.30
		Output Torque Nm	94	159	259	466	466	796	1430	2650	4680
		Efficiency %	82	83	85	88	88	91	91	92	93
16.0	90.63	Input Power kW	1.11	1.78	3.90	6.03	6.03	7.81	15.20	26.70	47.70
		Output Torque Nm	87	144	324	517	517	716	1390	2610	4730
		Efficiency %	72	75	78	80	80	85	83	86	86
18.0	80.56	Input Power kW	0.97	1.62	2.74	4.72	4.72	8.29	14.80	26.90	47.20
		Output Torque Nm	99	168	282	508	508	879	1580	2920	5180
		Efficiency %	81	82	84	88	88	91	91	92	93
20.0	72.50	Input Power kW	0.92	1.54	2.54	4.37	4.37	7.66	13.80	25.20	45.10
		Output Torque Nm	101	171	295	531	531	921	1650	3040	5330
		Efficiency %	81	82	84	88	88	91	91	92	93
22.0	65.91	Input Power kW	0.91	1.45	3.06	4.87	4.87	6.19	12.30	22.00	39.00
		Output Torque Nm	95	156	348	579	579	781	1580	2960	5390
		Efficiency %	72	74	77	79	79	87	87	87	89
25.0	58.00	Input Power kW	0.83	1.33	2.86	4.49	4.49	5.69	11.60	20.60	36.90
		Output Torque Nm	98	161	356	594	594	803	1650	3090	5540
		Efficiency %	71	73	76	79	79	87	87	88	89
28.0	51.79	Input Power kW	0.77	1.23	2.61	4.13	4.13	5.30	10.80	19.20	33.60
		Output Torque Nm	101	167	366	611	611	822	1700	3220	5710
		Efficiency %	70	72	75	79	79	87	88	87	89
32.0	45.31	Input Power kW	0.64	1.08	1.93	3.26	3.26	5.87	10.30	19.00	33.10
		Output Torque Nm	113	192	341	623	623	1070	1950	3590	6400
		Efficiency %	79	80	82	87	87	90	90	91	92
36.0	40.28	Input Power kW	0.65	1.03	2.18	3.45	3.45	4.35	8.88	16.50	27.50
		Output Torque Nm	107	176	381	637	637	872	1800	3540	6060
		Efficiency %	69	71	74	78	78	86	87	87	89
40.0	36.25	Input Power kW	0.61	0.98	1.99	3.13	3.13	3.95	8.14	15.40	26.00
		Output Torque Nm	110	179	392	651	651	895	1840	3680	6150
		Efficiency %	69	71	73	78	78	86	87	87	88
45.0	32.22	Input Power kW	0.52	0.87	1.52	2.48	2.60	4.66	8.43	15.20	27.20
		Output Torque Nm	122	206	382	663	695	1200	2170	4030	7140
		Efficiency %	79	79	81	86	86	89	89	90	91
50.0	29.00	Input Power kW	0.46	0.76	1.44	2.33	2.49	4.30	7.79	13.90	25.40
		Output Torque Nm	127	209	391	663	709	1250	2250	4090	7390
		Efficiency %	78	79	81	86	86	88	89	90	91
56.0	25.89	Input Power kW	0.48	0.77	1.60	2.37	2.49	3.16	6.35	12.60	19.40
		Output Torque Nm	120	196	418	663	698	946	1960	4110	6620
		Efficiency %	68	69	72	76	76	85	86	87	88
63.0	23.02	Input Power kW	0.44	0.70	1.46	2.06	2.24	2.84	5.64	11.60	17.60
		Output Torque Nm	124	202	430	663	721	970	2010	4290	6770
		Efficiency %	67	68	71	75	75	84	85	85	87
71.0	20.42	Input Power kW	0.38	0.54	1.06	1.62	1.92	3.38	6.18	10.40	20.10
		Output Torque Nm	143	206	406	663	789	1340	2490	4260	8250
		Efficiency %	76	77	79	84	84	87	88	89	90
80.0	18.13	Input Power kW	0.35	0.46	0.93	1.48	1.81	3.10	5.79	9.51	17.80
		Output Torque Nm	147	192	399	663	808	1340	2560	4300	8390
		Efficiency %	76	77	79	84	84	87	88	89	90
90.0	16.11	Input Power kW	0.37	0.59	1.16	1.49	1.81	2.13	4.39	9.21	13.70
		Output Torque Nm	139	227	482	663	806	1030	2120	4760	7120
		Efficiency %	66	67	70	74	74	83	84	84	86
100.	14.50	Input Power kW	0.33	0.53	1.08	1.41	1.73	1.94	3.99	8.58	12.60
		Output Torque Nm	143	234	482	663	816	1050	2160	4900	7240
		Efficiency %	65	66	69	73	73	82	83	84	86
112.	12.95	Input Power kW	0.23	0.23	0.62	1.10	1.24	2.16	4.71	7.22	13.70
		Output Torque Nm	129	130	348	663	748	1270	2760	4440	8650
		Efficiency %	75	76	78	83	83	86	87	88	89
125.	11.60	Input Power kW	0.19	0.19	0.47	0.79	0.79	1.59	4.19	6.53	11.80
		Output Torque Nm	125	126	300	530	530	1040	2810	4490	7980
		Efficiency %	75	76	78	82	82	86	86	87	89
140.	10.36	Input Power kW	0.25	0.42	0.77	0.99	1.26	1.52	3.07	6.76	9.62
		Output Torque Nm	149	252	482	663	850	1120	2310	5360	7760
		Efficiency %	63	65	67	71	72	81	82	82	85
160.	9.06	Input Power kW	0.23	0.39	0.69	0.91	1.16	1.41	2.85	6.29	8.62
		Output Torque Nm	149	257	482	663	850	1140	2350	5480	7960
		Efficiency %	63	64	67	71	71	81	82	82	84
212.	6.84	Input Power kW	0.17	0.23	0.53	0.68	0.87	1.10	2.27	4.74	6.80
		Output Torque Nm	149	206	482	663	850	1200	2470	5580	8370
		Efficiency %	62	63	66	69	69	79	81	80	83
250.	5.80	Input Power kW	0.15	0.19	0.47	0.61	0.78	1.01	2.03	4.25	6.43
		Output Torque Nm	149	198	482	663	850	1220	2530	5580	8470
		Efficiency %	61	63	65	69	69	79	80	80	83

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 1450 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	14.50	Input Power kW	0.29	0.39	0.75	1.18	1.51	2.44
		Output Torque Nm	149	204	401	663	850	1340
		Efficiency %	74	76	78	82	82	86
118.	12.29	Input Power kW	0.25	0.34	0.66	1.04	1.33	2.11
		Output Torque Nm	149	203	399	663	850	1340
		Efficiency %	74	75	77	82	82	85
132.	10.98	Input Power kW				1.09	1.34	
		Output Torque Nm				663	812	
		Efficiency %				71	71	
150.	9.67	Input Power kW				0.97	1.23	
		Output Torque Nm				663	844	
		Efficiency %				70	71	
160.	9.06	Input Power kW	0.19	0.25	0.49	0.73	0.94	1.51
		Output Torque Nm	149	201	395	663	850	1340
		Efficiency %	73	75	77	81	81	84
180.	8.06	Input Power kW	0.16	0.22	0.42	0.68	0.87	1.42
		Output Torque Nm	149	200	393	663	850	1340
		Efficiency %	73	74	76	81	81	84
200.	7.25	Input Power kW	0.19	0.33	0.56	0.73	0.93	1.17
		Output Torque Nm	149	276	482	663	850	1190
		Efficiency %	61	63	65	69	69	79
225.	6.44	Input Power kW	0.16	0.30	0.49	0.65	0.83	1.04
		Output Torque Nm	149	278	482	663	850	1220
		Efficiency %	61	62	65	68	68	79
265.	5.47	Input Power kW	0.12	0.15	0.30	0.48	0.61	0.98
		Output Torque Nm	149	198	389	663	850	1340
		Efficiency %	72	73	75	80	80	83
280.	5.18	Input Power kW	0.11	0.14	0.27	0.42	0.54	0.90
		Output Torque Nm	149	197	388	663	850	1340
		Efficiency %	71	73	75	79	79	83
315.	4.60	Input Power kW	0.12	0.22	0.37	0.46	0.59	0.78
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	61	63	67	67	77
360.	4.03	Input Power kW	0.11	0.19	0.32	0.43	0.54	0.73
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	61	63	66	67	77
400.	3.63	Input Power kW	0.08	0.10	0.20	0.32	0.41	0.66
		Output Torque Nm	149	195	385	663	847	1340
		Efficiency %	71	72	74	79	79	82
450.	3.22	Input Power kW	0.07	0.09	0.17	0.29	0.36	0.59
		Output Torque Nm	149	195	384	663	844	1340
		Efficiency %	71	72	74	78	78	82
500.	2.90	Input Power kW	0.08	0.14	0.23	0.30	0.39	0.50
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	58	59	62	65	65	76
560.	2.59	Input Power kW	0.07	0.13	0.21	0.27	0.35	0.46
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	58	59	61	64	65	76
800.	1.81	Input Power kW	0.05	0.09	0.16	0.21	0.27	0.34
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	61	64	64	75
900.	1.61	Input Power kW	0.05	0.08	0.14	0.18	0.24	0.31
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	63	75

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 1160 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	145.00	Input Power kW	1.45	2.41	3.86	6.70	6.70	10.30	16.50	38.00	62.60
		Output Torque Nm	85	144	228	407	407	617	976	2330	3840
		Efficiency %	83	84	86	89	89	90	90	91	92
11.2	105.45	Input Power kW	1.18	1.96	3.17	5.47	5.47	9.68	16.50	31.40	54.90
		Output Torque Nm	92	156	259	465	465	800	1380	2650	4700
		Efficiency %	82	83	85	89	89	91	91	91	93
12.5	96.67	Input Power kW	1.08	1.78	2.99	5.11	5.11	9.01	16.10	29.40	52.20
		Output Torque Nm	95	161	268	485	485	836	1500	2760	4860
		Efficiency %	81	83	85	89	89	91	91	92	93
14.0	82.86	Input Power kW	0.99	1.63	2.77	4.76	4.76	8.51	15.10	27.40	48.30
		Output Torque Nm	99	166	281	505	505	865	1560	2890	5100
		Efficiency %	81	83	84	88	88	91	92	92	93
16.0	72.50	Input Power kW	0.95	1.52	3.32	5.26	5.26	6.65	13.30	23.30	41.70
		Output Torque Nm	92	151	339	560	560	760	1510	2850	5160
		Efficiency %	72	74	77	79	79	86	86	87	87
18.0	64.44	Input Power kW	0.82	1.37	2.39	4.11	4.11	7.22	12.90	23.40	41.20
		Output Torque Nm	104	176	305	550	550	953	1710	3170	5630
		Efficiency %	80	82	84	88	88	91	91	92	93
20.0	58.00	Input Power kW	0.78	1.30	2.21	3.80	3.80	6.67	12.10	21.90	39.30
		Output Torque Nm	106	180	318	574	574	997	1790	3300	5790
		Efficiency %	80	82	83	88	88	90	91	92	93
22.0	52.73	Input Power kW	0.78	1.24	2.61	4.12	4.12	5.25	10.60	19.20	33.30
		Output Torque Nm	100	164	365	606	606	824	1700	3210	5720
		Efficiency %	71	73	75	79	79	87	87	87	88
25.0	46.40	Input Power kW	0.71	1.13	2.42	3.78	3.78	4.82	9.85	18.00	31.20
		Output Torque Nm	103	168	371	619	619	846	1740	3350	5840
		Efficiency %	70	72	75	78	78	87	87	87	89
28.0	41.43	Input Power kW	0.65	1.04	2.20	3.46	3.46	4.49	9.09	16.70	28.40
		Output Torque Nm	106	174	379	631	631	864	1780	3500	6000
		Efficiency %	69	71	74	78	78	86	87	87	89
32.0	36.25	Input Power kW	0.54	0.91	1.67	2.79	2.82	5.08	8.95	16.50	28.80
		Output Torque Nm	119	201	366	663	669	1150	2100	3880	6920
		Efficiency %	79	80	82	86	86	89	90	91	92
36.0	32.22	Input Power kW	0.55	0.88	1.85	2.90	2.90	3.67	7.49	14.30	23.20
		Output Torque Nm	113	184	398	662	662	912	1880	3830	6340
		Efficiency %	69	70	73	77	77	85	87	87	88
40.0	29.00	Input Power kW	0.52	0.83	1.69	2.58	2.65	3.33	6.86	13.40	21.90
		Output Torque Nm	115	188	409	663	680	935	1920	3970	6430
		Efficiency %	68	70	72	77	77	85	86	86	88
45.0	25.78	Input Power kW	0.45	0.71	1.23	2.00	2.24	4.01	7.27	12.60	23.50
		Output Torque Nm	130	209	381	663	742	1290	2320	4150	7680
		Efficiency %	78	79	80	85	85	89	89	90	91
50.0	23.20	Input Power kW	0.40	0.60	1.21	1.88	2.14	3.69	6.71	11.50	21.90
		Output Torque Nm	137	207	408	663	756	1330	2410	4200	7930
		Efficiency %	77	78	80	85	85	88	89	90	91
56.0	20.71	Input Power kW	0.41	0.65	1.35	1.92	2.11	2.65	5.33	10.90	16.30
		Output Torque Nm	125	205	437	663	728	984	2040	4420	6880
		Efficiency %	66	68	71	75	75	84	85	85	87
63.0	18.41	Input Power kW	0.37	0.59	1.23	1.67	1.89	2.38	4.72	10.00	14.70
		Output Torque Nm	130	212	449	663	752	1010	2090	4590	7020
		Efficiency %	66	68	70	74	75	84	85	85	87
71.0	16.34	Input Power kW	0.32	0.43	0.85	1.30	1.64	2.72	5.28	8.54	16.60
		Output Torque Nm	149	205	403	663	836	1340	2650	4360	8470
		Efficiency %	76	77	79	84	84	87	88	89	90
80.0	14.50	Input Power kW	0.29	0.36	0.74	1.20	1.53	2.49	4.94	7.83	14.70
		Output Torque Nm	149	190	396	663	850	1340	2710	4400	8590
		Efficiency %	76	77	79	83	83	87	87	88	89
90.0	12.89	Input Power kW	0.31	0.50	0.95	1.21	1.53	1.79	3.69	7.91	11.50
		Output Torque Nm	145	238	482	663	840	1070	2210	5060	7420
		Efficiency %	65	66	68	73	73	82	83	83	86
100.	11.60	Input Power kW	0.28	0.45	0.87	1.14	1.46	1.63	3.36	7.35	10.60
		Output Torque Nm	149	245	482	663	850	1100	2260	5200	7570
		Efficiency %	64	65	68	72	72	82	83	83	85
112.	10.36	Input Power kW	0.18	0.18	0.50	0.89	0.99	1.72	4.00	5.93	11.20
		Output Torque Nm	128	129	352	663	743	1270	2910	4530	8750
		Efficiency %	75	75	78	82	82	86	86	87	88
125.	9.28	Input Power kW	0.16	0.16	0.39	0.63	0.63	1.28	3.45	5.36	9.48
		Output Torque Nm	124	125	304	526	526	1030	2870	4580	7940
		Efficiency %	75	75	77	82	82	84	86	87	88
140.	8.29	Input Power kW	0.20	0.36	0.62	0.80	1.03	1.27	2.58	5.69	8.07
		Output Torque Nm	149	266	482	663	850	1160	2410	5580	8080
		Efficiency %	63	64	66	70	70	80	81	81	84
160.	7.25	Input Power kW	0.18	0.33	0.56	0.74	0.94	1.18	2.39	5.18	7.22
		Output Torque Nm	149	275	482	663	850	1180	2440	5580	8270
		Efficiency %	62	64	66	70	70	80	81	81	83
212.	5.47	Input Power kW	0.14	0.18	0.43	0.55	0.71	0.92	1.89	3.83	5.68
		Output Torque Nm	149	203	482	663	850	1240	2560	5580	8660
		Efficiency %	61	62	65	68	68	79	80	80	82
250.	4.64	Input Power kW	0.12	0.16	0.38	0.50	0.63	0.84	1.70	3.43	5.36
		Output Torque Nm	149	195	482	663	846	1260	2610	5580	8750
		Efficiency %	61	62	64	68	68	78	79	79	82

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 1160 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	11.60	Input Power kW	0.23	0.31	0.60	0.95	1.21	1.97
		Output Torque Nm	149	202	398	663	850	1340
		Efficiency %	74	75	77	82	82	85
118.	9.83	Input Power kW	0.20	0.27	0.53	0.84	1.07	1.70
		Output Torque Nm	149	201	396	663	850	1340
		Efficiency %	74	75	77	81	82	85
132.	8.79	Input Power kW				0.89	1.13	
		Output Torque Nm				663	850	
		Efficiency %				70	70	
150.	7.73	Input Power kW				0.79	1.01	
		Output Torque Nm				663	850	
		Efficiency %				69	69	
160.	7.25	Input Power kW	0.15	0.20	0.39	0.59	0.76	1.21
		Output Torque Nm	149	199	392	663	850	1340
		Efficiency %	73	74	76	80	81	84
180.	6.44	Input Power kW	0.13	0.17	0.33	0.54	0.70	1.14
		Output Torque Nm	149	198	391	663	850	1340
		Efficiency %	73	73	76	80	80	84
200.	5.80	Input Power kW	0.15	0.27	0.45	0.59	0.75	0.98
		Output Torque Nm	149	278	482	663	850	1230
		Efficiency %	61	62	64	68	68	78
225.	5.16	Input Power kW	0.13	0.24	0.40	0.52	0.67	0.86
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	60	61	64	67	68	78
265.	4.38	Input Power kW	0.09	0.12	0.24	0.38	0.49	0.79
		Output Torque Nm	149	196	387	663	850	1340
		Efficiency %	72	73	75	79	79	83
280.	4.14	Input Power kW	0.09	0.11	0.22	0.34	0.44	0.72
		Output Torque Nm	149	196	386	663	849	1340
		Efficiency %	71	73	74	79	79	82
315.	3.68	Input Power kW	0.10	0.18	0.30	0.37	0.48	0.63
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	61	63	66	66	77
360.	3.22	Input Power kW	0.09	0.16	0.26	0.34	0.44	0.59
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	60	62	66	66	77
400.	2.90	Input Power kW	0.06	0.08	0.16	0.26	0.33	0.53
		Output Torque Nm	149	194	383	663	842	1340
		Efficiency %	71	72	74	78	78	82
450.	2.58	Input Power kW	0.06	0.07	0.14	0.23	0.29	0.48
		Output Torque Nm	149	194	381	663	840	1340
		Efficiency %	71	72	73	78	78	81
500.	2.32	Input Power kW	0.06	0.11	0.19	0.24	0.31	0.41
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	58	59	61	64	64	75
560.	2.07	Input Power kW	0.06	0.10	0.17	0.22	0.28	0.37
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	59	61	64	64	75
800.	1.45	Input Power kW	0.04	0.08	0.13	0.17	0.21	0.28
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	63	74
900.	1.29	Input Power kW	0.04	0.07	0.11	0.15	0.19	0.25
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	56	57	60	63	62	74

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 960 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	120.00	Input Power kW	1.26	2.09	3.44	5.99	5.99	8.53	13.70	34.00	51.80
		Output Torque Nm	89	150	243	439	439	615	974	2510	3840
		Efficiency %	82	84	85	89	89	91	91	91	92
11.2	87.27	Input Power kW	1.03	1.70	2.82	4.88	4.88	8.53	13.70	28.00	49.00
		Output Torque Nm	97	163	277	498	498	849	1380	2840	5060
		Efficiency %	81	83	85	88	88	91	91	92	93
12.5	80.00	Input Power kW	0.93	1.55	2.66	4.55	4.55	8.03	13.70	26.20	46.50
		Output Torque Nm	99	167	287	519	519	896	1530	2970	5220
		Efficiency %	81	82	84	88	88	91	91	92	93
14.0	68.57	Input Power kW	0.85	1.42	2.46	4.23	4.23	7.57	13.50	24.40	43.10
		Output Torque Nm	102	173	300	540	540	927	1670	3100	5480
		Efficiency %	80	82	84	88	88	91	91	92	93
16.0	60.00	Input Power kW	0.83	1.33	2.89	4.57	4.57	5.80	11.80	20.80	37.00
		Output Torque Nm	96	158	353	582	582	798	1620	3060	5530
		Efficiency %	71	73	76	79	79	86	87	87	87
18.0	53.33	Input Power kW	0.71	1.18	2.12	3.65	3.65	6.42	11.50	20.90	36.60
		Output Torque Nm	108	183	325	587	587	1020	1830	3400	6030
		Efficiency %	80	82	83	87	87	90	91	92	92
20.0	48.00	Input Power kW	0.68	1.13	1.96	3.37	3.37	5.92	10.70	19.50	34.90
		Output Torque Nm	110	187	338	612	612	1060	1910	3530	6200
		Efficiency %	79	81	82	87	87	90	90	92	92
22.0	43.64	Input Power kW	0.68	1.08	2.25	3.55	3.55	4.56	9.23	17.10	28.80
		Output Torque Nm	104	170	376	624	624	860	1780	3450	5970
		Efficiency %	70	72	74	78	78	87	87	87	89
25.0	38.40	Input Power kW	0.62	0.99	2.10	3.25	3.25	4.18	8.53	16.00	27.10
		Output Torque Nm	107	175	384	636	636	881	1820	3590	6080
		Efficiency %	69	71	74	78	78	86	87	87	88
28.0	34.29	Input Power kW	0.57	0.91	1.91	2.99	2.99	3.89	7.88	14.90	24.60
		Output Torque Nm	111	181	393	652	652	898	1860	3740	6240
		Efficiency %	69	71	73	77	77	86	87	87	88
32.0	30.00	Input Power kW	0.48	0.79	1.47	2.32	2.48	4.49	7.91	14.40	25.50
		Output Torque Nm	125	209	387	663	709	1220	2230	4070	7370
		Efficiency %	78	79	81	86	86	89	89	90	91
36.0	26.67	Input Power kW	0.48	0.76	1.61	2.43	2.52	3.17	6.47	12.70	20.00
		Output Torque Nm	117	192	413	663	686	946	1950	4080	6570
		Efficiency %	68	69	72	77	76	85	86	87	88
40.0	24.00	Input Power kW	0.45	0.73	1.46	2.16	2.30	2.87	5.91	11.90	18.90
		Output Torque Nm	120	196	424	663	705	967	1990	4230	6660
		Efficiency %	68	69	72	76	76	84	86	86	88
45.0	21.33	Input Power kW	0.40	0.59	1.02	1.67	1.96	3.48	6.39	10.70	20.70
		Output Torque Nm	138	207	378	663	782	1340	2460	4240	8130
		Efficiency %	77	78	80	84	85	88	89	90	90
50.0	19.20	Input Power kW	0.36	0.50	1.00	1.56	1.88	3.09	5.88	9.75	19.10
		Output Torque Nm	145	206	405	663	796	1340	2540	4290	8320
		Efficiency %	77	78	80	85	84	87	88	89	90
56.0	17.14	Input Power kW	0.35	0.57	1.17	1.61	1.83	2.28	4.58	9.61	14.00
		Output Torque Nm	131	213	453	663	755	1010	2100	4670	7090
		Efficiency %	66	67	70	74	74	83	84	85	86
63.0	15.24	Input Power kW	0.32	0.52	1.07	1.40	1.64	2.04	4.06	8.81	12.60
		Output Torque Nm	135	220	465	663	780	1040	2150	4850	7230
		Efficiency %	65	67	69	73	74	83	84	84	86
71.0	13.52	Input Power kW	0.27	0.36	0.70	1.09	1.39	2.26	4.61	7.24	14.10
		Output Torque Nm	149	203	400	663	850	1340	2780	4440	8630
		Efficiency %	76	76	78	83	83	86	87	88	89
80.0	12.00	Input Power kW	0.24	0.30	0.61	1.00	1.27	2.07	4.17	6.63	12.40
		Output Torque Nm	149	189	393	663	850	1340	2750	4480	8740
		Efficiency %	75	76	78	83	83	86	87	88	89
90.0	10.67	Input Power kW	0.27	0.44	0.79	1.02	1.30	1.55	3.19	6.92	9.96
		Output Torque Nm	149	247	482	663	850	1110	2290	5310	7690
		Efficiency %	64	65	68	71	72	82	83	83	85
100.	9.60	Input Power kW	0.23	0.39	0.73	0.96	1.22	1.41	2.90	6.42	9.18
		Output Torque Nm	149	255	482	663	850	1140	2340	5440	7840
		Efficiency %	63	65	67	71	72	81	82	82	85
112.	8.57	Input Power kW	0.15	0.15	0.43	0.74	0.82	1.43	3.47	5.01	9.25
		Output Torque Nm	128	129	356	663	739	1260	3040	4610	8700
		Efficiency %	75	75	77	82	82	85	86	87	88
125.	7.68	Input Power kW	0.13	0.13	0.32	0.52	0.52	1.06	2.91	4.53	7.84
		Output Torque Nm	123	124	307	523	523	1030	2910	4650	7900
		Efficiency %	74	74	77	81	81	84	85	86	87
140.	6.86	Input Power kW	0.17	0.31	0.52	0.67	0.86	1.09	2.21	4.75	6.94
		Output Torque Nm	149	278	482	663	850	1200	2480	5580	8330
		Efficiency %	62	63	65	69	70	80	81	81	83
160.	6.00	Input Power kW	0.15	0.28	0.47	0.62	0.79	1.02	2.05	4.32	6.20
		Output Torque Nm	149	278	482	663	850	1220	2520	5580	8520
		Efficiency %	62	63	65	69	69	80	81	80	83
212.	4.53	Input Power kW	0.11	0.15	0.36	0.46	0.59	0.78	1.62	3.20	4.83
		Output Torque Nm	149	201	482	663	850	1270	2630	5580	8830
		Efficiency %	61	61	64	68	68	78	80	79	82
250.	3.84	Input Power kW	0.10	0.13	0.32	0.42	0.52	0.71	1.42	2.86	4.51
		Output Torque Nm	149	193	482	663	837	1270	2620	5580	8820
		Efficiency %	60	61	63	67	67	78	79	79	81

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 960 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	9.60	Input Power kW	0.19	0.26	0.50	0.79	1.01	1.63
		Output Torque Nm	149	201	395	663	850	1340
		Efficiency %	74	75	77	81	81	85
118.	8.14	Input Power kW	0.17	0.23	0.44	0.70	0.89	1.41
		Output Torque Nm	149	200	394	663	850	1340
		Efficiency %	73	74	77	81	81	84
132.	7.27	Input Power kW				0.74	0.95	
		Output Torque Nm				663	850	
		Efficiency %				69	69	
150.	6.40	Input Power kW				0.66	0.84	
		Output Torque Nm				663	850	
		Efficiency %				69	69	
160.	6.00	Input Power kW	0.13	0.17	0.32	0.49	0.63	1.01
		Output Torque Nm	149	198	390	663	850	1340
		Efficiency %	73	73	76	80	80	83
180.	5.33	Input Power kW	0.11	0.14	0.28	0.45	0.58	0.95
		Output Torque Nm	149	197	388	663	850	1340
		Efficiency %	72	73	75	80	80	83
200.	4.80	Input Power kW	0.13	0.23	0.38	0.49	0.63	0.84
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	60	61	64	67	67	78
225.	4.27	Input Power kW	0.11	0.20	0.33	0.44	0.56	0.73
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	61	63	67	67	77
265.	3.62	Input Power kW	0.08	0.10	0.20	0.32	0.41	0.66
		Output Torque Nm	149	195	385	663	847	1340
		Efficiency %	71	72	74	79	79	82
280.	3.43	Input Power kW	0.07	0.09	0.18	0.28	0.36	0.60
		Output Torque Nm	149	195	384	663	844	1340
		Efficiency %	71	72	74	78	78	82
315.	3.05	Input Power kW	0.08	0.15	0.25	0.31	0.40	0.52
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	60	62	65	65	77
360.	2.67	Input Power kW	0.07	0.13	0.22	0.29	0.37	0.49
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	58	59	62	65	65	77
400.	2.40	Input Power kW	0.05	0.07	0.13	0.22	0.27	0.44
		Output Torque Nm	149	193	381	663	838	1340
		Efficiency %	71	71	74	78	78	81
450.	2.13	Input Power kW	0.05	0.06	0.11	0.19	0.24	0.40
		Output Torque Nm	149	193	380	663	836	1340
		Efficiency %	70	71	73	78	78	81
500.	1.92	Input Power kW	0.05	0.09	0.16	0.20	0.26	0.34
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	61	63	64	75
560.	1.71	Input Power kW	0.05	0.09	0.14	0.18	0.23	0.31
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	63	75
800.	1.20	Input Power kW	0.03	0.06	0.10	0.14	0.18	0.23
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	56	57	60	62	62	74
900.	1.07	Input Power kW	0.03	0.06	0.09	0.12	0.16	0.20
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	56	57	59	62	62	74

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 725 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	90.63	Input Power kW	1.03	1.70	2.59	5.05	5.05	6.44	10.30	28.70	39.10
		Output Torque Nm	95	159	241	487	487	612	970	2800	3830
		Efficiency %	82	83	85	89	89	91	91	92	92
11.2	65.91	Input Power kW	0.83	1.37	2.37	4.10	4.10	6.44	10.30	23.60	39.10
		Output Torque Nm	102	172	306	550	550	843	1370	3160	5330
		Efficiency %	80	82	84	88	88	91	91	91	93
12.5	60.42	Input Power kW	0.75	1.25	2.23	3.82	3.82	6.44	10.30	22.00	39.10
		Output Torque Nm	105	177	316	572	572	944	1520	3290	5780
		Efficiency %	80	81	84	87	87	90	91	92	92
14.0	51.79	Input Power kW	0.69	1.15	2.06	3.55	3.55	6.36	10.30	20.50	36.20
		Output Torque Nm	109	183	329	595	595	1020	1680	3430	6070
		Efficiency %	80	81	83	87	87	90	91	92	92
16.0	45.31	Input Power kW	0.68	1.08	2.35	3.69	3.69	4.71	9.71	17.50	30.00
		Output Torque Nm	103	168	372	613	613	851	1750	3400	5900
		Efficiency %	70	72	74	78	78	87	87	87	88
18.0	40.28	Input Power kW	0.58	0.96	1.77	3.05	3.05	5.37	9.64	17.50	30.80
		Output Torque Nm	115	194	355	644	644	1120	2020	3750	6670
		Efficiency %	79	80	82	87	87	89	90	91	92
20.0	36.25	Input Power kW	0.55	0.91	1.63	2.78	2.81	4.94	8.96	16.30	29.30
		Output Torque Nm	117	198	370	663	670	1170	2100	3890	6850
		Efficiency %	79	80	82	86	86	89	90	91	92
22.0	32.95	Input Power kW	0.55	0.88	1.83	2.86	2.86	3.68	7.46	14.40	23.30
		Output Torque Nm	111	181	397	655	655	911	1880	3810	6330
		Efficiency %	69	71	73	77	77	86	86	87	88
25.0	29.00	Input Power kW	0.50	0.81	1.71	2.60	2.64	3.37	6.89	13.40	21.80
		Output Torque Nm	114	186	405	663	671	931	1920	3960	6440
		Efficiency %	68	70	72	76	76	85	86	86	88
28.0	25.89	Input Power kW	0.46	0.74	1.55	2.34	2.42	3.13	6.34	12.50	19.70
		Output Torque Nm	118	192	415	663	688	948	1960	4120	6590
		Efficiency %	68	69	72	76	76	85	86	86	88
32.0	22.66	Input Power kW	0.40	0.60	1.18	1.77	2.05	3.71	6.55	11.30	21.20
		Output Torque Nm	137	207	408	663	768	1330	2430	4200	8050
		Efficiency %	78	78	81	85	85	88	89	90	91
36.0	20.14	Input Power kW	0.39	0.62	1.30	1.87	2.04	2.54	5.19	10.60	16.00
		Output Torque Nm	125	203	435	663	724	993	2050	4460	6900
		Efficiency %	67	68	71	75	75	84	85	85	87
40.0	18.13	Input Power kW	0.37	0.59	1.19	1.66	1.86	2.29	4.73	9.90	15.10
		Output Torque Nm	127	208	447	663	743	1010	2090	4610	6990
		Efficiency %	66	68	70	75	75	83	85	85	86
45.0	16.11	Input Power kW	0.33	0.44	0.77	1.27	1.61	2.65	5.25	8.37	16.40
		Output Torque Nm	149	205	375	663	841	1340	2650	4370	8470
		Efficiency %	76	77	79	84	84	87	88	89	90
50.0	14.50	Input Power kW	0.28	0.38	0.76	1.19	1.53	2.35	4.56	7.64	14.90
		Output Torque Nm	149	204	401	663	850	1340	2590	4410	8530
		Efficiency %	76	77	79	84	83	87	88	89	90
56.0	12.95	Input Power kW	0.29	0.46	0.95	1.24	1.49	1.83	3.68	7.94	11.20
		Output Torque Nm	141	227	478	663	796	1070	2210	5050	7460
		Efficiency %	65	66	69	73	73	83	84	84	86
63.0	11.51	Input Power kW	0.27	0.43	0.85	1.08	1.33	1.64	3.27	7.25	10.20
		Output Torque Nm	147	238	482	663	822	1100	2270	5220	7640
		Efficiency %	64	66	68	72	72	83	83	83	85
71.0	10.21	Input Power kW	0.20	0.27	0.53	0.83	1.06	1.72	3.63	5.65	10.90
		Output Torque Nm	149	201	396	663	850	1340	2870	4550	8800
		Efficiency %	75	76	78	82	82	86	86	87	89
80.0	9.06	Input Power kW	0.18	0.23	0.46	0.76	0.97	1.58	3.15	5.17	9.53
		Output Torque Nm	149	187	390	663	850	1340	2730	4590	8810
		Efficiency %	75	75	77	82	82	85	86	87	88
90.0	8.06	Input Power kW	0.21	0.36	0.61	0.78	1.00	1.24	2.56	5.57	7.99
		Output Torque Nm	149	263	482	663	850	1170	2410	5580	8090
		Efficiency %	63	64	66	70	71	81	82	82	84
100.	7.25	Input Power kW	0.18	0.33	0.56	0.73	0.94	1.13	2.33	5.04	7.36
		Output Torque Nm	149	277	482	663	850	1190	2460	5580	8230
		Efficiency %	63	64	66	70	70	80	81	81	84
112.	6.47	Input Power kW	0.11	0.11	0.33	0.56	0.62	1.08	2.80	3.90	6.98
		Output Torque Nm	127	127	362	663	733	1250	3220	4710	8640
		Efficiency %	74	74	77	81	81	84	85	86	87
125.	5.80	Input Power kW	0.10	0.10	0.25	0.40	0.40	0.80	2.19	3.52	5.92
		Output Torque Nm	122	123	313	519	519	1020	2880	4750	7840
		Efficiency %	73	74	76	80	80	84	85	86	87
140.	5.18	Input Power kW	0.13	0.24	0.40	0.52	0.66	0.87	1.76	3.63	5.53
		Output Torque Nm	149	278	482	663	850	1250	2590	5580	8690
		Efficiency %	61	62	65	68	68	79	80	80	82
160.	4.53	Input Power kW	0.12	0.22	0.36	0.47	0.61	0.81	1.64	3.30	4.91
		Output Torque Nm	149	278	482	663	850	1270	2630	5580	8830
		Efficiency %	61	62	64	68	68	79	80	80	82
212.	3.42	Input Power kW	0.09	0.11	0.27	0.35	0.45	0.60	1.23	2.44	3.67
		Output Torque Nm	149	198	482	663	850	1270	2620	5580	8810
		Efficiency %	60	61	63	66	67	78	79	78	81
250.	2.90	Input Power kW	0.08	0.10	0.24	0.32	0.40	0.54	1.08	2.19	3.43
		Output Torque Nm	149	191	482	663	824	1270	2620	5580	8800
		Efficiency %	59	60	63	66	66	77	78	77	80

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 725 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	7.25	Input Power kW	0.15	0.19	0.38	0.60	0.77	1.24
		Output Torque Nm	149	199	392	663	850	1340
		Efficiency %	73	74	76	81	81	84
118.	6.14	Input Power kW	0.13	0.17	0.33	0.53	0.68	1.07
		Output Torque Nm	149	198	390	663	850	1340
		Efficiency %	73	73	76	80	80	84
132.	5.49	Input Power kW				0.57	0.73	
		Output Torque Nm				663	850	
		Efficiency %				68	68	
150.	4.83	Input Power kW				0.50	0.65	
		Output Torque Nm				663	850	
		Efficiency %				67	68	
160.	4.53	Input Power kW	0.10	0.13	0.24	0.37	0.48	0.77
		Output Torque Nm	149	197	387	663	850	1340
		Efficiency %	72	73	75	79	80	83
180.	4.03	Input Power kW	0.08	0.11	0.21	0.34	0.44	0.72
		Output Torque Nm	149	196	386	663	849	1340
		Efficiency %	72	72	75	79	79	83
200.	3.63	Input Power kW	0.10	0.17	0.29	0.38	0.48	0.64
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	60	63	66	66	77
225.	3.22	Input Power kW	0.08	0.15	0.26	0.34	0.43	0.55
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	59	60	62	66	66	77
265.	2.74	Input Power kW	0.06	0.08	0.15	0.24	0.31	0.50
		Output Torque Nm	149	194	382	663	841	1340
		Efficiency %	71	72	74	78	78	82
280.	2.59	Input Power kW	0.05	0.07	0.14	0.22	0.27	0.46
		Output Torque Nm	149	194	381	663	838	1340
		Efficiency %	71	72	73	78	78	82
315.	2.30	Input Power kW	0.06	0.12	0.19	0.24	0.30	0.40
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	58	59	61	64	65	76
360.	2.01	Input Power kW	0.05	0.10	0.17	0.22	0.28	0.37
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	58	59	61	64	64	75
400.	1.81	Input Power kW	0.04	0.05	0.10	0.17	0.21	0.34
		Output Torque Nm	149	192	379	663	833	1340
		Efficiency %	70	71	73	77	77	81
450.	1.61	Input Power kW	0.03	0.04	0.09	0.15	0.18	0.30
		Output Torque Nm	149	192	377	663	830	1340
		Efficiency %	70	71	73	77	77	81
500.	1.45	Input Power kW	0.04	0.07	0.12	0.16	0.20	0.26
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	63	75
560.	1.29	Input Power kW	0.04	0.07	0.11	0.14	0.18	0.24
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	59	62	63	74
800.	0.91	Input Power kW	0.03	0.05	0.08	0.11	0.14	0.17
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	56	57	59	61	62	74
900.	0.81	Input Power kW	0.02	0.04	0.07	0.09	0.12	0.16
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	56	57	59	61	61	73

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 480 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	60.00	Input Power kW	0.75	1.22	1.72	3.92	3.92	4.26	6.84	22.30	25.90
		Output Torque Nm	104	171	237	564	564	605	961	3270	3800
		Efficiency %	81	82	83	87	87	90	91	91	92
11.2	43.64	Input Power kW	0.61	1.00	1.72	3.16	3.16	4.26	6.84	18.30	25.90
		Output Torque Nm	111	186	329	632	632	833	1350	3660	5280
		Efficiency %	79	81	82	87	87	90	90	91	91
12.5	40.00	Input Power kW	0.55	0.88	1.72	2.93	2.93	4.26	6.84	17.00	25.90
		Output Torque Nm	115	186	360	656	656	933	1500	3800	5730
		Efficiency %	79	80	82	86	86	89	90	91	91
14.0	34.29	Input Power kW	0.51	0.83	1.58	2.65	2.72	4.26	6.84	15.80	25.90
		Output Torque Nm	119	196	375	663	680	1020	1660	3950	6490
		Efficiency %	79	80	82	86	86	89	90	91	91
16.0	30.00	Input Power kW	0.50	0.80	1.72	2.69	2.69	3.44	6.84	13.60	21.80
		Output Torque Nm	112	183	399	660	660	926	1830	3930	6430
		Efficiency %	68	70	72	77	77	85	86	86	87
18.0	26.67	Input Power kW	0.44	0.66	1.34	2.10	2.32	4.09	6.84	12.90	23.60
		Output Torque Nm	129	199	402	663	730	1270	2140	4130	7650
		Efficiency %	78	79	81	85	85	89	89	90	91
20.0	24.00	Input Power kW	0.42	0.64	1.21	1.86	2.13	3.75	6.82	11.70	22.40
		Output Torque Nm	133	207	408	663	757	1320	2390	4180	7840
		Efficiency %	78	79	81	85	85	89	89	90	91
22.0	21.82	Input Power kW	0.41	0.65	1.35	1.97	2.10	2.67	5.41	11.10	16.80
		Output Torque Nm	121	197	430	663	709	982	2030	4360	6830
		Efficiency %	67	69	71	75	75	84	85	85	87
25.0	19.20	Input Power kW	0.37	0.60	1.26	1.77	1.94	2.44	4.98	10.30	15.70
		Output Torque Nm	124	203	438	663	726	1000	2060	4520	6920
		Efficiency %	66	68	70	75	75	84	85	85	87
28.0	17.14	Input Power kW	0.34	0.55	1.14	1.59	1.78	2.26	4.58	9.58	14.20
		Output Torque Nm	128	209	449	663	744	1020	2100	4680	7070
		Efficiency %	66	67	70	74	74	84	85	85	86
32.0	15.00	Input Power kW	0.29	0.39	0.78	1.19	1.52	2.51	4.90	7.90	14.60
		Output Torque Nm	149	204	402	663	850	1340	2720	4390	8270
		Efficiency %	76	77	79	84	84	87	88	89	90
36.0	13.33	Input Power kW	0.30	0.47	0.96	1.27	1.50	1.83	3.74	8.07	11.60
		Output Torque Nm	139	224	473	663	782	1060	2200	5010	7400
		Efficiency %	65	66	69	73	73	82	84	84	86
40.0	12.00	Input Power kW	0.28	0.45	0.87	1.13	1.37	1.66	3.43	7.47	10.90
		Output Torque Nm	143	231	482	663	806	1090	2250	5160	7510
		Efficiency %	65	66	68	73	73	82	83	83	85
45.0	10.67	Input Power kW	0.22	0.29	0.51	0.85	1.09	1.78	3.47	5.82	11.20
		Output Torque Nm	149	202	369	663	850	1340	2620	4540	8620
		Efficiency %	75	76	78	83	83	86	87	88	89
50.0	9.60	Input Power kW	0.19	0.25	0.50	0.80	1.02	1.58	3.02	5.31	9.88
		Output Torque Nm	149	201	396	663	850	1340	2560	4580	8430
		Efficiency %	75	76	78	83	83	85	86	88	88
56.0	8.57	Input Power kW	0.21	0.36	0.65	0.84	1.08	1.33	2.67	5.92	8.15
		Output Torque Nm	149	261	482	663	850	1150	2380	5580	8050
		Efficiency %	63	65	67	71	71	81	82	82	84
63.0	7.62	Input Power kW	0.19	0.33	0.58	0.73	0.94	1.19	2.37	5.23	7.39
		Output Torque Nm	149	273	482	663	850	1180	2450	5580	8220
		Efficiency %	63	64	66	70	70	81	82	81	84
71.0	6.76	Input Power kW	0.14	0.18	0.35	0.55	0.71	1.15	2.40	3.91	7.22
		Output Torque Nm	149	199	391	663	850	1340	2840	4710	8700
		Efficiency %	74	75	77	81	81	85	85	87	88
80.0	6.00	Input Power kW	0.12	0.15	0.31	0.51	0.65	1.06	2.09	3.57	6.31
		Output Torque Nm	149	185	385	663	850	1340	2700	4750	8710
		Efficiency %	74	74	76	81	81	84	85	87	87
90.0	5.33	Input Power kW	0.14	0.26	0.41	0.53	0.68	0.89	1.84	3.76	5.74
		Output Torque Nm	149	278	482	663	850	1250	2570	5580	8630
		Efficiency %	62	63	65	69	69	80	80	80	83
100.	4.80	Input Power kW	0.12	0.22	0.38	0.50	0.64	0.81	1.67	3.40	5.27
		Output Torque Nm	149	278	482	663	850	1270	2620	5580	8770
		Efficiency %	61	62	65	68	68	79	80	80	82
112.	4.29	Input Power kW	0.08	0.08	0.23	0.38	0.41	0.71	1.87	2.69	4.62
		Output Torque Nm	125	126	372	663	724	1240	3210	4850	8550
		Efficiency %	73	73	76	80	80	84	84	85	86
125.	3.84	Input Power kW	0.06	0.06	0.17	0.26	0.26	0.53	1.45	2.42	3.92
		Output Torque Nm	121	121	319	513	513	1010	2850	4890	7760
		Efficiency %	73	73	75	80	80	83	84	85	86
140.	3.43	Input Power kW	0.09	0.16	0.27	0.35	0.45	0.59	1.20	2.45	3.77
		Output Torque Nm	149	278	482	663	850	1270	2620	5580	8810
		Efficiency %	60	61	63	67	67	78	79	78	81
160.	3.00	Input Power kW	0.08	0.15	0.24	0.32	0.41	0.54	1.10	2.23	3.29
		Output Torque Nm	149	278	482	663	850	1270	2620	5580	8800
		Efficiency %	60	61	63	66	66	78	78	78	81
212.	2.26	Input Power kW	0.06	0.08	0.19	0.24	0.31	0.40	0.83	1.64	2.46
		Output Torque Nm	149	195	482	663	850	1260	2610	5580	8770
		Efficiency %	59	60	62	65	65	76	78	77	79
250.	1.92	Input Power kW	0.05	0.06	0.16	0.22	0.26	0.36	0.72	1.47	2.30
		Output Torque Nm	149	187	482	663	806	1260	2610	5580	8760
		Efficiency %	58	59	62	65	65	76	77	76	79

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 480 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	4.80	Input Power kW	0.10	0.13	0.25	0.40	0.52	0.83
		Output Torque Nm	149	197	387	663	850	1340
		Efficiency %	72	73	75	80	80	83
118.	4.07	Input Power kW	0.09	0.11	0.22	0.36	0.46	0.72
		Output Torque Nm	149	196	386	663	850	1340
		Efficiency %	72	73	75	80	80	83
132.	3.64	Input Power kW				0.39	0.49	
		Output Torque Nm				663	850	
		Efficiency %				66	67	
150.	3.20	Input Power kW				0.34	0.44	
		Output Torque Nm				663	850	
		Efficiency %				66	66	
160.	3.00	Input Power kW	0.06	0.08	0.16	0.25	0.32	0.51
		Output Torque Nm	149	194	383	663	842	1340
		Efficiency %	71	72	74	79	79	82
180.	2.67	Input Power kW	0.06	0.07	0.14	0.23	0.29	0.48
		Output Torque Nm	149	194	382	663	840	1340
		Efficiency %	71	72	74	78	79	82
200.	2.40	Input Power kW	0.06	0.12	0.20	0.26	0.33	0.43
		Output Torque Nm	149	278	482	663	850	1270
		Efficiency %	58	60	62	65	65	77
225.	2.13	Input Power kW	0.06	0.10	0.17	0.23	0.29	0.37
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	58	59	61	64	65	76
265.	1.81	Input Power kW	0.04	0.05	0.10	0.16	0.20	0.33
		Output Torque Nm	149	192	379	663	832	1340
		Efficiency %	70	71	73	77	77	81
280.	1.71	Input Power kW	0.04	0.05	0.09	0.14	0.18	0.30
		Output Torque Nm	149	192	378	663	830	1340
		Efficiency %	70	71	73	77	77	81
315.	1.52	Input Power kW	0.04	0.08	0.13	0.16	0.21	0.26
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	61	63	63	75
360.	1.33	Input Power kW	0.04	0.07	0.11	0.15	0.19	0.25
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	63	75
400.	1.20	Input Power kW	0.03	0.03	0.06	0.11	0.14	0.23
		Output Torque Nm	149	190	375	663	825	1340
		Efficiency %	70	70	72	77	77	80
450.	1.07	Input Power kW	0.02	0.03	0.06	0.10	0.12	0.20
		Output Torque Nm	149	190	374	663	823	1340
		Efficiency %	70	70	72	76	77	80
500.	0.96	Input Power kW	0.03	0.05	0.08	0.11	0.14	0.17
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	56	57	59	62	61	74
560.	0.86	Input Power kW	0.02	0.04	0.07	0.09	0.12	0.16
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	56	57	59	61	61	74
800.	0.60	Input Power kW	0.02	0.03	0.05	0.07	0.09	0.12
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	55	56	58	61	61	73
900.	0.53	Input Power kW	0.02	0.03	0.05	0.06	0.08	0.10
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	55	56	58	60	60	73

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 250 REV/MIN INPUT

9907

DOUBLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT								
			C03	C04	C05	C06 Std	C06 Heavy	C07	C08	C09	C10
8.0	31.25	Input Power kW	0.47	0.64	0.90	2.20	2.20	2.22	3.56	13.50	13.50
		Output Torque Nm	121	166	231	595	595	594	944	3730	3740
		Efficiency %	79	79	81	86	86	89	89	90	91
11.2	22.73	Input Power kW	0.39	0.52	0.90	1.76	2.04	2.22	3.56	11.10	13.50
		Output Torque Nm	135	181	321	663	769	818	1330	4210	5190
		Efficiency %	78	79	81	85	85	88	89	90	90
12.5	20.83	Input Power kW	0.36	0.46	0.90	1.58	1.89	2.22	3.56	10.10	13.50
		Output Torque Nm	141	181	352	663	793	916	1470	4260	5630
		Efficiency %	77	78	80	84	84	88	88	90	90
14.0	17.86	Input Power kW	0.34	0.43	0.90	1.41	1.74	2.22	3.56	9.15	13.50
		Output Torque Nm	148	191	398	663	817	1000	1630	4320	6380
		Efficiency %	77	78	80	84	84	87	88	89	90
16.0	15.63	Input Power kW	0.32	0.50	0.90	1.47	1.65	2.06	3.56	8.93	13.00
		Output Torque Nm	131	210	382	663	746	1030	1780	4810	7180
		Efficiency %	66	67	70	73	73	83	84	84	86
18.0	13.89	Input Power kW	0.27	0.34	0.72	1.12	1.43	2.22	3.56	7.34	12.90
		Output Torque Nm	149	194	400	663	850	1300	2100	4430	7890
		Efficiency %	76	77	79	84	84	87	88	89	89
20.0	12.50	Input Power kW	0.25	0.33	0.63	0.99	1.27	2.02	3.56	6.66	11.80
		Output Torque Nm	149	202	399	663	850	1340	2350	4480	7740
		Efficiency %	76	77	79	83	83	87	87	88	89
22.0	11.36	Input Power kW	0.27	0.42	0.82	1.07	1.32	1.60	3.25	7.16	10.10
		Output Torque Nm	146	234	482	663	816	1100	2280	5230	7660
		Efficiency %	64	65	68	72	72	82	83	83	85
25.0	10.00	Input Power kW	0.24	0.39	0.75	0.96	1.23	1.46	3.00	6.61	9.46
		Output Torque Nm	149	245	482	663	845	1130	2320	5380	7780
		Efficiency %	64	65	68	72	72	82	83	83	85
28.0	8.93	Input Power kW	0.22	0.36	0.67	0.86	1.11	1.36	2.76	6.08	8.57
		Output Torque Nm	149	256	482	663	850	1140	2370	5530	7960
		Efficiency %	64	65	67	71	71	81	83	82	84
32.0	7.81	Input Power kW	0.16	0.21	0.41	0.63	0.81	1.33	3.02	4.44	7.58
		Output Torque Nm	149	200	393	663	850	1340	3150	4660	8130
		Efficiency %	75	76	77	82	82	86	86	87	88
36.0	6.94	Input Power kW	0.17	0.31	0.53	0.69	0.89	1.10	2.25	4.82	6.95
		Output Torque Nm	149	278	482	663	850	1200	2470	5580	8320
		Efficiency %	63	64	66	70	70	81	82	81	84
40.0	6.25	Input Power kW	0.16	0.29	0.47	0.61	0.79	0.99	2.05	4.34	6.54
		Output Torque Nm	149	278	482	663	850	1220	2510	5580	8420
		Efficiency %	62	64	66	70	70	80	81	81	83
45.0	5.56	Input Power kW	0.12	0.15	0.26	0.45	0.58	0.94	1.81	3.25	5.82
		Output Torque Nm	149	198	362	663	850	1340	2570	4780	8480
		Efficiency %	74	75	77	81	81	84	85	86	87
50.0	5.00	Input Power kW	0.10	0.13	0.26	0.42	0.54	0.84	1.57	2.96	5.14
		Output Torque Nm	149	197	388	663	850	1340	2510	4820	8290
		Efficiency %	73	74	76	81	81	84	85	86	87
56.0	4.46	Input Power kW	0.11	0.21	0.35	0.46	0.59	0.78	1.57	3.18	4.77
		Output Torque Nm	149	278	482	663	850	1270	2630	5580	8830
		Efficiency %	61	62	65	68	68	79	80	80	82
63.0	3.97	Input Power kW	0.10	0.18	0.31	0.40	0.51	0.69	1.36	2.81	4.23
		Output Torque Nm	149	278	482	663	850	1270	2620	5580	8820
		Efficiency %	61	62	64	68	68	79	79	79	82
71.0	3.52	Input Power kW	0.07	0.09	0.18	0.29	0.38	0.61	1.25	2.16	3.76
		Output Torque Nm	149	195	384	663	846	1340	2800	4930	8560
		Efficiency %	73	73	75	80	80	83	84	85	86
80.0	3.13	Input Power kW	0.07	0.08	0.16	0.27	0.34	0.56	1.09	1.97	3.28
		Output Torque Nm	149	182	378	663	843	1340	2660	4950	8570
		Efficiency %	72	73	75	80	79	83	84	85	86
90.0	2.78	Input Power kW	0.08	0.14	0.22	0.29	0.37	0.48	1.00	2.01	3.12
		Output Torque Nm	149	278	482	663	850	1270	2610	5580	8790
		Efficiency %	60	61	63	66	66	78	78	78	81
100.	2.50	Input Power kW	0.06	0.12	0.20	0.27	0.35	0.43	0.89	1.82	2.82
		Output Torque Nm	149	278	482	663	850	1270	2610	5580	8780
		Efficiency %	59	60	63	66	66	78	78	78	80
112.	2.23	Input Power kW	0.04	0.04	0.12	0.20	0.21	0.37	0.97	1.48	2.41
		Output Torque Nm	123	124	381	663	712	1220	3160	5040	8420
		Efficiency %	72	72	74	79	79	82	83	84	85
125.	2.00	Input Power kW	0.03	0.03	0.09	0.14	0.14	0.28	0.76	1.30	2.04
		Output Torque Nm	119	120	314	505	505	997	2810	4980	7640
		Efficiency %	72	72	74	78	78	82	82	84	85
140.	1.79	Input Power kW	0.05	0.09	0.15	0.19	0.24	0.31	0.64	1.31	2.00
		Output Torque Nm	149	278	482	663	850	1260	2600	5580	8750
		Efficiency %	58	59	61	65	65	76	77	76	79
160.	1.56	Input Power kW	0.04	0.08	0.13	0.17	0.22	0.29	0.58	1.19	1.74
		Output Torque Nm	149	278	482	663	850	1260	2600	5580	8740
		Efficiency %	58	59	61	64	64	76	77	76	79
212.	1.18	Input Power kW	0.03	0.04	0.10	0.13	0.17	0.21	0.44	0.88	1.30
		Output Torque Nm	149	190	482	663	850	1260	2600	5580	8720
		Efficiency %	57	58	60	63	63	75	76	75	78
250.	1.00	Input Power kW	0.03	0.03	0.09	0.12	0.14	0.19	0.38	0.79	1.22
		Output Torque Nm	149	183	482	663	781	1260	2590	5580	8710
		Efficiency %	57	58	60	62	63	75	75	74	77

Input mechanical rating exceeds thermal capacity, check thermal power page 108

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

RATINGS AT 250 REV/MIN INPUT

9907

TRIPLE REDUCTION

Nominal Ratio	Nominal Output Speed Rev/Min	CAPACITY	SIZE OF UNIT					
			C03	C04	C05	C06 Std	C06 Heavy	C07
100.	2.50	Input Power kW	0.05	0.07	0.13	0.21	0.27	0.44
		Output Torque Nm	149	193	381	663	838	1340
		Efficiency %	71	72	74	78	79	82
118.	2.12	Input Power kW	0.05	0.06	0.11	0.19	0.24	0.38
		Output Torque Nm	149	193	380	663	835	1340
		Efficiency %	71	72	74	78	78	82
132.	1.89	Input Power kW				0.21	0.27	
		Output Torque Nm				663	850	
		Efficiency %				64	64	
150.	1.67	Input Power kW				0.18	0.24	
		Output Torque Nm				663	850	
		Efficiency %				64	64	
160.	1.56	Input Power kW	0.03	0.04	0.08	0.13	0.17	0.27
		Output Torque Nm	149	191	377	663	828	1340
		Efficiency %	71	71	73	77	77	81
180.	1.39	Input Power kW	0.03	0.04	0.07	0.12	0.15	0.25
		Output Torque Nm	149	191	376	663	827	1340
		Efficiency %	70	71	73	77	77	81
200.	1.25	Input Power kW	0.03	0.06	0.10	0.14	0.18	0.23
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	63	63	75
225.	1.11	Input Power kW	0.03	0.05	0.09	0.12	0.16	0.20
		Output Torque Nm	149	278	482	663	850	1260
		Efficiency %	57	58	60	62	62	75
265.	0.94	Input Power kW	0.02	0.03	0.05	0.09	0.11	0.18
		Output Torque Nm	149	190	374	663	821	1340
		Efficiency %	70	70	72	76	76	80
280.	0.89	Input Power kW	0.02	0.02	0.05	0.08	0.09	0.16
		Output Torque Nm	149	189	373	663	819	1340
		Efficiency %	69	70	72	76	76	80
315.	0.79	Input Power kW	0.02	0.04	0.07	0.09	0.11	0.14
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	56	57	59	61	62	74
360.	0.69	Input Power kW	0.02	0.04	0.06	0.08	0.10	0.13
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	56	57	59	61	61	74
400.	0.63	Input Power kW	0.01	0.02	0.03	0.06	0.07	0.12
		Output Torque Nm	149	188	371	663	814	1340
		Efficiency %	69	70	72	76	76	80
450.	0.56	Input Power kW	0.01	0.02	0.03	0.05	0.06	0.11
		Output Torque Nm	149	188	370	663	813	1340
		Efficiency %	69	69	71	75	76	79
500.	0.50	Input Power kW	0.01	0.03	0.04	0.06	0.07	0.09
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	55	56	58	60	60	73
560.	0.45	Input Power kW	0.01	0.02	0.04	0.05	0.06	0.08
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	55	56	58	60	60	73
800.	0.31	Input Power kW	0.009	0.02	0.03	0.04	0.05	0.06
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	55	55	57	59	59	72
900.	0.28	Input Power kW	0.008	0.01	0.02	0.03	0.04	0.05
		Output Torque Nm	149	278	482	663	850	1250
		Efficiency %	54	55	57	59	59	72

Size C06
Column 11 Entry

Standard duty - C or D

Heavy duty - J or K

For shaft mount unit H use heavy duty ratings

THERMAL POWER RATING

0002

Thermal Ratings kW

Thermal ratings are a measure of the units ability to dissipate heat, if they are exceeded the lubricant may break down resulting in premature gear failure.

The ratings listed below are true for horizontal mounting positions A, B or C running continuosly with an ambient temperature equal to 20°C. For other mounting positions, ambients and units operating intermitently multiply thermal power ratings by factors Ft, Fp and Fd as appropriate.

Table 1. Thermal Power (kW)

Overall Ratios	Input Rev/min	Unit Size							
		C03	C04	C05	C06	C07	C08	C09	C10
8 to 14	2900	2.80	3.85	4.69	5.1	Consult Textron Power Transmission			
	1750	1.98	3.26	4.85	5.27				
	1450	1.73	2.85	4.41	4.46	5.71	9.53	18.2	32.5
	1160	1.45	2.40	3.89	3.91	5.71	9.53	11.5	27.7
	960	1.24	2.10	3.45	3.50	5.71	9.53	11.2	24.6
	725	1.07	1.69	2.70	2.79	5.31	9.02	10.0	20.6
	480	0.74	1.22	1.93	1.99	4.11	7.12	9.85	14.6
	250	0.47	0.63	1.09	1.12	2.36	4.19	5.68	8.24
16 to 28	2900	1.70	2.76	3.07	3.73	Consult Textron Power Transmission			
	1750	1.28	2.03	3.48	3.53	5.01	7.79	13.6	22.5
	1450	1.09	1.62	3.18	3.20	4.95	7.41	12.9	19.4
	1160	0.92	1.37	2.78	2.80	4.81	7.27	11.8	17.0
	960	0.83	1.26	2.45	2.49	4.48	6.91	10.7	14.9
	725	0.67	0.96	1.97	2.02	3.96	6.91	8.71	12.4
	480	0.47	0.66	1.64	1.66	2.90	4.87	6.50	8.78
	250	0.28	0.35	0.89	0.92	1.74	2.95	3.99	4.93
32 to 71	2900	1.22	2.15	3.20	4.41	7.26	9.64	18.6	36.1
	1750	0.84	1.44	2.35	3.70	5.44	7.35	13.0	23.3
	1450	0.69	1.15	2.05	3.26	4.88	7.32	11.6	20.1
	1160	0.57	0.95	1.72	2.79	4.44	7.06	10.9	16.6
	960	0.51	0.85	1.55	2.43	3.97	6.47	8.76	14.1
	725	0.40	0.66	1.18	1.78	3.53	5.15	7.25	11.0
	480	0.33	0.45	0.87	1.28	2.50	3.70	5.37	7.53
	250	0.18	0.30	0.54	0.70	1.33	2.25	2.97	4.07

Table 2. Thermal service factor Ft

Thermal service factor for ambient temperature

Ambient temperature °C	-30	-20	-10	0	10	20	30	40	50
Factor	1.68	1.55	1.41	1.27	1.14	1.0	0.84	0.68	0.50

Table 3. Thermal service factor Fp

Thermal service factor for mounting positions

Unit Output Speed (Rev / min)	Mounting Position				
	ABC	DEF	GHJ KMN	PST	WXY
0 to 25	1.00	0.996	0.997	0.995	0.993
>25 to 50	1.00	0.990	0.993	0.986	0.982
>50 to 75	1.00	0.981	0.987	0.974	0.968
>75 to 100	1.00	0.970	0.980	0.960	0.950
>100 to 200	1.00	0.914	0.943	0.886	0.858
>200 to 300	1.00	0.844	0.896	0.792	0.840
>300 to 400	1.00	0.760	0.840	0.680	0.600
>400	1.00	0.724	0.809	0.618	0.533

Table 4. Thermal service factor Fd

Thermal service factor for duration of running

Unit Output Speed (Rev / min)	% Running time per hour				
	100	80	60	40	20
0 to 10	1.00	1.18	1.45	1.72	2.38
>10 to 25	1.00	1.16	1.39	1.64	2.22
>25 to 50	1.00	1.14	1.31	1.54	2.00
>50 to 100	1.00	1.08	1.19	1.33	1.64
>100 to 150	1.00	1.04	1.08	1.19	1.41
>150 to 200	1.00	1.00	1.00	1.06	1.23
>200	1.00	1.00	1.00	1.00	1.00

Table 5. Thermal Power (kW) with cooling fan

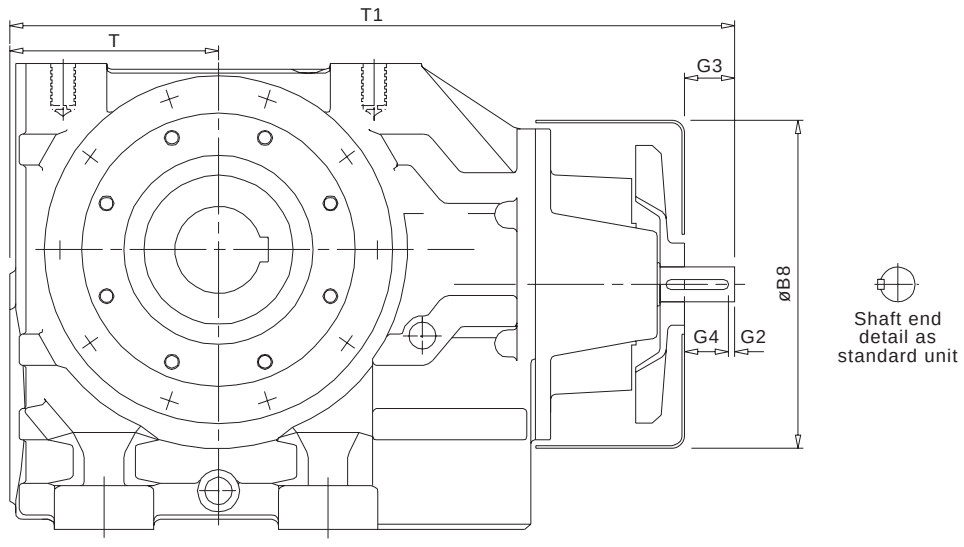
Overall Ratios	Input Rev/min	Unit Size							
		C03	C04	C05	C06	C07	C08	C09	C10
8 to 14	2900	-	-	-	-	Consult Textron Power Transmission			
	1750	-	-	-	-				
	1450	-	-	-	-	11.4	19.1	36.4	65.0
	1160	-	-	-	-	10.6	17.6	22.5	52.2
	960	-	-	-	-	10.0	16.7	19.6	43.0
	725	-	-	-	-	8.00	13.5	15.0	30.9
16 to 28	2900	-	-	-	-	Consult Textron Power Transmission			
	1750	-	-	-	-	11.3	17.7	30.9	51.2
	1450	-	-	-	-	11.2	17.5	30.6	50.6
	1160	-	-	-	-	9.90	14.8	25.8	38.8
	960	-	-	-	-	8.90	13.4	21.8	31.5
	725	-	-	-	-	7.84	12.1	18.7	26.1

Note: When checking thermal capacities use actual load required to be transmitted, not rating of prime mover.

Column 10 Entry

For reducer fan kit modules enter [S] in column 10
(or [Y] if used in conjunction with a reducer backstop module kit)

Dimensions of Fan Cooled Units



Unit Size	Moment of Inertia * (Kg cm²)	øB8	G2	G3	G4	T	T1
C0720	13.1	225	5	35	30	143	478
C0820	13.1	265	5	45	40	168	583
C0920	33.5	320	5	65	60	195	690
C1020	33.5	380	10	95	85	235	823

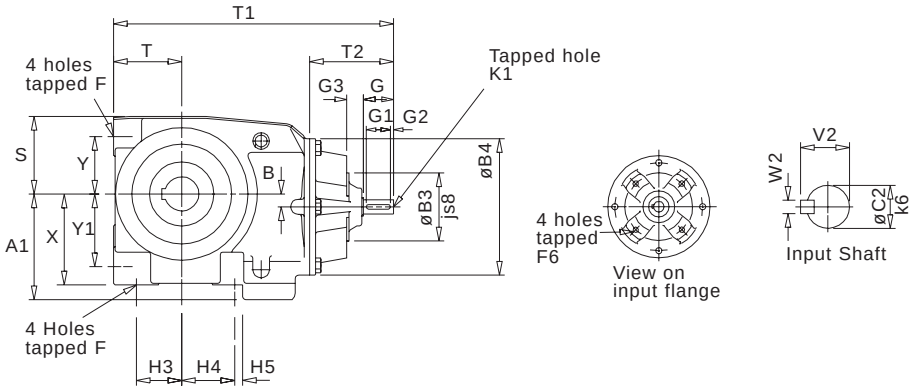
* Moment of Inertia of fan should be added to inertia value of gear unit on page 90.

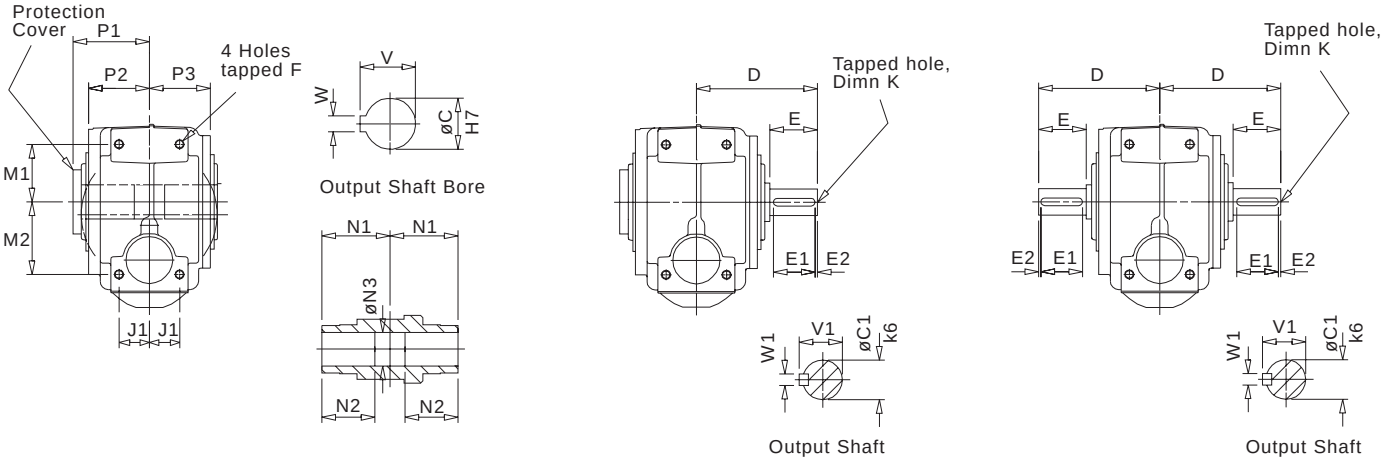
DIMENSIONS DOUBLE REDUCTION

9701

C	0		2	0				W	R

STANDARD UNIT DOUBLE REDUCTION





SIZE	A1	B	B3	B4	C	C1	C2	D	E	E1	E2	F	F6	G	G1	G2	G3	H3	H4	H5	J1
C0320	79.5	5.3	65	140	20	20	16	100	35	31	3	M8x1.25 15 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	35	28	15.5	27
C0420	93	15	65	140	30	25	16	115	46	42	3	M10x1.5 20 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	35	45	11	28
C0520	112	13	65	140	35	30	16	134	60	53	3	M10x1.5 18 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	45	55	12	34
C0620 Std	139.5	17	90	180	45	35	19	160	63	55	3	M12x1.75 20 deep	M10x1.5 17 deep, 115 pcd	40	32	4	22	56	66	13	40
C0620 HD	139.5	17	90	180	45	45	19	195	98	80	5	M12x1.75 20 deep	M10x1.5 17 deep, 115 pcd	40	32	4	22	56	66	13	40

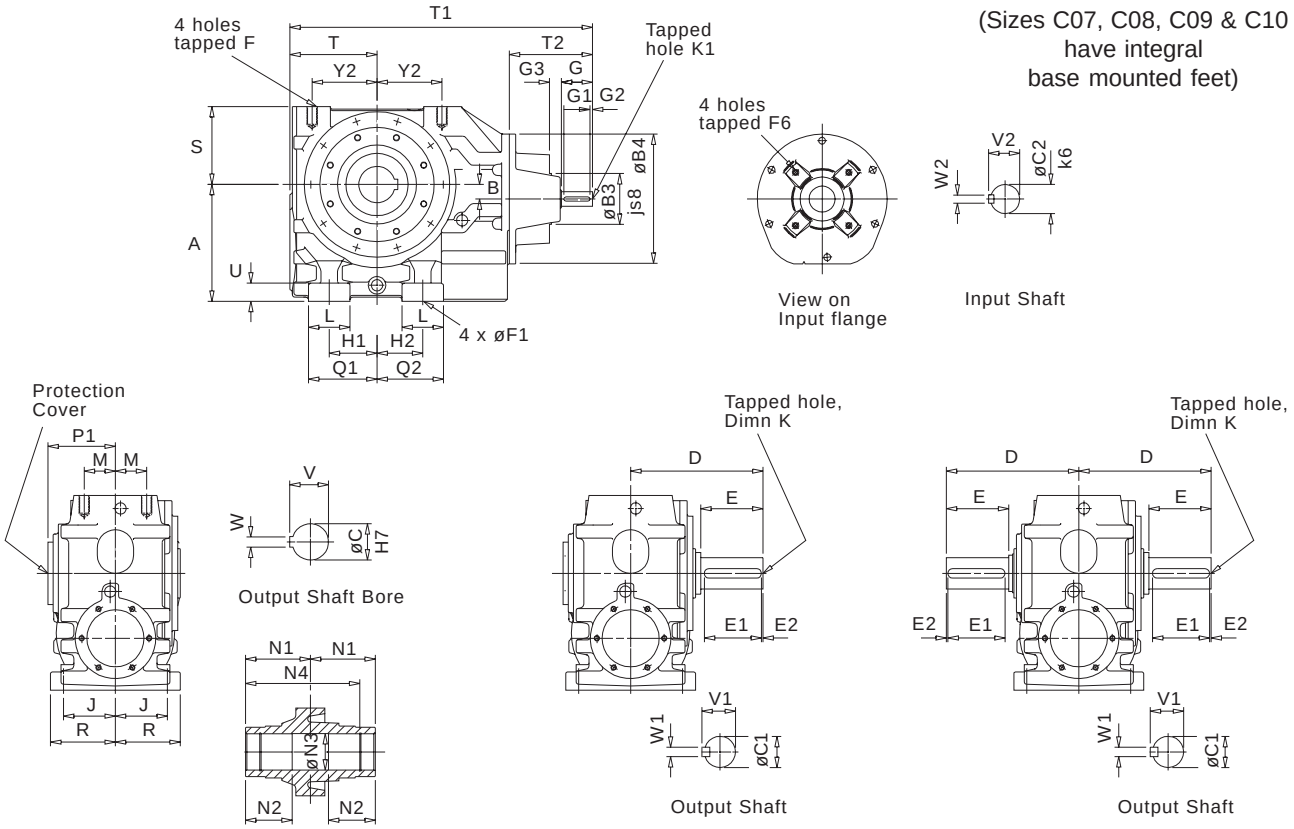
SIZE	K	K1	M1	M2	N1	N2	N3	P1	P2	P3	S	T	T1	T2	V	V1	V2	W	W1	W2	X	Y	Y1
C0320	M6x1.0 16 deep	M5x0.8 12.5 deep	40	40	62	52	20.2	70	61	57	68	54	274	111	22.9	22.5	18	6	6	5	71	40	40
C0420	M10x1.5 22 deep	M5x0.8 12.5 deep	53	65	65	54	30.2	74.5	65.5	65	75	64	293	111	33.5	28	18	8	8	5	86	53	65
C0520	M10x1.5 22 deep	M5x0.8 12.5 deep	65	77	70	56	35.3	79	70	70	88	68	313	111	38.5	33	18	10	8	5	96	65	77
C0620 Std	M12x1.75 22 deep	M6x1.0 16 deep	76	96	90	70	45.3	101	90	90.5	103	90	370	111	49	38	21.5	14	10	6	120	76	96
C0620 HD	M16x2.0 36 deep	M6x1.0 16 deep	76	96	90	70	45.3	101	90	90.5	103	90	370	111	49	48.5	21.5	14	14	6	120	76	96

DIMENSIONS DOUBLE REDUCTION

9701

C			2	0				B	R

STANDARD UNIT DOUBLE REDUCTION



SIZE	A	B	B3	B4	C	C1	C2	D	E	E1	E2	F	F1	F6	G	G1	G2	G3	H1	H2	J	K
C0720	180	26	98	212	60	45 k6	24	195	76	70	3	M20x2.5 34 deep	18	M12x1.75 20 deep 145 pcd	50	40	5	23	75	60	75	M16x2 36 deep
C0820	225	28	98	250	70	60 m6	28	255	120	110	3	M20x2.5 34 deep	22	M12x1.75 20 deep 145 pcd	60	50	5	23	92	88	100	M20x2.5 42 deep
C0920	280	40	125	300	90	70 m6	38	295	135	125	3	M24x3 45 deep	26	M16x2 30 deep 175 pcd	80	70	5	23	115	120	125	M20x2.5 42 deep
C1020	335	65	155	360	100	90 m6	42	366	170	160	3	M24x3 45 deep	26	M20x2.5 36 deep 210 pcd	110	70	10	34	170	140	150	M24x3 50 deep

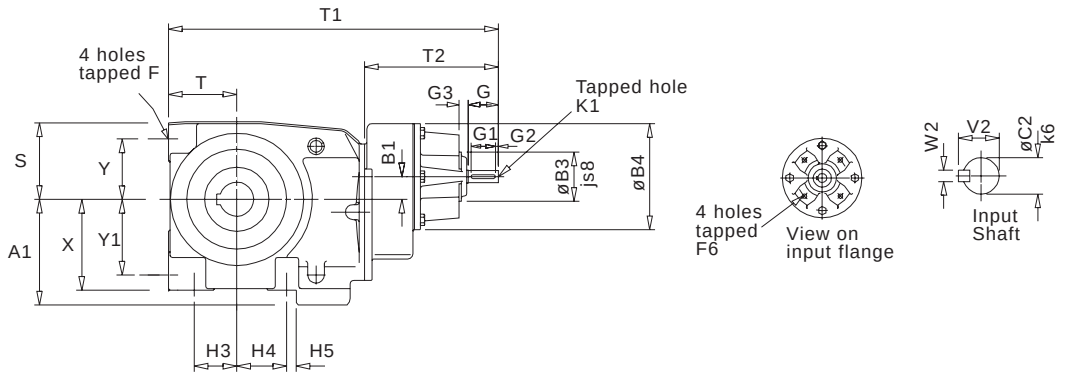
SIZE	K1	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	T1	T2	U	V	V1	V2	W	W1	W2	Y2
C0720	M8x1.25 19 deep	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	478	115	28	64.6	48.5	27	18	14	8	107.5
C0820	M10x1.5 22 deep	80	60	125	90	70.5	220	143	132	128	125	150	168	583	160	35	75.1	64	31	20	18	8	125
C0920	M12x1.75 28 deep	85	67.5	150	107.5	90.5	265	169	157.5	162.5	152.5	177	195	690	195	40	95.6	74.5	41	25	20	10	145
C1020	M16x2 36 deep	110	75	175	132.5	100.5	313	198	225	195	180	230	235	823	233	45	106.6	95	45	28	25	12	172.5

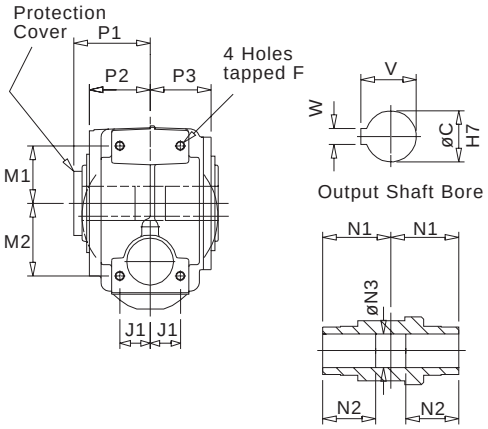
DIMENSIONS TRIPLE REDUCTION

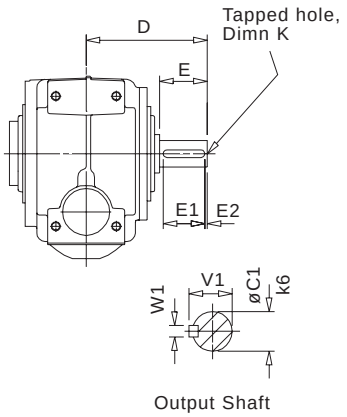
9701

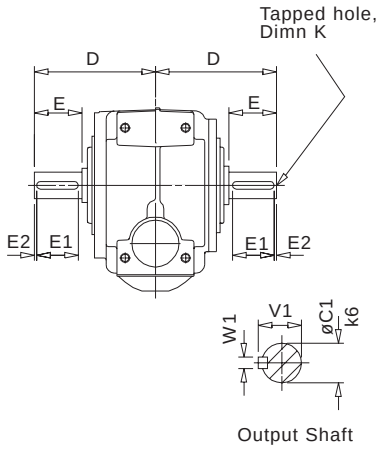
C	0		3	0				W	R

STANDARD UNIT TRIPLE REDUCTION









SIZE	A1	B1	B3	B4	C	C1	C2	D	E	E1	E2	F	F6	G	G1	G2	G3	H3	H4	H5	J1
C0330	79.5	30.75	65	140	20	20	16	100	35	31	3	M8x1.25 15 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	35	28	15.5	27
C0430	93	21.2	65	140	30	25	16	115	46	42	3	M10x1.5 20 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	35	45	11	28
C0530	112	23	65	140	35	30	16	134	60	53	3	M10x1.5 18 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	45	55	12	34
C0630 Std	139.5	30	65	140	45	35	16	160	63	55	3	M12x1.75 20 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	56	66	13	40
C0630 HD	139.5	30	65	140	45	45	16	195	98	80	5	M12x1.75 20 deep	M8x1.25 16 deep, 90 pcd	40	32	4	12	56	66	13	40

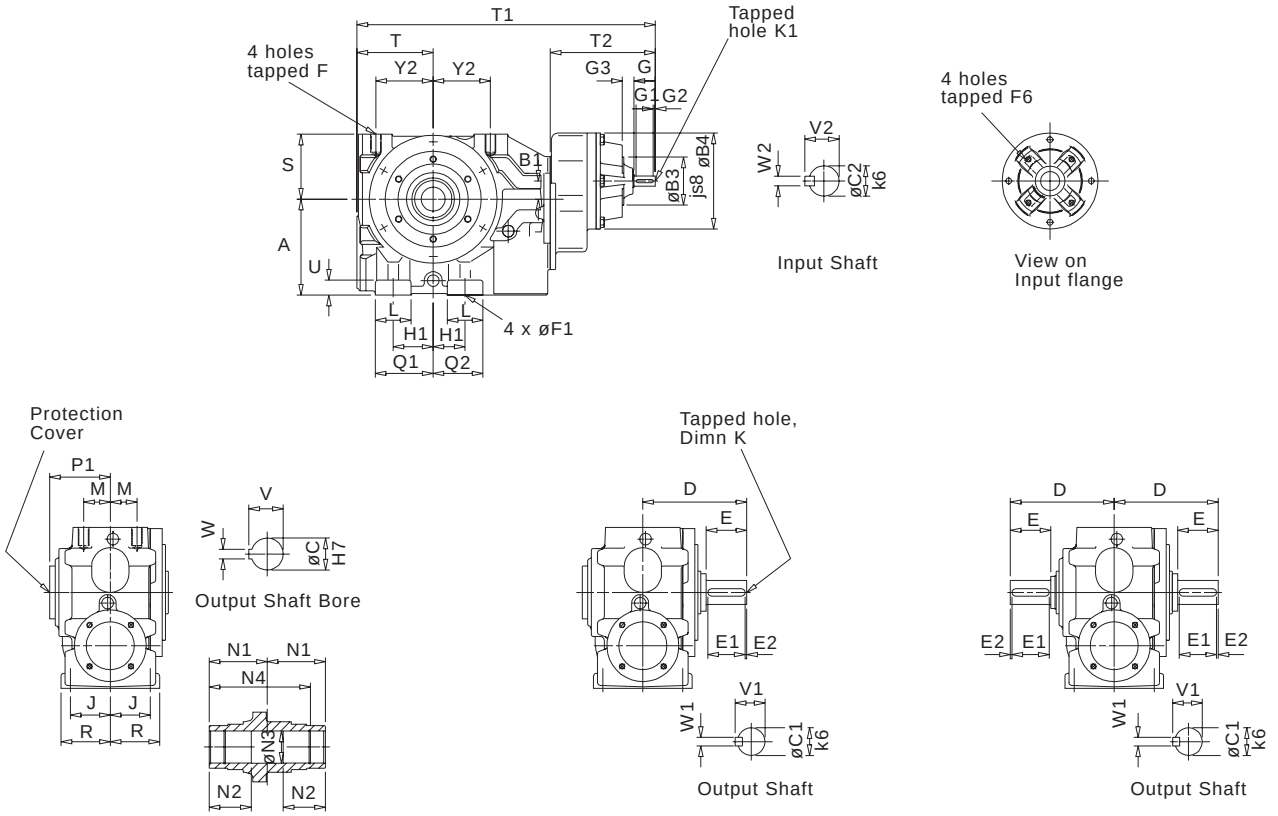
SIZE	K	K1	M1	M2	N1	N2	N3	P1	P2	P3	S	T	T1	T2	V	V1	V2	W	W1	W2	X	Y	Y1
C0330	M6x1.0 16 deep	M5x0.8 12.5 deep	40	40	62	52	20.2	70	61	57	68	54	330	167	22.9	22.5	18	6	6	5	71	40	40
C0430	M10x1.5 22 deep	M5x0.8 12.5 deep	53	65	65	54	30.2	74.5	65.5	65	75	64	349	167	33.5	28	18	8	8	5	86	53	65
C0530	M10x1.5 22 deep	M5x0.8 12.5 deep	65	77	70	56	35.3	79	70	70	88	68	369	167	38.5	33	18	10	8	5	96	65	77
C0630 Std	M12x1.75 22 deep	M5x0.8 12.5 deep	76	96	90	70	45.3	101	90	90.5	103	90	436	177	49	38	18	14	10	5	120	76	96
C0630 HD	M16x2.0 36 deep	M5x0.8 12.5 deep	76	96	90	70	45.3	101	90	90.5	103	90	436	177	49	48.5	18	14	14	5	120	76	96

DIMENSIONS TRIPLE REDUCTION

9701

C	0	7	3	0				B	R

STANDARD UNIT TRIPLE REDUCTION



SIZE	A	B1	B3	B4	C	C1	C2	D	E	E1	E2	F	F1	F6	G	G1	G2	G3	H1	H2	J
C0730	180	34	78	180	60	45	19	195	76	70	3	M20x2.5 34 deep	18	M10x1.5 17 deep, 115 pcd	40	32	4	22	75	60	75

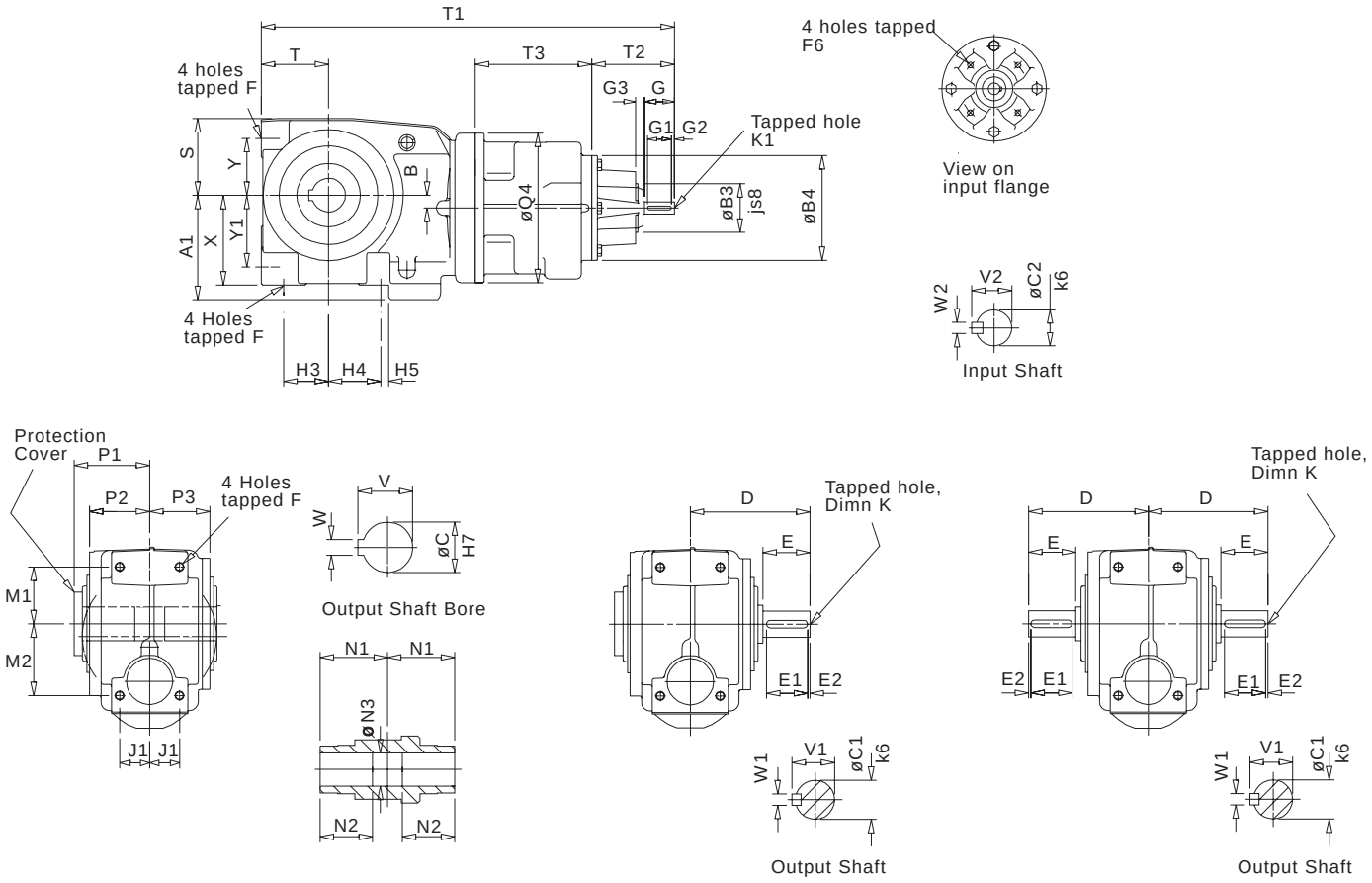
SIZE	K	K1	L	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	T1	T2	U	V	V1	V2	W	W1	W2
C0730	M16x2 36 deep	M6x1 16 deep	67	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	560	197	28	64.6	48.5	21.5	18	14	6

DIMENSIONS QUADRUPLE REDUCTION

9701

C	0	6	4	0				W	R

STANDARD UNIT QUADRUPLE REDUCTION



SIZE	A1	B	B3	B4	C	C1	C2	D	E	E1	E2	F	F6	G	G1	G2	G3	H3	H4	H5	J1	K
C0640 Std	139.5	17	65	140	45	35	16	160	63	55	3	M12x1.75 20 deep	M8x1.25 16 deep 90 pcd	40	32	4	12	56	66	13	40	M12x1.75 22 deep
C0640 HD	139.5	17	65	140	45	45	16	195	98	80	5	M12x1.75 20 deep	M8x1.25 16 deep 90 pcd	40	32	4	12	56	66	13	40	M16x2.0 36 deep

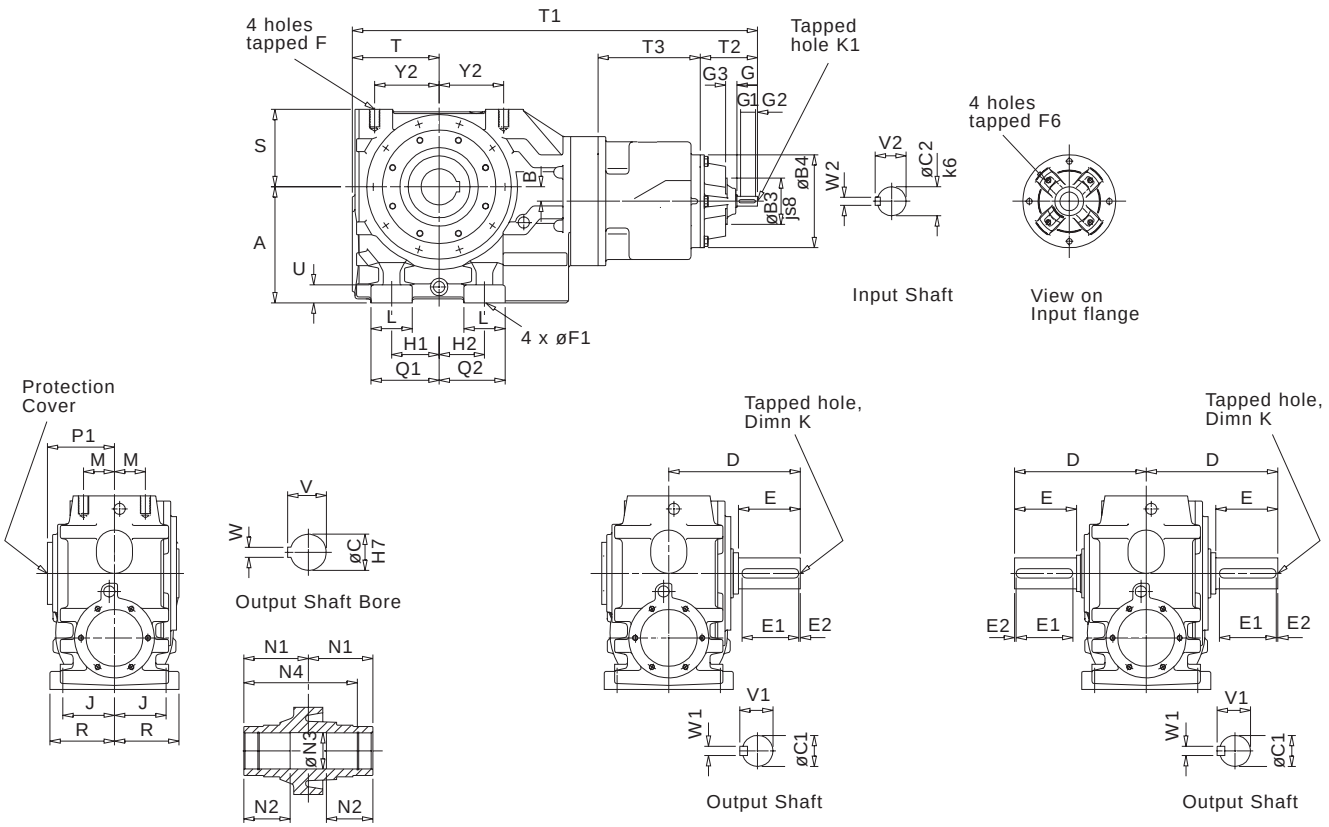
SIZE	K1	M1	M2	N1	N2	N3	P1	P2	P3	Q4	S	T	T1	T2	T3	V	V1	V2	W	W1	W2	X	Y	Y1
C0640 Std	M5x0.8 12.5 deep	76	96	90	70	45.3	101	90	90.5	200	103	90	533	111	156	49	38	18	14	10	5	120	76	96
C0640 HD	M5x0.8 12.5 deep	76	96	90	70	45.3	101	90	90.5	200	103	90	533	111	156	49	48.5	18	14	14	5	120	76	96

DIMENSIONS QUADRUPLE REDUCTION

9701

C			4	0				B	R

STANDARD UNIT QUADRUPLE REDUCTION



SIZE	A	B	B3	B4	C	C1	C2	D	E	E1	E2	F	F1	F6	G	G1	G2	G3	H1	H2	J	K
C0740	180	26	65	140	60	45 k6	16	195	76	70	3	M20x2.5 34 deep	18	M8x1.25 16 deep 90 pcd	40	32	4	12	75	60	75	M16x2 36 deep
C0840	225	28	78	180	70	60 m6	19	255	120	110	3	M20x2.5 34 deep	22	M10x1.5 17 deep 115 pcd	40	32	4	22	92	88	100	M20x2.5 42 deep
C0940	280	40	78	180	90	70 m6	19	295	135	125	3	M24x3 45 deep	26	M10x1.5 17 deep 115 pcd	40	32	4	22	115	120	125	M20x2.5 42 deep
C1040	335	65	98	212	100	90 m6	24	366	170	160	3	M24x3 45 deep	26	M12x1.75 20 deep 145 pcd	50	40	5	23	170	140	150	M24x3 50 deep

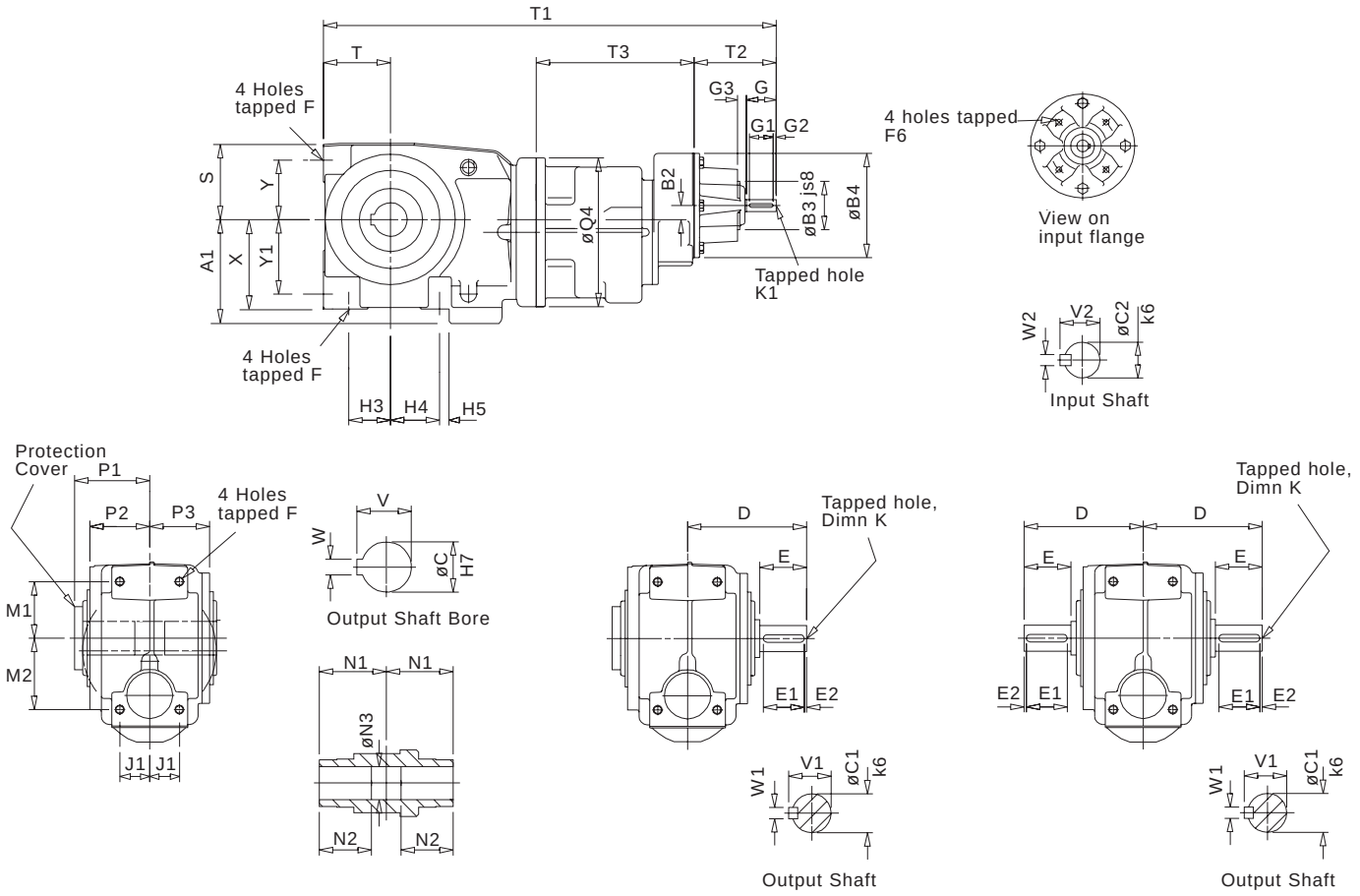
SIZE	K1	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	T1	T2	T3	U	V	V1	V2	W	W1	W2	Y2
C0740	M5x0.8 12.5 deep	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	664	111	156	28	64.6	48.5	18	18	14	5	107.5
C0840	M6x1 16 deep	80	60	125	90	70.5	220	143	132	128	125	150	168	785	111	198	35	75.1	64	21.5	20	18	6	125
C0940	M6x1 16 deep	85	67.5	150	107.5	90.5	265	169	157.5	162.5	152.5	177	195	868	111	198	40	95.6	74.5	21.5	25	20	6	145
C1040	M8x1.25 19 deep	110	75	175	132.5	100.5	313	198	225	195	180	230	235	997	115	245	45	106.6	95	27	28	25	8	172.5

DIMENSIONS QUINTUPLE REDUCTION

9701

C	0	6	5	0				W	R

STANDARD UNIT QUINTUPLE REDUCTION



SIZE	A1	B2	B3	B4	C	C1	C2	D	E	E1	E2	F	F6	G	G1	G2	G3	H3	H4	H5	J1	K
C0650 Std	139.5	19	65	140	45	35	16	160	63	55	3	M12x1.75 20 deep	M8x1.25 16 deep 90 pcd	40	32	4	12	56	66	13	40	M12x1.75 22 deep
C0650 HD	139.5	19	65	140	45	45	16	195	98	80	5	M12x1.75 20 deep	M8x1.25 16 deep 90 pcd	40	32	4	12	56	66	13	40	M16x2.0 36 deep

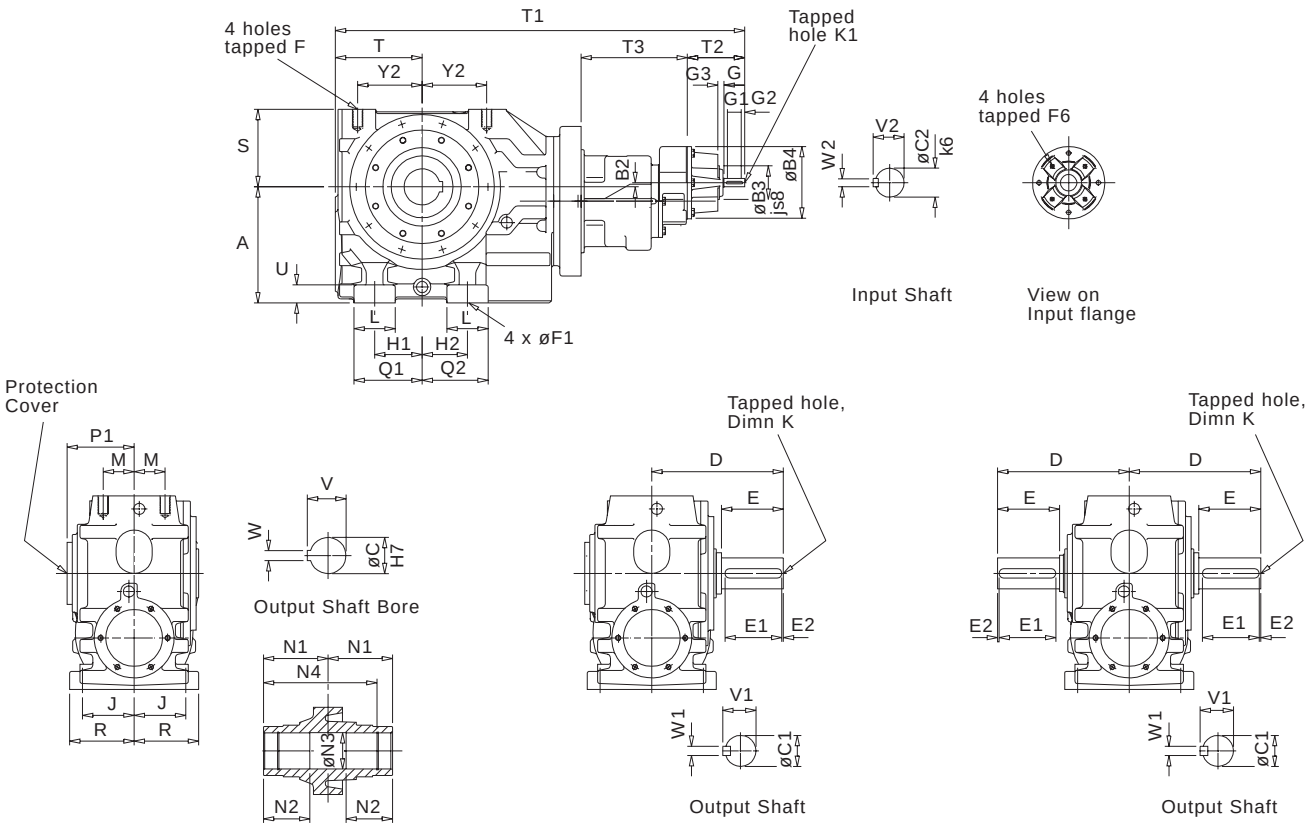
SIZE	K1	M1	M2	N1	N2	N3	P1	P2	P3	Q4	S	T	T1	T2	T3	V	V1	V2	W	W1	W2	X	Y	Y1
C0650 Std	M5x0.8 12.5 deep	76	96	90	70	45.3	101	90	90.5	200	103	90	609	111	212	49	38	18	14	10	5	120	76	96
C0650 HD	M5x0.8 12.5 deep	76	96	90	70	45.3	101	90	90.5	200	103	90	609	111	212	49	48.5	18	14	14	5	120	76	96

DIMENSIONS QUINTUPLE REDUCTION

9701

C			5	0				B	R

STANDARD UNIT QUINTUPLE REDUCTION



SIZE	A	†B2	B3	B4	C	C1	C2	D	E	E1	E2	F	F1	F6	G	G1	G2	G3	H1	H2	J	K
C0750	180	10	65	140	60	45 k6	16	195	76	70	3	M20x2.5 34 deep	18	M8x1.25 16 deep 90 pcd	40	32	4	12	75	60	75	M16x2 36 deep
C0850	225	8	65	140	70	60 m6	16	255	120	110	3	M20x2.5 34 deep	22	M8x1.25 16 deep 90 pcd	40	32	4	12	92	88	100	M20x2.5 42 deep
C0950	280	7	65	140	90	70 m6	16	295	135	125	3	M24x3 45 deep	26	M8x1.25 16 deep 90 pcd	40	32	4	12	115	120	125	M20x2.5 42 deep
C1050	335	18	65	140	100	90 m6	16	366	170	160	3	M24x3 45 deep	26	M8x1.25 16 deep 90 pcd	40	32	5	12	170	140	150	M24x3 50 deep

SIZE	K1	L	M	N1	N2	N3	N4	P1	Q1	Q2	R	S	T	T1	T2	T3	U	V	V1	V2	W	W1	W2	Y2
C0750	M5x0.8 12.5 deep	67	50	109	79	60.5	188	124.5	108.5	93.5	92.5	122	143	720	111	212	28	64.6	48.5	18	18	14	5	107.5
C0850	M5x0.8 12.5 deep	80	60	125	90	70.5	220	143	132	128	125	150	168	793	111	212	35	75.1	64	18	20	18	5	125
C0950	M5x0.8 12.5 deep	85	67.5	150	107.5	90.5	265	169	157.5	162.5	152.5	177	195	934	111	264	40	95.6	74.5	18	25	20	5	145
C1050	M5x0.8 12.5 deep	110	75	175	132.5	100.5	313	198	225	195	180	230	235	1012	111	264	45	106.6	95	18	28	25	5	172.5

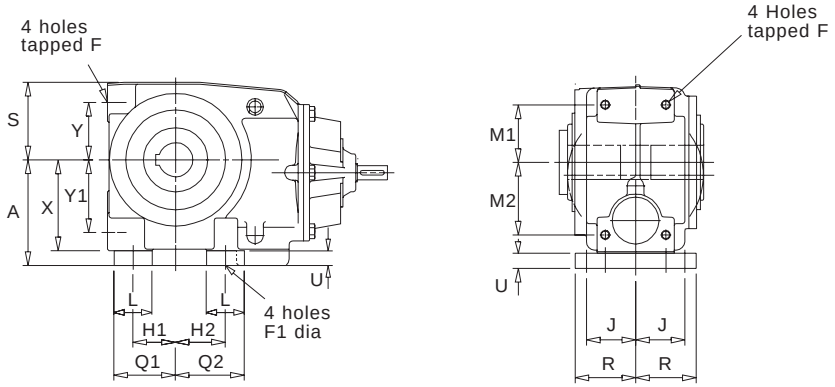
† B2 C07, C08 & C09 ABOVE CENTRELINE
C10 BELOW CENTRELINE

DIMENSIONS - FEET

9701

C	0			0				B	R

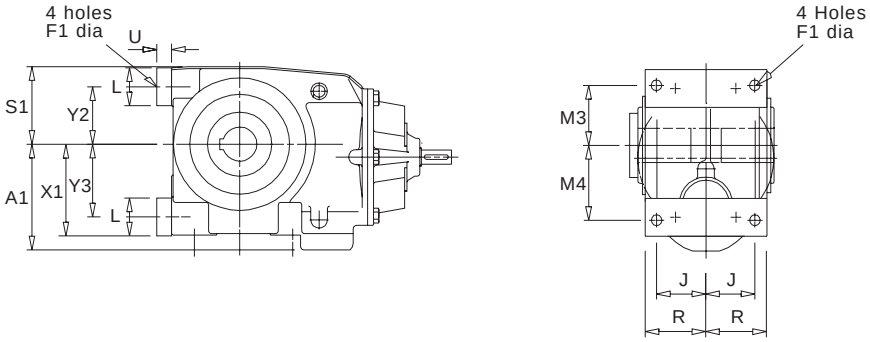
STANDARD UNIT WITH BASE MOUNTED FEET



SIZE	A	F	F1	H1	H2	J	L	M1	M2	Q1	Q2	R	S	U	X	Y	Y1
C03	80	M8 x 1.25, 15 Deep	9	35	28	45	25	40	40	47	41	55	68	9	71	40	40
C04	100	M10 x 1.5, 20 Deep	11	35	45	50	35	53	65	53	62	62	75	14	86	53	65
C05	112	M10 x 1.5, 18 Deep	11	45	55	55	40	65	77	65	75	68	88	16	96	65	77
C06 Std	140	M12 x 1.75, 20 Deep	14	60	70	65	50	76	96	81	91	80	103	20	120	76	96
C06 HD	140	M12 x 1.75, 20 Deep	14	60	70	65	50	76	96	81	91	80	103	20	120	76	96

C	0			0				E	R

STANDARD UNIT WITH END MOUNTED FEET



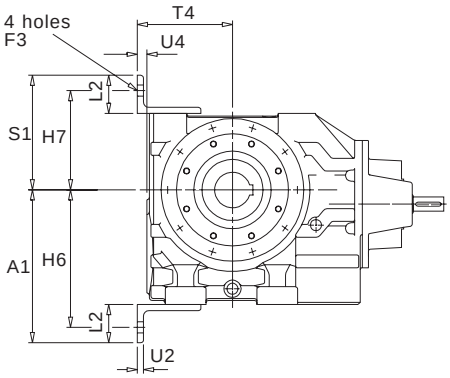
SIZE	A1	F1	J	L	M3	M4	R	S1	U	X1	Y2	Y3
C03	79.5	9	45	25	40	40	55	52.5	9	52.5	40	40
C04	93	11	50	35	53	65	62	70.5	14	82.5	53	65
C05	112	11	55	40	65	77	68	85	16	97	65	77
C06 Std	139.5	14	65	50	80	100	80	101	20	121	80	100
C06 HD	139.5	14	65	50	80	100	80	101	20	121	80	100

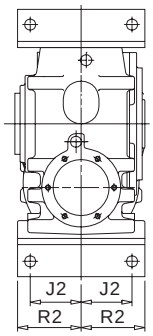
DIMENSIONS - FEET

9701

C				0				E	R

STANDARD UNIT WITH END MOUNTED FEET

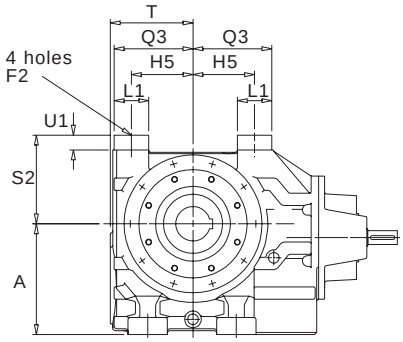


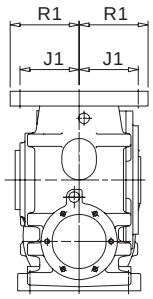


SIZE	A1	F3	H6	H7	J2	L2	R2	S1	T4	U2	U4
C07	255	22	225	167	85	75	110	197	162	12	19
C08	300	22	270	195	100	75	125	225	187	12	19
C09	370	26	330	227	125	90	152.5	267	220	15	25
C10	425	26	385	280	150	90	180	320	260	15	25

C				0				R	R

STANDARD UNIT WITH TOP MOUNTED FEET





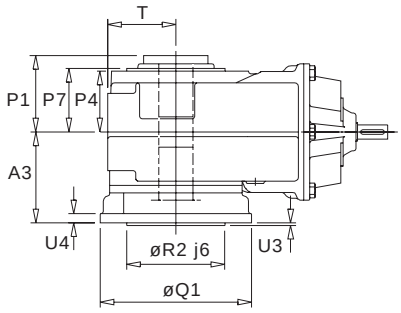
SIZE	A	F2	H5	J1	L1	Q3	R1	S2	T	U1
C07	180	24	107.5	102.5	63	139	128	150	143	28
C08	225	24	125	112.5	70	160	140	180	168	30
C09	280	28	145	120	80	185	150	212	195	35
C10	335	28	172.5	132.5	100	222.5	165	265	235	35

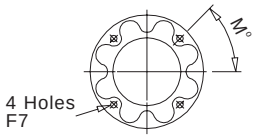
DIMENSIONS - OUTPUT FLANGE

9701

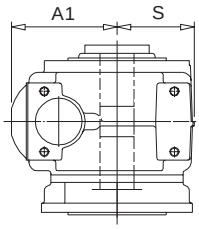
C	0			0				F / G	R

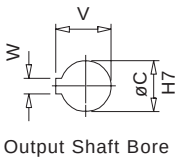
— STANDARD UNIT WITH OUTPUT FLANGE
— OUTPUT FLANGE REDUCED DIA (SIZE C03 ONLY)



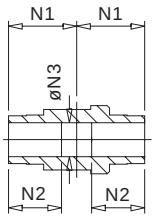


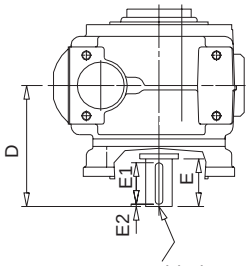
View on base



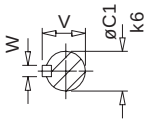


Output Shaft Bore

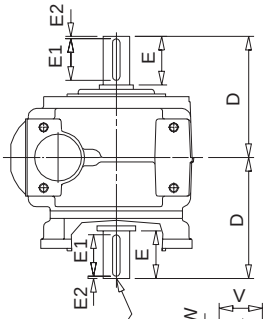




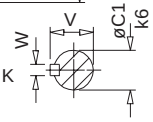
Tapped hole
Dimn K



Output Shaft



Tapped hole,
both ends Dimn K



Output Shaft

SIZE	A1	A3	C	C1	D	E	E1	E2	F7	K	M	N1	N2
C03	79.5	75	20	20	100	35	31	3	ø9 on 130 pcd	M6x1.0, 16 deep	45	62	52
C03 Red Dia	79.5	75	20	20	100	35	31	3	ø6.6 on 100 pcd	M6x1.0, 16 deep	45	62	52
C04	93	86	30	25	115	46	42	3	ø9 on 130 pcd	M10x1.5, 22 deep	45	65	54
C05	112	107	35	30	134	60	53	3	ø11 on 165 pcd	M10x1.5, 22 deep	45	70	56
C06 Std	139.5	120	45	35	160	63	55	3	ø11 on 165 pcd	M12x1.75, 22 deep	45	90	70
C06 HD	139.5	120	45	45	195	98	80	5	ø11 on 165 pcd	M16x2.0, 36 deep	45	90	70

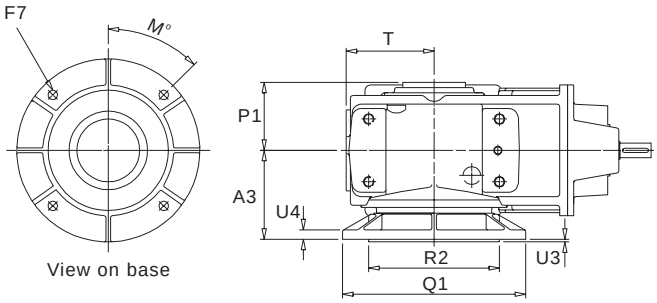
SIZE	N3	P1	P4	P7	Q1	R2	S	T	U3	U4	V	V1	W	W1
C03	20.2	70	61	62	160	110	68	54	4	10	22.9	22.5	6	6
C03 Red Dia	20.2	70	61	62	120	80	68	54	3	8	22.9	22.5	6	6
C04	30.2	74.5	62.5	65.5	160	110	75	64	3.5	10	33.5	28	8	8
C05	35.3	79	62.5	66	200	130	88	68	3.5	12	38.5	33	10	8
C06 Std	45.3	101	80.5	86.5	200	130	103	90	3.5	12	49	38	14	10
C06 HD	45.3	101	80.5	86.5	200	130	103	90	3.5	12	49	48.5	14	14

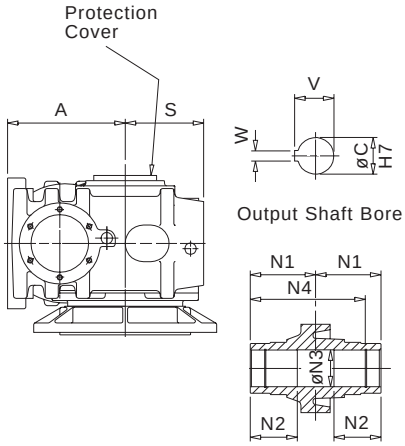
DIMENSIONS - OUTPUT FLANGE

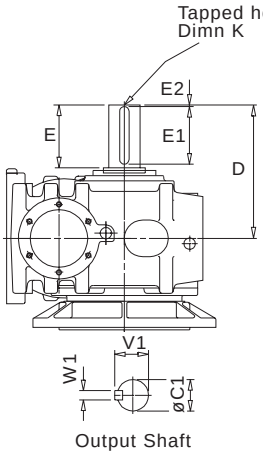
9701

C				0				F	R

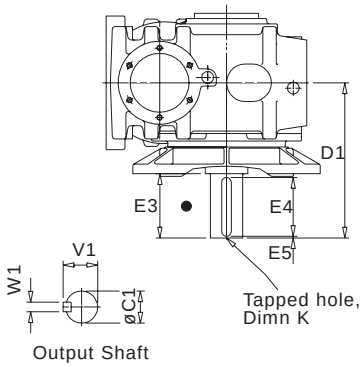
STANDARD UNIT WITH OUTPUT FLANGE







● UNIT SHOWN WITH OUTPUTSHAFT OPTION [M] (SEE PAGE 13)



SIZE	A	A3	C	C1	D	D1	E	E1	E2	E3	E4	E5	F7	K
C07	180	145	60	45 k6	195	235	76	70	3	90	84	3	4 x ø14 on 215 pcd	M16x2, 36 deep
C08	225	170	70	60 m6	255	290	120	110	3	120	110	3	4 x ø18 on 300 pcd	M20x2.5, 42 deep
C09	280	200	90	70 m6	295	340	135	125	3	140	125	3	8 x ø18 on 400 pcd	M20x2.5, 42 deep
C10	335	232	100	90 m6	366	402	170	160	3	170	160	3	8 x ø18 on 400 pcd	M24x3, 50 deep

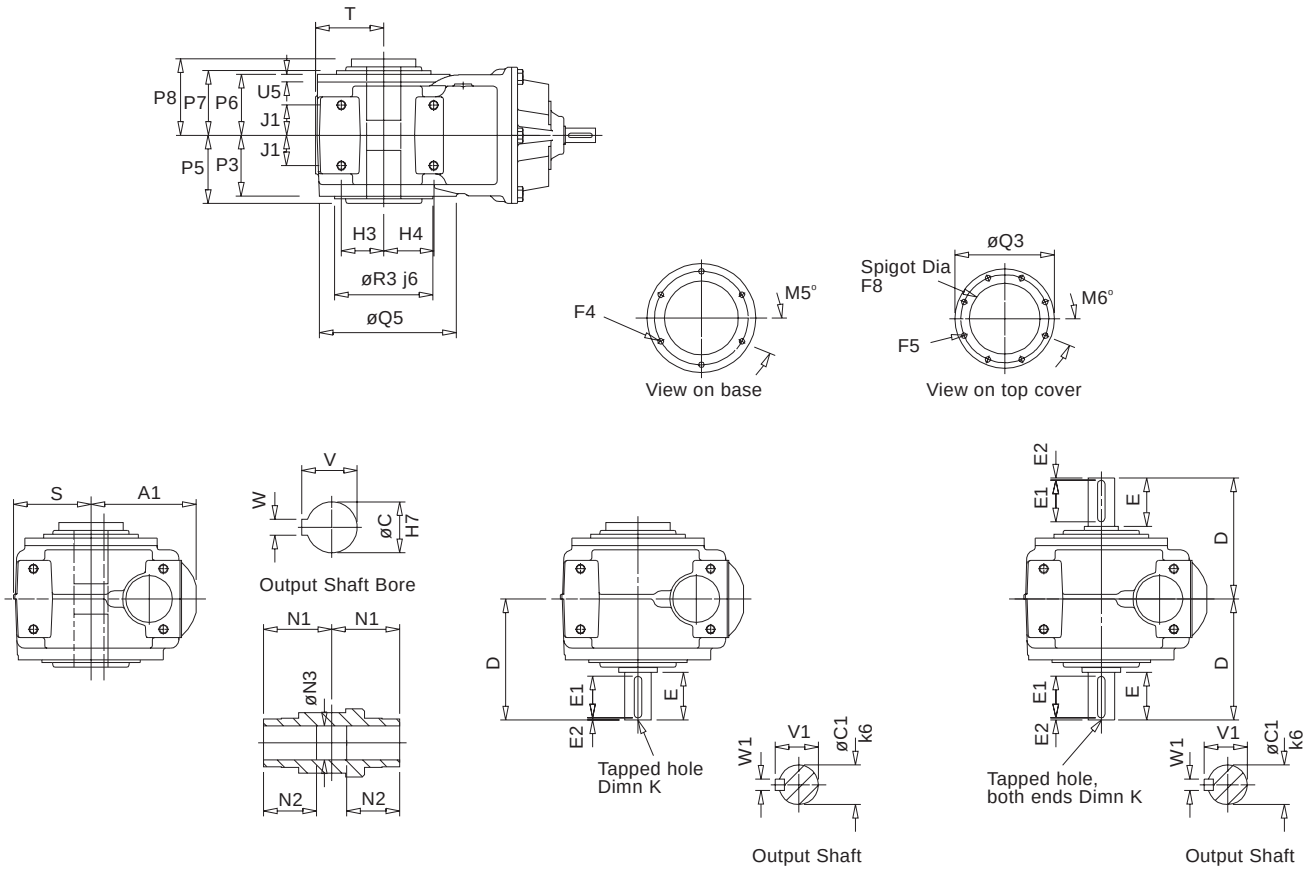
SIZE	M	N1	N2	N3	N4	P1	Q1	R2	S	T	U3	U4	V	V1	W	W1
C07	45	109	79	60.5	188	124.5	250	180 j6	122	143	4	12	64.6	48.5	18	14
C08	45	125	90	70.5	220	143	350	250 h6	150	168	5	18	75.1	64	20	18
C09	22.5	150	107.5	90.5	265	169	450	350 h6	177	195	5	20	95.6	74.5	25	20
C10	22.5	175	132.5	100.5	313	198	450	350 h6	230	235	5	22	106.6	95	28	25

DIMENSIONS - C FACE MOUNTING

9701

C	0			0				W	R

STANDARD UNIT WITH C FACE MOUNTING



SIZE	A1	C	C1	D	E	E1	E2	F4	F5	F8 Spigot ø	H3	H4
C03	79.5	20	20	100	35	31	3	4 holes tapped M8x1.25 12 deep on 75 pcd	4 holes through 8 thick cover tapped M8x1.25, 14 deep into case, 90 pcd	69.990 / 69.969	35	28
C04	93	30	25	115	46	42	3	4 holes tapped M8x1.25 14 deep on 115 pcd	8 holes through 8 thick cover tapped M8x1.25, 14 deep into case, 107 pcd	84.990 / 84.968	35	45
C05	112	35	30	134	60	53	3	6 holes tapped M8x1.25 12 deep on 130 pcd	8 holes through 8 thick cover tapped M8x1.25, 14 deep into case, 130 pcd	104.990 / 104.968	45	55
C06 Std	139.5	45	35	160	63	55	3	6 holes tapped M10x1.5 17 deep on 165 pcd	8 holes through 10 thick cover tapped M10x1.5, 17 deep into case, 155 pcd	124.990 / 124.965	56	66
C06 HD	139.5	45	45	195	98	80	5	6 holes tapped M10x1.5 17 deep on 165 pcd	8 holes through 10 thick cover tapped M10x1.5, 17 deep into case, 155 pcd	124.990 / 124.965	56	66

SIZE	J1	K	M5	M6	N1	N2	N3	P2	P4	P5	P6	P8	Q3	Q5	R3	S	T	U5	V	V1	W	W1
C03	27	M6x1.0 16 deep	90	45	62	52	20.2	61	61	61	57	70	106	92	*	68	54	8	22.9	22.5	6	6
C04	28	M10x1.5 22 deep	45	22.5	65	54	30.2	65.5	62.5	61	57	72	122	135	95	75	64	8	33.5	28	8	8
C05	34	M10x1.5 22 deep	30	22.5	70	56	35.3	70	62.5	66	62	79	146	152	110	88	68	8	38.5	33	10	8
C06 Std	40	M12x1.75 22 deep	30	22.5	90	70	45.3	90	80.5	85.5	80.5	101	175	192	130	103	90	10	49	38	14	10
C06 HD	40	M16x2.0 36 deep	30	22.5	90	70	45.3	90	80.5	85.5	80.5	101	175	192	130	103	90	10	49	48.5	14	14

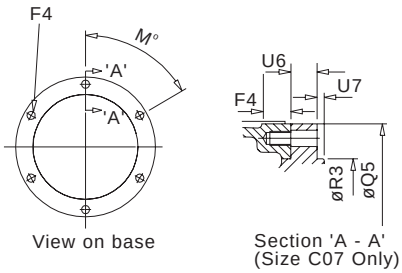
* Size C0320 does not have a spigot, therefore no R3 dimension required

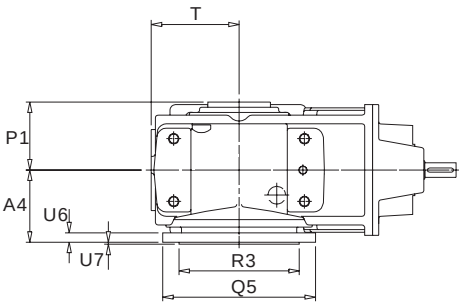
DIMENSIONS - C FACE MOUNTING

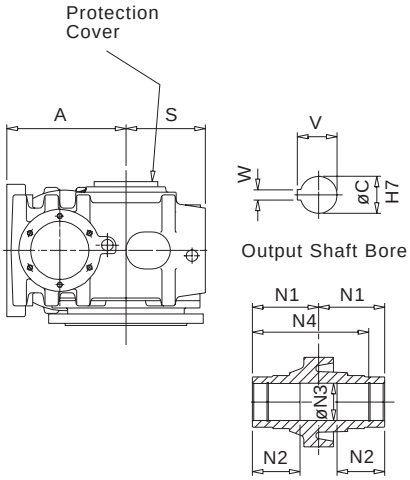
9701

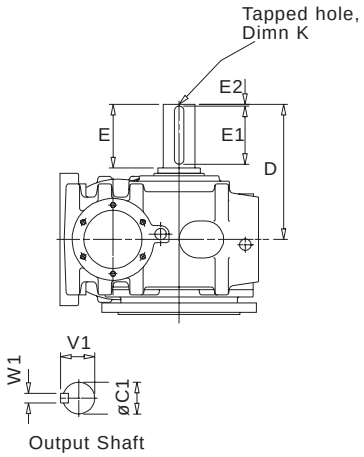
C				0				L	R

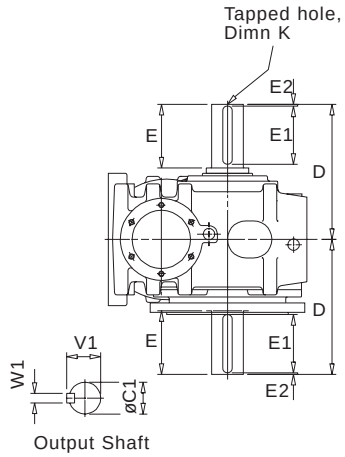
STANDARD UNIT WITH C FACE MOUNTING









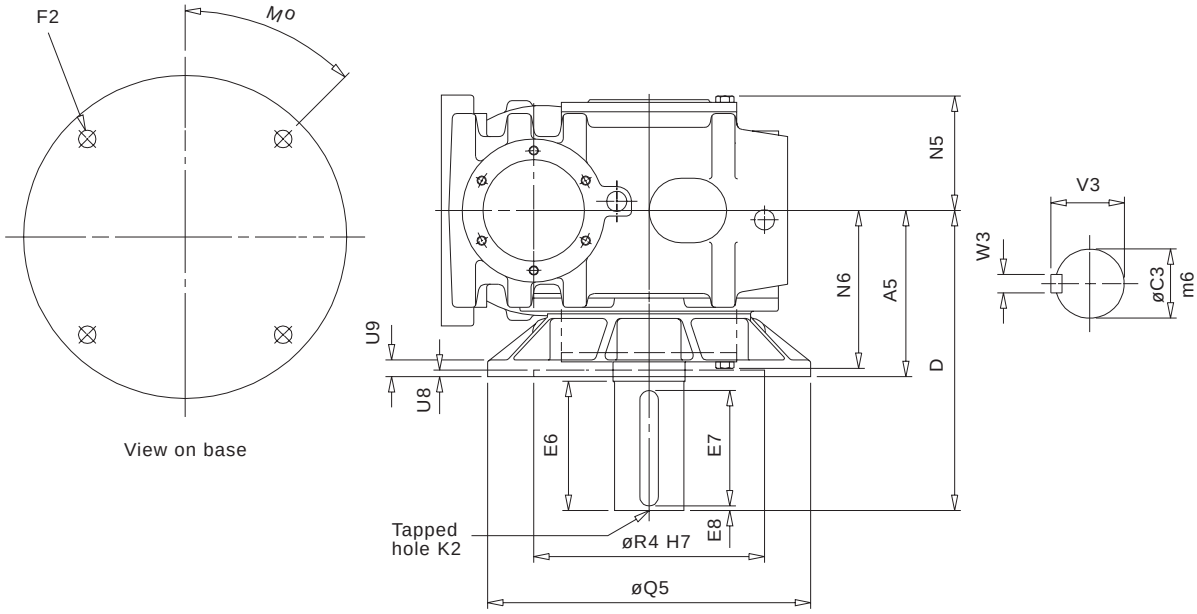


SIZE	A	A4	C	C1	D	E	E1	E2	F4	K
C07	180	93.5	60	45 k6	195	76	70	3	● 6 holes tapped M12x1.75 18 deep on 215 pcd	M16x2, 36 deep
C08	225	138	70	60 m6	255	120	110	3	8 holes tapped M12x1.75 through flange on 265 pcd	M20x2.5, 42 deep
C09	280	168	90	70 m6	295	135	125	3	8 holes tapped M16x2 through flange on 350 pcd	M20x2.5, 42 deep
C10	335	190	100	90 m6	366	170	160	3	8 holes tapped M16x2 through flange on 400 pcd	M24x3, 50 deep

SIZE	M	N1	N2	N3	N4	P1	Q5	R3	S	T	U6	U7	V	V1	W	W1
C07	60	109	79	60.5	188	124.5	240	180 j6	122	143	18.5	10	64.6	48.5	18	14
C08	60	125	90	70.5	220	143	292	230 j6	150	168	18	4	75.1	64	20	18
C09	45	150	107.5	90.5	265	169	384	300 h6	177	195	24	4	95.6	74.5	25	20
C10	45	175	132.5	100.5	313	198	440	350 h6	230	235	23.5	6	106.6	95	28	25

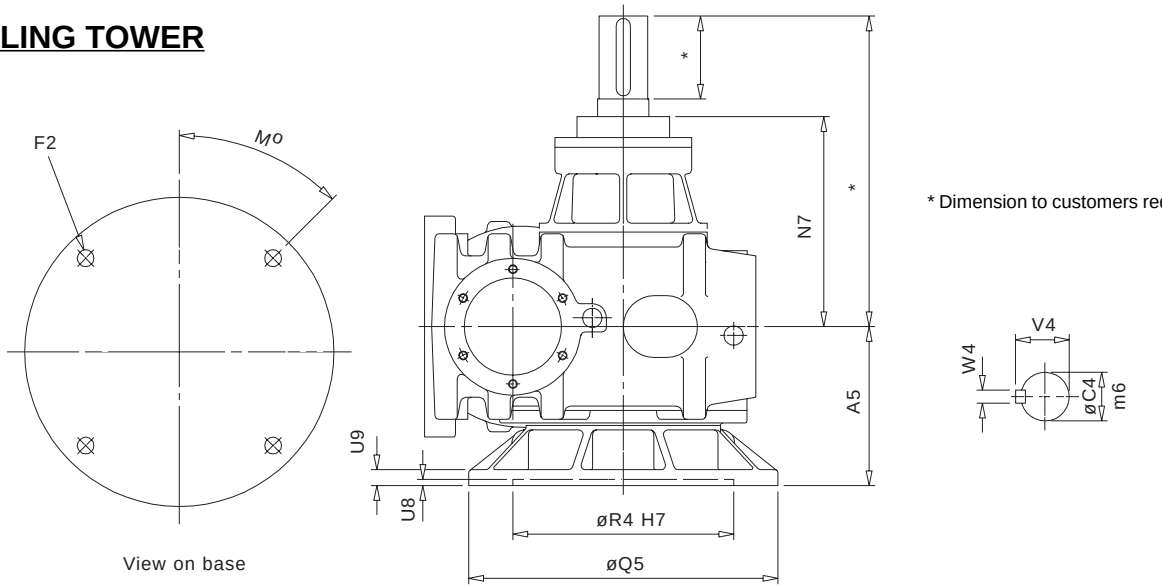
● For size C07 only refer to Section A - A

AGITATOR



SIZE	A5	C3	D	E6	E7	E8	øF2	K2	M	N5	N6	Q5	R4	U8	U9	V3	W3
C07	160	65	290	125	110	5	4 x ø15 on 265 pcd	M20 x 2.5, 40 deep	45	109	149	300	230	6	16	69	18
C08	180	75	325	140	125	5	4 x ø19 on 300 pcd	M20 x 2.5, 40 deep	45	124	171	350	250	7	17	79.5	20
C09	200	85	360	155	140	5	4 x ø19 on 350 pcd	M24 x 3, 50 deep	45	142	192	400	300	7	20	90	22
C10	212	100	392	175	160	5	8 x ø19 on 400 pcd	M24 x 3, 50 deep	22.5	152.5	205	450	350	7	22	106	28

COOLING TOWER



* Dimension to customers requirements

SIZE	A5	C4	øF2	M	N7	Q5	R4	U8	U9	V4	W4
C07	160	45	4 x ø15 on 265 pcd	45	224	300	230	6	16	48.5	14
C08	180	55	4 x ø19 on 300 pcd	45	238	350	250	7	17	59	16
C09	200	65	4 x ø19 on 350 pcd	45	268	400	300	7	20	69	18
C10	212	80	8 x ø19 on 400 pcd	22.5	286	450	350	7	22	85	22

REDUCER BACKSTOP MODULE

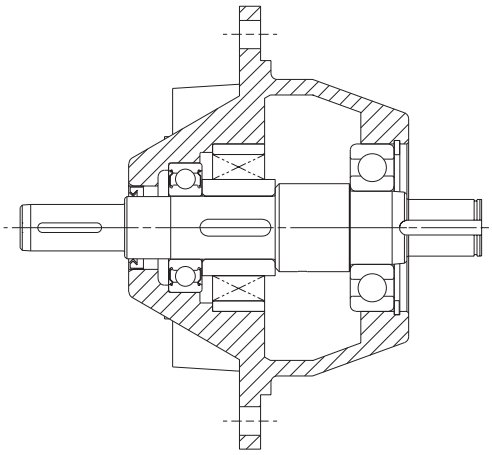
0003

The reducer units listed below can be fitted with an internal backstop, this has no effect of the external unit size. The backstop device incorporates high quality centrifugal lift off sprags which are wear free above the lift off speed (n min). To ensure correct operation input speed must exceed lift off speed.

Suitable for ambient temperature -40°C to + 50°C

Column 10 Entry

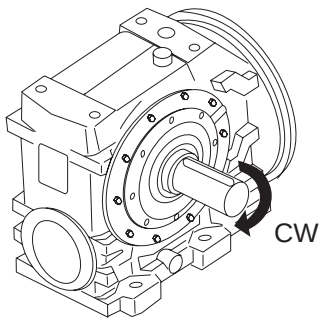
For reducer backstop modules enter [X] in column 10
(or [Y] if used in conjunction with a fan kit)



Unit Size	Lift off Speed ('n' min) (at inputshaft) (rev/min)	Rated Locking Torque ('T max') (at inputshaft) (Nm)
C0720	670	170
C0820	670	300
C0920	620	940
C1020	550	1260
C1040	670	170

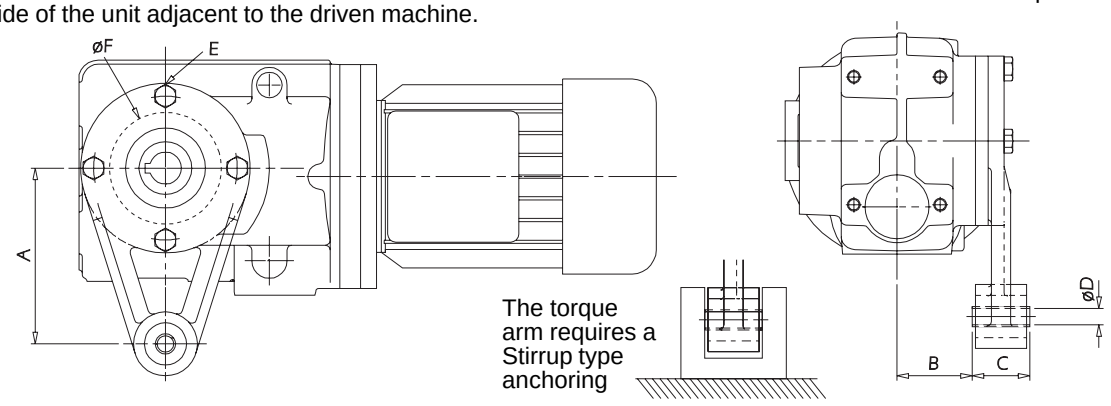
Rotation of outputshaft must be specified when ordering as viewed from the outputshaft end (as shown in the diagram)

CW	-	Free Rotation	-	Clockwise
		Locked	-	Anticlockwise
AC	-	Free Rotation	-	Anticlockwise
		Locked	-	Clockwise

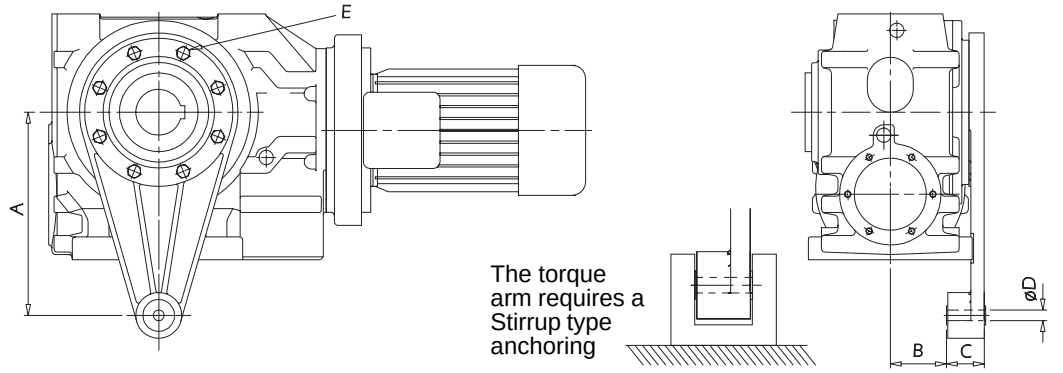


9905

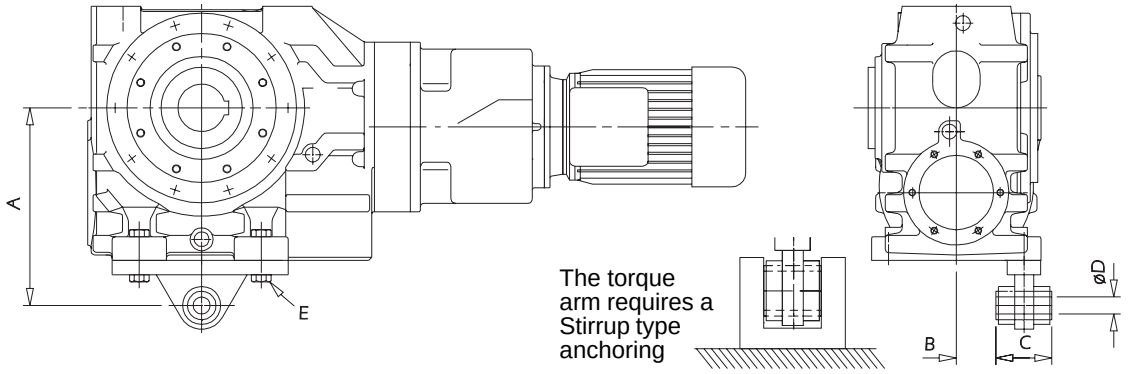
THE TORQUE ARM FITS ON ONE SIDE ONLY. It is recommended that the unit is articulated such that the torque arm is fitted on the side of the unit adjacent to the driven machine.



SIZE OF UNIT	DIMENSIONS IN MM					
	A	B	C	øD	E	øF (Spigot Dia)
C03	110	47	36	10.3	4 x M8 on a 90 pcd	69.990 / 69.969
C04	130	52	36	10.3	8 x M8 on a 107 pcd	84.990 / 84.968
C05	160	52	36	10.3	8 x M8 on a 130 pcd	104.990 / 104.968
C06	200	71.5	44	16.5	8 x M10 on a 155 pcd	124.990 / 124.965



SIZE OF UNIT	DIMENSIONS IN MM				
	A	B	C	øD	E
C07	250	77.5	60	16.4	6 x M12 on a 150 pcd
C08	310	85.5	60	16.4	8 x M12 on a 195 pcd
C09	380	98	80	25	6 x M16 on a 230 pcd
C10	430	137	80	25	10 x M16 on a 280 pcd



SIZE OF UNIT	DIMENSIONS IN MM				
	A	B	C	øD	E
C1040 C1050	430	95	110	25	2 Nuts & M24 x 100L Bolts

UNIT SIZE & No OF REDUCTIONS			C0320			C0330			C0420			C0430			C0520			C0530			C0620		
COLUMN 11 ENTRY			H	C	D	H	C	D	H	C	D	H	C	D	H	C	D	H	C	D	H	C	D
REDUCER VERSION			.006	.007	.008	.008	.010	.012	.007	.009	.011	.008	.011	.013	.009	.013	.017	.011	.016	.020	.017	.023	.029
MOTORISED	63	With Motor	.009	.009	.011	.013	.013	.015	.011	.012	.015	.014	.015	.019	.014	.016	.021	.016	.019	.024	.023	.029	.036
		Without Motor	.004	.004	.005	.007	.007	.008	.006	.006	.008	.008	.009	.011	.007	.009	.011	.010	.011	.014	.014	.017	.021
	71	With Motor	.010	.010	.012	.014	.014	.016	.013	.013	.016	.016	.016	.020	.015	.018	.022	.018	.020	.026	.025	.031	.038
		Without Motor	.005	.005	.005	.007	.007	.009	.006	.006	.008	.009	.009	.011	.008	.009	.011	.010	.011	.014	.014	.017	.021
	80	With Motor	.012	.012	.014				.014	.014	.017	.019	.019	.022	.017	.018	.025	.021	.023	.029	.027	.032	.039
		Without Motor	.005	.005	.006				.007	.007	.008	.010	.010	.013	.008	.009	.011	.012	.013	.016	.015	.017	.021
	90	With Motor	.015	.015	.017				.019	.019	.022				.022	.022	.027				.034	.035	.043
		Without Motor	.007	.007	.008				.008	.008	.010				.009	.009	.011				.017	.018	.022
	100/112	With Motor	.019	.019	.021				.022	.022	.026				.028	.028	.032				.042	.042	.052
		Without Motor	.007	.007	.008				.009	.009	.011				.012	.012	.012				.021	.021	.026
	132	With Motor																			.051	.051	.061
		Without Motor																			.023	.023	.028

UNIT SIZE & No OF REDUCTIONS			C0630			C0720			C0730			C0820			C0920			C1020		
COLUMN 11 ENTRY			H	C	D	H	C	D	H	C	D	H	C	D	H	C	D	H	C	D
REDUCER VERSION			.020	.028	.034	.036	.046	.056	.042	.054	.066	.063	.087	.111	.107	.146	.186	.184	.262	.340
MOTORISED	63	With Motor	.025	.033	.040				.044	.063	.076									
		Without Motor	.016	.021	.026				.032	.045	0.55									
	71	With Motor	.027	.034	.042				.047	.065	.080									
		Without Motor	.017	.021	.026				.033	.045	.055									
	80	With Motor	.031	.037	.045	.045	.060	.073	.051	.067	.082	.070	.104	.134	.121	.166	.211			
		Without Motor	.019	.022	.027	.028	.037	.046	.034	.045	.055	.047	.070	.090	.085	.117	.149			
	90	With Motor	.038	.040	.049	.055	.064	.079	.062	.072	.088	.081	.110	.142	.127	.175	.222			
		Without Motor	.022	.023	.028	.033	.038	.047	.039	.046	.056	.051	.070	.090	.085	.117	.149			
	100/112	With Motor				.065	.073	.090	.074	.083	.101	.092	.122	.156	.139	.191	.242	.219	.311	.404
		Without Motor				.036	.041	.049	.045	.050	.061	.054	.071	.091	.086	.119	.151	.143	.203	.263
	132	With Motor				.077	.080	.097				.108	.131	.168	.155	.204	.259	.232	.331	.430
		Without Motor				.039	.041	.050				.058	.071	.091	.090	.119	.151	.143	.203	.263
	160/180	With Motor				.106	.106	.117				.146	.156	.200	.206	.240	.305	.293	.386	.500
		Without Motor				.048	.048	.053				.071	.076	.097	.108	.126	.160	.163	.214	.278
	180L	With Motor													.235	.256	.325	.330	.409	.531
		Without Motor													.116	.126	.160	.173	.214	.278
	200	With Motor													.235	.256	.325	.330	.409	.531
		Without Motor													.116	.126	.160	.173	.214	.278
	225	With Motor													.269	.278	.353	.375	.443	.574
		Without Motor													.127	.132	.167	.189	.223	.289

ALL VOLUMES IN m^3

COLUMN 11 ENTRY

H - STD UNIT WITHOUT SHAFT

C - STD SINGLE EXTENSION

D - STD DOUBLE EXTENSION

SHIPPING SPECIFICATION

9506

UNIT SIZE & No OF REDUCTIONS			C0320				C0330				C0420			C0430			C0520			C0530			C0620			C0630			C0640		
COLUMN 9 ENTRY			W	B/E	F	G	W	B/E	F	G	W	B/E	F	W	B/E	F	W	B/E	F	W	B/E	F	W	B/E	F	W	B/E	F	W	B/E	F
OUTPUT SHAFT			0.4				0.4				1.0			1.0			1.5			1.5			3.0/3.7(HD)			3.0/3.7(HD)			3.0/3.7(HD)		
REDUCER VERSION			11	11	12	12	14	15	16	16	15	16	16	18	19	20	18	19	20	21	23	23	32	34	34	38	40	40	44	46	46
MOTORISED	63	Without Motor	10	10	11	11	13	14	15	14	12	13	14	16	17	17	14	15	16	17	19	19	28	30	30	33	36	35	43	46	45
		With Motor	14	14	15	15	17	18	19	18	16	17	18	20	21	21	18	19	20	21	23	23	32	34	34	37	40	39	48	51	50
		With Motor & Brake	15	15	16	16	18	19	20	19	17	18	19	21	22	22	19	20	21	22	24	24	33	35	35	38	41	40	50	53	52
	71	Without Motor	9	10	11	11	13	13	14	14	12	13	14	15	16	17	15	17	17	19	20	21	28	30	30	33	35	35	44	46	45
		With Motor	16	16	17	17	19	20	21	21	18	19	20	22	23	23	22	23	24	25	27	27	34	37	36	39	42	41	50	53	52
		With Motor & Brake	17	17	18	18	20	21	22	22	19	20	21	23	24	24	23	24	25	26	27	28	35	38	37	40	43	42	52	55	54
	80	Without Motor	10	11	12	12	*14*	*14*	*15*	*15*	13	14	15	16	17	18	16	18	18	20	21	22	28	31	31	34	36	36	*46*	*48*	*48*
		With Motor	20	20	21	21					23	24	24	26	27	28	26	27	28	30	31	32	38	41	40	43	46	46			
		With Motor & Brake	22	22	23	23					26	26	26	28	29	30	28	29	30	32	33	34	40	43	42	45	48	48			
	90S	Without Motor	11	11	12	12	*14*	*15*	*16*	*16*	13	14	15	*17*	*18*	*18*	17	18	19	*20*	*22*	*22*	29	31	31	34	37	36	*45*	*48*	*47*
		With Motor	24	24	25	25					26	27	28				30	31	32				42	43	43	47	50	49			
		With Motor & Brake	27	27	28	28					29	30	31				33	34	35				45	46	46	50	53	52			
	90L	Without Motor	11	11	12	12	*14*	*15*	*16*	*16*	13	14	15	*17*	*18*	*18*	17	18	19	*20*	*22*	*22*	29	31	31	34	37	36	*45*	*48*	*47*
		With Motor	26	27	28	28					29	30	30				32	34	34				44	47	47	50	52	52			
		With Motor & Brake	29	30	31	31					32	33	33				35	37	37				47	50	50	53	55	55			
	100	Without Motor	12	12	13	13	*15*	*16*	*17*	*16*	14	15	16	*18*	*19*	*19*	18	19	20	*21*	*22*	*23*	34	36	36	*35*	*38*	*37*	*46*	*49*	*48*
		With Motor	34	34	35	35					36	37	38				40	41	42				56	58	58						
		With Motor & Brake	39	39	40	40					41	42	43				45	46	47				61	63	63						
	112	Without Motor	*12*	*12*	*13*	*13*	*15*	*16*	*17*	*16*	14	15	16	*18*	*19*	*19*	18	19	20	*21*	*22*	*23*	34	36	36	*35*	*38*	*37*	*46*	*49*	*48*
		With Motor									45	46	47				49	50	51				65	67	67						
		With Motor & Brake									50	51	52				54	55	56				70	72	72						
	132S	Without Motor																					36	38	38						
		With Motor																					78	80	80						
		With Motor & Brake																					87	89	89						
	132M	Without Motor																					36	38	38						
		With Motor																					88	90	90						
		With Motor & Brake																					97	99	99						
	160M	Without Motor																													
		With Motor																													
	160L	Without Motor																													
		With Motor																													
	180M	Without Motor																													
		With Motor																													
	180L	Without Motor																													
		With Motor																													
	200L	Without Motor																													
		With Motor																													
	225S	Without Motor																													
		With Motor																													
	225M	Without Motor																													
		With Motor																													

FIGURES IN ITALICS INDICATE THAT FRAME SIZE CAN BE FITTED BUT IS BEYOND THE MECHANICAL RATING OF THE UNIT

ALL WEIGHTS IN KG

ALL WEIGHTS EXCLUDE LUBRICANT AND ARE FOR SHAFT MOUNTED UNITS, SHAFT WEIGHTS (GIVEN AT THE TOP OF THE TABLE) MUST BE ADDED TO THE FIGURES SHOWN ABOVE

COLUMN 9 ENTRY

- W - STANDARD UNIT
- B - STANDARD UNIT WITH BASE MOUNTED FEET
- E - STANDARD UNIT WITH END MOUNTED FEET
- F - STANDARD UNIT WITH OUTPUT FLANGE
- G - STANDARD UNIT WITH OUTPUT FLANGE REDUCED DIAMETER (SIZE C03 ONLY)

SHIPPING SPECIFICATION

9506

UNIT SIZE & No OF REDUCTIONS			C0720		C0730		C0740		C0750		C0820		C0840		C0850		C0920		C0940		C0950		C1020		C1040		C1050	
COLUMN 9 ENTRY			B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F	B/E	F
OUTPUT SHAFT			7		7		7		7		12		12		12		18.5		18.5		18.5		30		30		30	
REDUCER VERSION			74	79	81	86	84	89	88	93	117	127	139	149	135	145	181	196	207	222	210	225	288	314	326	352	307	333
MOTORISED	63	Without Motor			80	85	84	89	*87*	*93*			137	147	*134*	*144*			205	220	*210*	*225*					*306*	*332*
		With Motor			84	89	88	93					141	151					209	224								
		With Motor & Brake			86	91	90	95					143	153					211	226								
	71	Without Motor			80	85	84	89	*87*	*92*			137	147	*134*	*144*			205	220	*210*	*225*					*306*	*332*
		With Motor			86	91	90	95					143	153					211	236								
		With Motor & Brake			88	93	92	97					145	155					213	228								
	80	Without Motor	71	76	80	85	85	90	*88*	*93*	121	131	137	147	*134*	*144*	184	199	205	220	*211*	*226*			323	349	*307*	*332*
		With Motor	80	85	89	94	95	100			130	140	147	157			194	209	215	230					333	359		
		With Motor & Brake	82	87	91	96	97	102			132	148	149	159			196	211	217	232					335	361		
	90S	Without Motor	71	76	80	85	85	90			121	131	137	147			184	199	205	220	*211*	*226*			323	349	*307*	*332*
		With Motor	84	89	93	98	98	103			134	144	150	160			197	212	218	233					336	362		
		With Motor & Brake	86	91	96	101	101	106			136	146	153	163			199	214	221	236					339	365		
	90L	Without Motor	71	76	80	85	85	90			121	131	137	147			184	199	205	220			281	307	323	349		
		With Motor	87	92	95	100	101	106			136	146	153	163			200	215	221	236			296	312	339	365		
		With Motor & Brake	89	94	98	103	104	109			139	149	156	166			203	218	224	239			299	325	342	368		
	100	Without Motor	78	83			86	91			121	131	144	154			184	199	212	227			281	307	330	356		
		With Motor	98	103			108	113			143	153	166	176			206	221	234	249			303	329	352	378		
		With Motor & Brake	103	108			113	118			148	158	171	181			211	226	239	254			308	334	357	383		
	112	Without Motor	78	83			86	91			121	131	144	154			184	199	212	227			281	307	330	356		
		With Motor	107	112			117	122			152	162	175	185			215	230	243	258			312	338	361	387		
		With Motor & Brake	114	119			124	129			159	169	182	192			220	235	250	265			317	343	368	394		
	132S	Without Motor	78	83							121	131	144	154			184	199	212	227			281	307	330	356		
		With Motor	120	125							163	173	186	196			226	241	252	267			323	349	372	398		
		With Motor & Brake	129	134							172	182	195	205			235	250	261	276			332	358	381	407		
	132M	Without Motor	78	83							121	131					184	199					281	307	330	356		
		With Motor	130	135							173	183					236	251					333	359	382	408		
		With Motor & Brake	139	144							182	192					245	260					342	368	391	417		
	160M	Without Motor	82	87							131	141					191	206					290	316	334	360		
		With Motor	154	161							203	213					263	278					362	388	406	432		
	160L	Without Motor	82	87							131	141					191	206					290	316	334	360		
		With Motor	167	172							216	226					276	291					375	401	419	445		
	180M	Without Motor															191	206					290	316				
		With Motor															299	314					398	424				
	180L	Without Motor															191	206					290	316				
		With Motor															335	350					434	460				
	200L	Without Motor															191	206					290	316				
		With Motor															359	374					458	484				
	225S	Without Motor															205	220					304	330				
		With Motor															412	427					511	537				
	225M	Without Motor															205	220					304	330				
		With Motor															430	445					529	555				

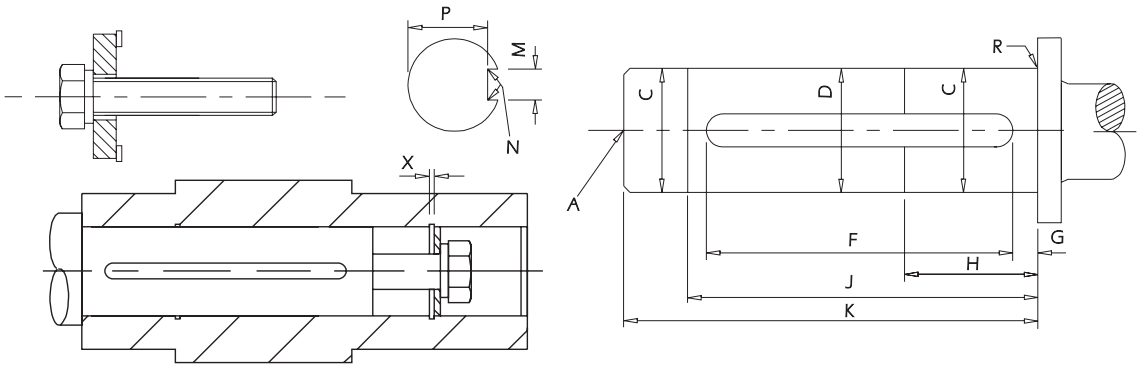
FIGURES IN ITALICS INDICATE THAT FRAME SIZE CAN BE FITTED BUT IS BEYOND THE MECHANICAL RATING OF THE UNIT

ALL WEIGHTS IN KG — ALL WEIGHTS EXCLUDE LUBRICANT AND ARE FOR SHAFT MOUNTED UNITS, SHAFT WEIGHTS (GIVEN AT THE TOP OF THE TABLE) MUST BE ADDED TO THE FIGURES SHOWN ABOVE

COLUMN 9 ENTRY

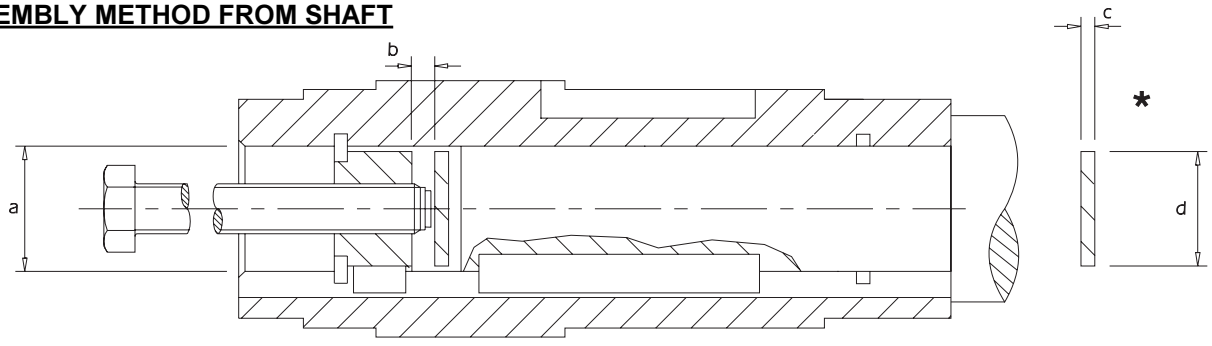
- B - STANDARD UNIT WITH BASE MOUNTED FEET
- E - STANDARD UNIT WITH END MOUNTED FEET
- F - STANDARD UNIT WITH OUTPUT FLANGE

ASSEMBLY ONTO SHAFT - CUSTOMERS SHAFT DETAIL

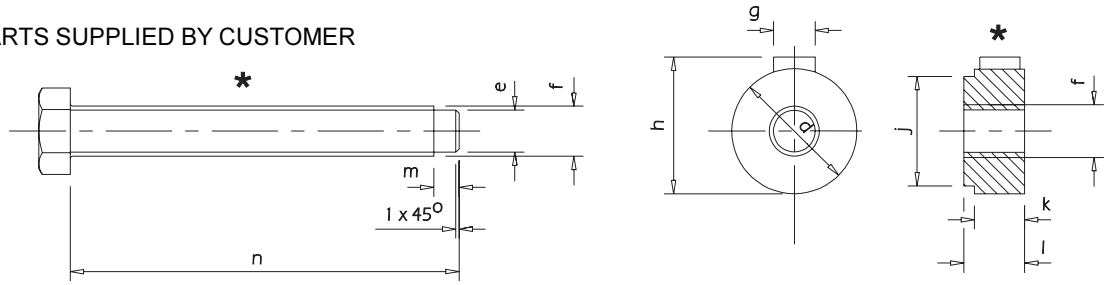


SIZE	A	C	D	F	G	H	J	K	M	N	P	R	X
C03	M8 x 1.0 18 deep	19.992 / 19.980	-	61.3 61.0	10	-	-	82	5.994 / 5.969	0.25R 0.16R	16.51 16.41	0.8R	1.10 D1300-0200
C04	M10 x 1.5 22 deep	29.992 / 29.980	-	79.3 79.0	10	-	-	99	7.986 / 7.950	0.4R 0.25R	26.00 25.80	0.8R	1.30 D1300-0300
C05	M12 x 1.75P 30 deep	34.991 / 34.976	-	77.3 77.0	13	-	-	104	9.985 / 9.949	0.4 0.25R	30.00 29.80	0.8R	1.60 D1300-0350
C06	M16 x 2.0 38 deep	44.991/ 44.976	-	101.5 101.0	13	-	-	126	13.983/ 13.940	0.4 0.25R	39.50 39.29	0.8R	1.85 D1300-0450
C07	M20 x 2.5 42 deep	59.990 / 59.971	59.6	148.5 148.0	3	79	128	153	18.000 / 17.957	0.9R 0.7R	53.0 52.8	1.2R	2.65 D1300-0600
C08	M20 x 2.5 42 deep	69.990 / 69.971	69.6	177.5 177.0	3	90	160	183	20.000 / 19.948	0.9R 0.7R	62.5 62.3	1.2R	2.65 D1300-0700
C09	M24 x 3.0 56 deep	89.988 / 89.966	89.6	221.5 221.0	3	108	192	227	25.000 / 24.948	1.5R 1.25R	81.0 80.8	1.2R	3.15 D1300-0900
C10	M24 x 3.0 50 deep	99.988 / 99.966	99.6	257.5 257.0	3	132	217	263	28.000/ 27.948	1.5R 1.25R	90.0 89.8	1.2R	3.15 D1300-1000

DISASSEMBLY METHOD FROM SHAFT



* PARTS SUPPLIED BY CUSTOMER

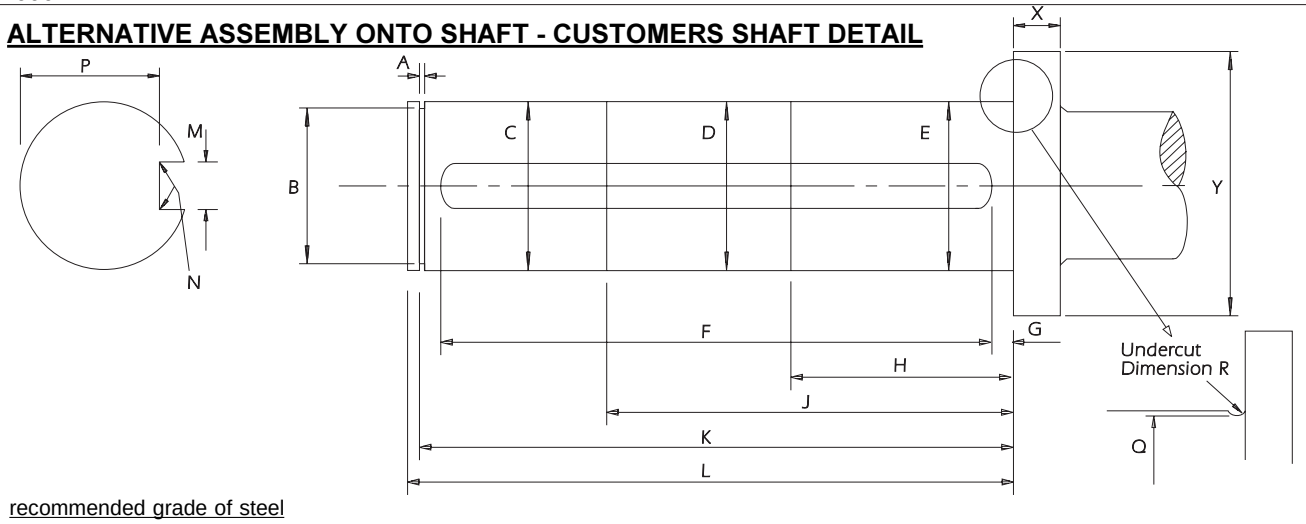


SIZE	a	b	c	d	e	f	g	h	j	k	l	m	n
C03	20.021 20.000	3	5	19.9	7	M10 x 1.5	6	22	11.2	10	12	5	120
C04	30.021 30.000	3	5	29.9	13	M16 x 1.5	8	33	20.8	15	17	5	160
C05	35.025 35.000	3	5	34.9	13	M16 x 1.5	10	38	25.2	15	17	5	160
C06	45.025 45.000	5	5	44.9	20	M24 x 1.5	14	49	34.1	20	23	5	250
C07	60.030 60.000	3	8	59.9	26	M30 x 1.5	18	64	47.4	24	27	5	250
C08	70.030 70.000	5	8	69.9	26	M30 x 1.5	20	74.5	56.4	24	27	5	310
C09	90.035 90.000	6	8	89.9	26	M30 x 1.5	25	95	75.3	24	27	5	360
C10	100.035 100.000	8	8	99.9	32	M36 x 1.5	28	106	84.1	30	34	5	420

SHAFT MOUNT UNITS
ALTERNATIVE SHAFT FIXING METHODS

0004

ALTERNATIVE ASSEMBLY ONTO SHAFT - CUSTOMERS SHAFT DETAIL

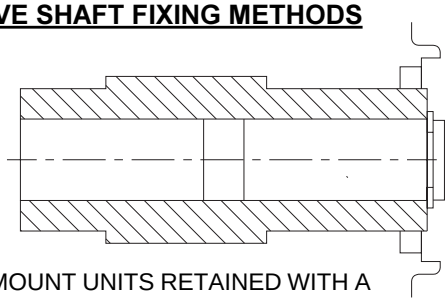


recommended grade of steel

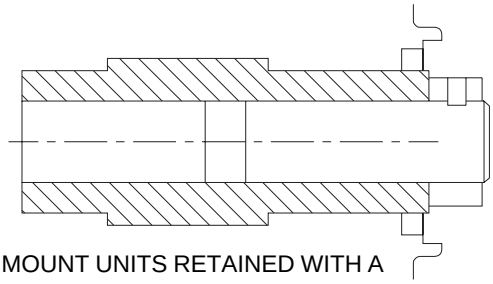
Sizes C03 to C06	-	605M36	55/65 t
Sizes C07 to C10	-	709M40T	55/65 t

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	X	Y
C03	1.44 1.30	19.00 18.87	19.992 19.980	-	19.993 19.980	61.3 61.0	32	-	-	125.30 125.20	127	5.982 5.953	0.2R	16.50 16.40	19	0.8R	3	26
C04	1.74 1.60	28.60 28.39	29.992 29.980	-	29.993 29.980	78.3 78.0	26	-	-	131.60 131.50	134	7.985 7.949	0.4R	26.00 25.80	29	0.8R	4	36
C05	1.74 1.60	33.00 32.75	34.991 34.976	-	34.991 34.975	77.4 77.0	31.5	-	-	141.61 141.50	144	9.985 9.949	0.4R	30.00 29.80	34	0.8R	4	40
C06	1.99 1.85	42.50 42.25	44.991 44.976	-	44.991 44.975	100.5 100.0	38	-	-	181.85 181.75	186	13.982 13.939	0.4R	39.50 39.30	44	0.8R	7	51
C07	2.29 2.15	57.00 56.70	59.990 59.971	59.62 59.38	60.000 59.981	199.5 199.0	9.5	79	139	220.10 220.05	225	18.000 17.957	0.9 0.7R	53.00 52.80	58	1.2R	10	70
C08	2.79 2.65	67.00 66.70	69.990 69.971	69.62 69.38	70.000 69.981	236.5 236.0	7.0	90	160	252.65 252.60	258	20.000 19.948	0.9 0.7R	62.50 62.30	68	1.2R	10	80
C09	3.33 3.15	86.50 86.15	89.988 89.966	89.62 89.38	90.000 89.978	281.5 281.0	9.5	107.5	192.5	303.15 303.10	309	25.000 24.948	1.5 1.25R	81.00 80.80	88	1.2R	10	100
C10	3.33 3.15	96.50 96.15	99.988 99.966	99.62 99.38	100.000 99.978	330.5 330.0	10.0	132.5	217.5	353.15 353.10	359	28.000 27.948	1.5 1.25R	90.00 89.80	98	1.2R	21	110

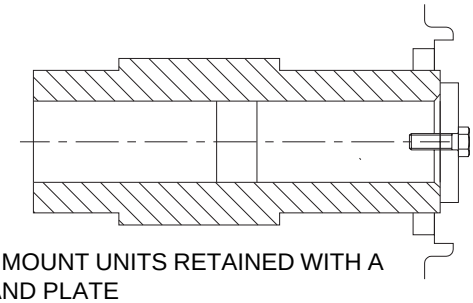
ALTERNATIVE SHAFT FIXING METHODS



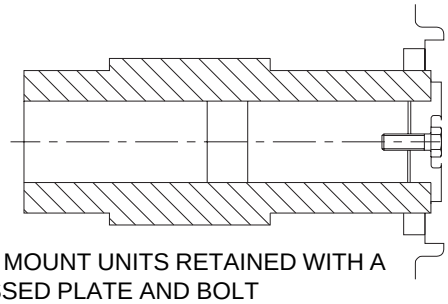
SHAFT MOUNT UNITS RETAINED WITH A CIRCLIP



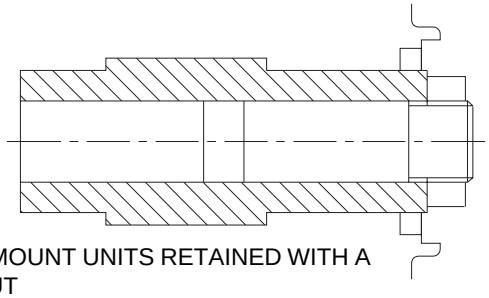
SHAFT MOUNT UNITS RETAINED WITH A COLLAR AND GRUBSCREW



SHAFT MOUNT UNITS RETAINED WITH A BOLT AND PLATE



SHAFT MOUNT UNITS RETAINED WITH A RECESSED PLATE AND BOLT

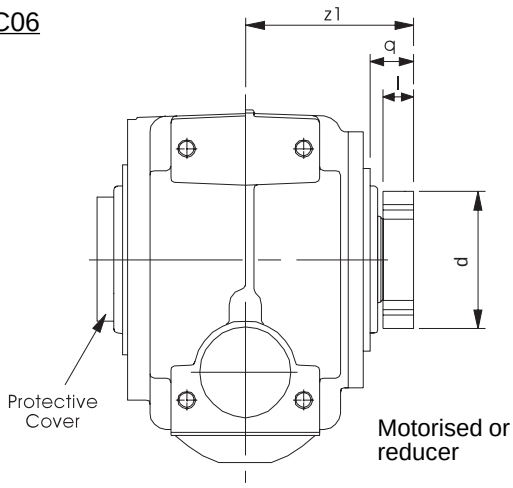


SHAFT MOUNT UNITS RETAINED WITH A LOCKNUT

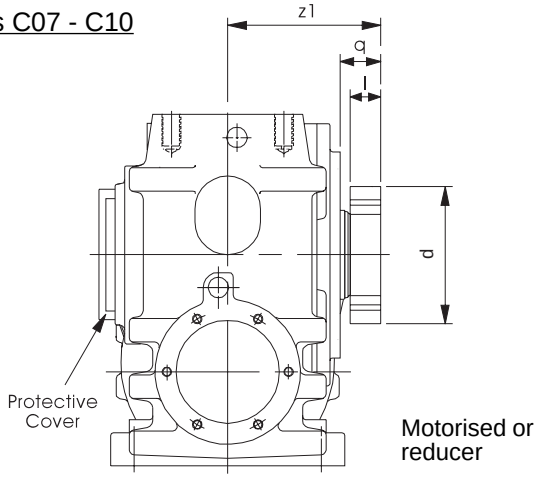
DIMENSIONS (mm)
TAPER RELEASE BUSHING

9907

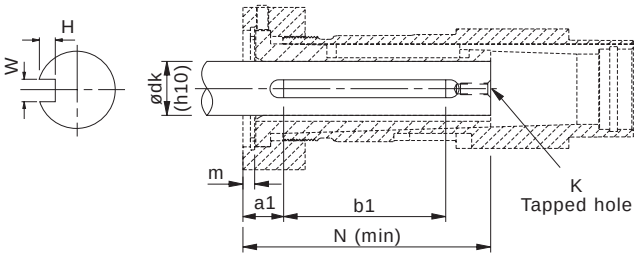
Sizes C05 & C06



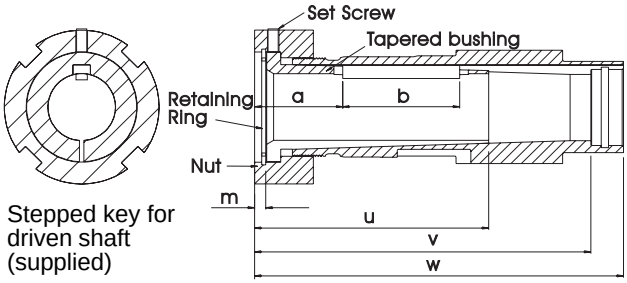
Sizes C07 - C10



Driven shaft

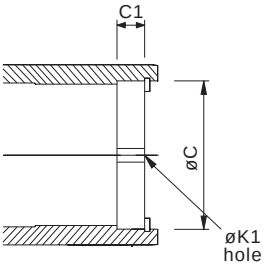


Thin walled



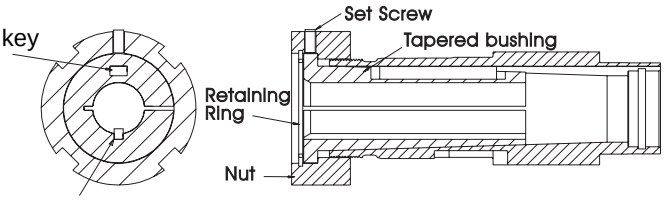
Stepped key for driven shaft (supplied)

End plate
(not supplied)



Thick walled

Hollow shaft key (supplied)



Square key for driven shaft (not supplied)

- Consult standard unit selection tables for kW and torque ratings

SIZE	key		bush	hollow shaft		nut			gear unit	
	a	b	u	v	w	d	l	m	q	z1
C05 (107)TR	48	64	127	169	187	84	32	7	55	117
C06 (115)TR	53	70	141	205	231	103	37	8	49	141
C07 (203)TR	40	83	141	239	264	108	37	8	50	155
C08 (207)TR	32	108	155	265	297	122	37	8	52	172
C09 (215)TR	53	89	180	325	351	145	45	10	57	201
C10 (307)TR	40	127	188	366	403	154	45	10	61	228

- All other gear unit dimensions may be obtained from the standard unit dimension pages

DIMENSIONS (mm)
TAPER RELEASE BUSHING

9907

size	Driven shaft diameter * (ødk)	bushing style	driven shaft keyway			driven shaft			end plate			circlip	bushing weight (kg)
			width (W)	depth (H)	min length ▲ (b1)	a1	K	N (min)	øC	C1	K1		
C05(107)TR	25	Thick	8	4	110	-	M12	127	41	7.5	M16	N1300-0162	1.0
	30	Thick	8	4	110	-	M12	127	41	7.5	M16	N1300-0162	0.8
	32	Thin	10	5	74	48	M12	127	41	7.5	M16	N1300-0162	0.7
	35	Thin	10	5	74	48	M12	127	41	7.5	M16	N1300-0162	0.6
C06 (115)TR	30	Thick	8	4	125	-	M12	141	57	9	M16	N1300-0225	2.0
	32	Thick	10	5	125	-	M12	141	57	9	M16	N1300-0225	2.0
	35	Thick	10	5	125	-	M12	141	57	9	M16	N1300-0225	1.7
	38	Thick	10	5	125	-	M12	141	57	9	M16	N1300-0225	1.5
	40	Thin	12	5	82	53	M12	141	57	9	M16	N1300-0225	1.5
	42	Thin	12	5	82	53	M12	141	57	9	M16	N1300-0225	1.3
	45	Thin	14	5.5	84	53	M12	141	57	9	M16	N1300-0225	1.0
C07 (203)TR	35	Thick	10	5	125	-	M16	141	61	11	M20	N1300-0244	2.4
	38	Thick	10	5	125	-	M16	141	61	11	M20	N1300-0244	2.2
	40	Thick	12	5	125	-	M16	141	61	11	M20	N1300-0244	2.0
	42	Thick	12	5	125	-	M16	141	61	11	M20	N1300-0244	1.9
	45	Thick	14	5.5	100	-	M16	141	61	11	M20	N1300-0244	1.4
	50	Thin	14	5.5	97	40	M16	141	61	11	M20	N1300-0244	1.4
	55	Thin	16	6	99	40	M16	141	61	11	M20	N1300-0244	1.0
C08 (207)TR	40	Thick	12	5	155	-	M16	155	71	11	M20	N1300-0281	3.0
	42	Thick	12	5	155	-	M16	155	71	11	M20	N1300-0281	3.0
	45	Thick	14	5.5	155	-	M16	155	71	11	M20	N1300-0281	2.8
	50	Thin	14	5.5	122	32	M16	155	71	11	M20	N1300-0281	2.4
	55	Thin	16	6	124	32	M16	155	71	11	M20	N1300-0281	2.0
	60	Thin	18	7	126	32	M16	155	71	11	M20	N1300-0281	1.4
C09 (215)TR	50	Thick	14	5.5	180	-	M20	180	84	12.5	M24	N1300-0334	5.0
	55	Thick	16	6	180	-	M20	180	84	12.5	M24	N1300-0334	4.6
	60	Thick	18	7	180	-	M20	180	84	12.5	M24	N1300-0334	4.6
	65	Thin	18	7	107	53	M20	180	84	12.5	M24	N1300-0334	3.4
	70	Thin	20	7.5	109	53	M20	180	84	12.5	M24	N1300-0334	2.7
C10 (307)TR	60	Thick	18	7.0	180	-	M24	188	95	14	M30	N1300-0375	7.0
	65	Thick	18	7.0	180	-	M24	188	95	14	M30	N1300-0375	6.4
	70	Thin	20	7.5	147	40	M24	188	95	14	M30	N1300-0375	5.7
	75	Thin	20	7.5	147	40	M24	188	95	14	M30	N1300-0375	5.0
	80	Thin	22	9.0	149	40	M24	188	95	14	M30	N1300-0375	5.0
	85	Thin	22	9.0	149	40	M24	188	95	14	M30	N1300-0375	3.3

* Check strength of driven shaft

▲ Check strength and length of key (when key not supplied ie thick wall bushing)

IMPORTANT

Product Safety Information

General - The following information is important in ensuring safety. It **must** be brought to the attention of personnel involved in the selection of Textron Power Transmission equipment, those responsible for the design of the machinery in which it is to be incorporated and those involved in its installation, use and maintenance.

Textron Power Transmission equipment will operate safely provided it is selected, installed, used and maintained properly. As with any power transmission equipment **proper precautions must** be taken as indicated in the following paragraphs, to ensure safety.

Potential Hazards - these are **not** necessarily listed in any order of severity as the degree of danger varies in individual circumstances. It is important therefore that the list is studied in its entirety:-

1) Fire/Explosion
   (a) Oil mists and vapour are generated within gear units. It is therefore dangerous to use naked lights in the proximity of gearbox openings, due to the risk of fire or explosion.
   (b) In the event of fire or serious overheating (over 300 °C), certain materials (rubber, plastics, etc.) may decompose and produce fumes. Care should be taken to avoid exposure to the fumes, and the remains of burned or overheated plastic/rubber materials should be handled with rubber gloves.

2) Guards - Rotating shafts and couplings must be guarded to eliminate the possibility of physical contact or entanglement of clothing. It should be of rigid construction and firmly secured.

3) Noise - High speed gearboxes and gearbox driven machinery may produce noise levels which are damaging to the hearing with prolonged exposure. Ear defenders should be provided for personnel in these circumstances. Reference should be made to the Department of Employment Code of Practice for reducing exposure of employed persons to noise.

4) Lifting - Where provided (on larger units) only the lifting points or eyebolts must be used for lifting operations (see maintenance manual or general arrangement drawing for lifting point positions). Failure to use the lifting points provided may result in personal injury and/or damage to the product or surrounding equipment. Keep clear of raised equipment.

5) Lubricants and Lubrication
   (a) Prolonged contact with lubricants can be detrimental to the skin. The manufactures instruction must be followed when handling lubricants.
   (b) The lubrication status of the equipment must be checked before commissioning. Read and carry out all instructions on the lubricant plate and in the installation and maintenance literature. Heed all warning tags. Failure to do so could result in mechanical damage and in extreme cases risk of injury to personnel.

6) Electrical Equipment - Observe hazard warnings on electrical equipment and isolate power before working on the gearbox or associated equipment, in order to prevent the machinery being started.

7) Installation, Maintenance and Storage
   (a) In the event that equipment is to be held in storage, for a period exceeding 6 months, prior to installation or commissioning, Textron Power Transmission must be consulted regarding special preservation requirements. Unless otherwise agreed, equipment must be stored in a building protected from extremes of temperature and humidity to prevent deterioration.

   The rotating components (gears and shafts) must be turned a few revolutions once a month (to prevent bearings brinelling).
   (b) External gearbox components may be supplied with preservative materials applied, in the form of a "waxed" tape overwrap or wax film preservative. Gloves should be worn when removing these materials. The former can be removed manually, the latter using white spirit as a solvent.

   Preservatives applied to the internal parts of the gear units do not require removal prior to operation.
   (c) Installation must be performed in accordance with the manufacturer's instructions and be undertaken by suitably qualified personnel.
   (d) Before working on a gearbox or associated equipment, ensure that the load has been removed from the system to eliminate the possibility of any movement of the machinery and isolate power supply. Where necessary, provide mechanical means to ensure the machinery cannot move or rotate. Ensure removal of such devices after work is complete.
   (e) Ensure the proper maintenance of gearboxes in operation. Use only the correct tools and Textron Power Transmission approved spare parts for repair and maintenance. Consult the Maintenance Manual before dismantling or performing maintenance work.

8) Hot Surfaces and Lubricants
   (a) During operation, gear units may become sufficiently hot to cause skin burns. Care must be taken to avoid accidental contact.
   (b) After extended running the lubricant in gear units and lubrication systems may reach temperatures sufficient to cause burns. Allow equipment to cool before servicing or performing adjustments.

9) Selection and Design
   (a) Where gear units provide a backstop facility, ensure that back-up systems are provided if failure of the backstop device would endanger personnel or result in damage.
   (b) The driving and driven equipment must be correctly selected to ensure that the complete machinery installation will perform satisfactorily, avoiding system critical speeds, system torsional vibration, etc.
   (c) The equipment must not be operated in an environment or at speeds, powers, torques or with external loads beyond those for which it was designed.
   (d) As improvements in design are being made continually the contents of this catalogue are not to be regarded as binding in detail, and drawings and capacities are subject to alterations without notice.

The above guidance is based on the current state of knowledge and our best assessment of the potential hazards in the operation of the gear units.

Any further information or clarification required may be obtained by contacting Textron Power Transmission.

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0203

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AGRICULTURE

AUTOMOTIVE

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PULP & PAPER

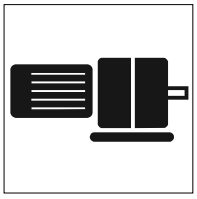
QUARRYING

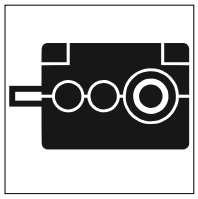
RUBBER & PLASTICS

TEXTILES

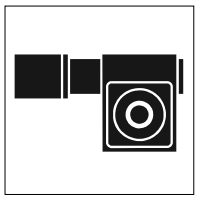
TRANSPORTATION

WATER

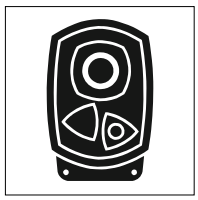

Geared motors

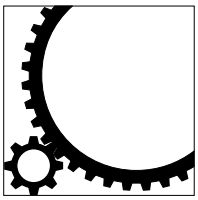

Industrial reducers

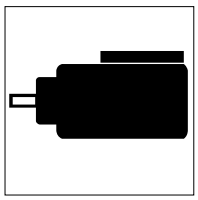

Worm

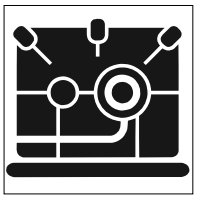

Precision products


Screwjacks

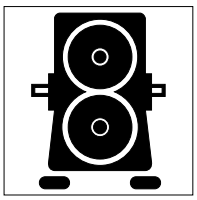

Shaftmount

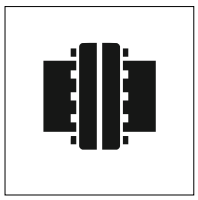

Horizontal mill drives


Vertical mill drives

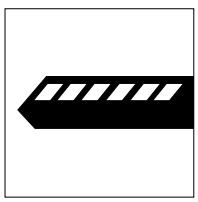

High speed


Planetary units


Specialist drives


Couplings


Defence Systems


Rail

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