Series M

POWER BUILD LIMITED

Catalogue No: M/PC/03/08-10/1000

INFRASTRUCTURE

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GENERAL DESCRIPTION
EXAMPLES OF TYPES AND VERSIONS

Series M

Series M Inline geared motors and reducers provide a very efficient and compact drive solution to meet most requirements up to 90kW with maximum output torque capacity of 11000Nm.

Following in a long line of PBL products, the range takes advantage of 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, high efficiency, quiet running and reliability.

The Range Includes

Nine sizes of unit with a ratio coverage of 1.4/1 to 70/1 in double reduction and up to 250/1 in triple reduction and 16200/1 in combined units.

Version B - Base mounted
Version F - Flange mounted

Unit type M - Motorised
Unit type G - Motorised (non std motor)
Unit type R - Reducer
Unit type S - Reducer unit fitted with a fan
Unit type X - Reducer unit fitted with a backstop
Unit type Y - Reducer unit with a fan & backstop

Design Features Include

Patented standard motor connection (IEC)

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

All units being suitable to fit IEC. standard motors.

All units are dimensionally interchangeable with other major manufacturers.

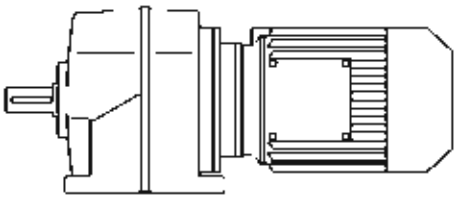
Brake geared motors are available as optional.

Sizes 03, 04, 06 and 07 are all supplied with lubricant.

Sizes 08, 09, 10, 13 and 14 are supplied without lubricant.

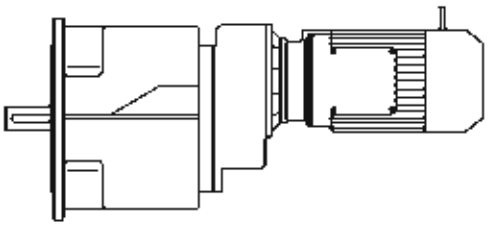
Motorised units can be fitted with a backstop module and reducer units can be fitted with a backstop and fan.

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.



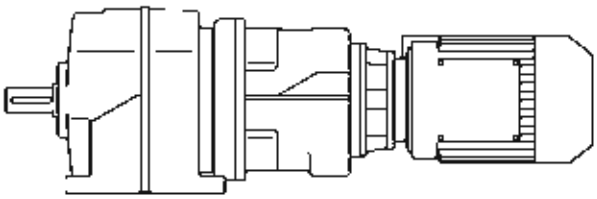
Two stage base mounted motorised

* M 0 3 2 0 8 . 0 B M C - 1 A . 7 5 4 A -



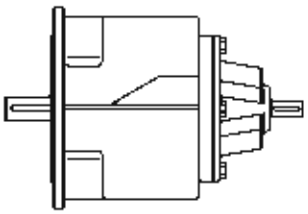
Three stage flange mounted braked motor with hand release

* M 0 4 3 0 5 0 . F M E - 7 A . 1 8 4 C C



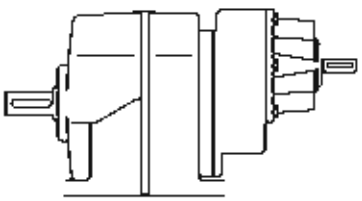
Four stage base mounted motorised

* M 0 5 4 0 2 5 0 B M C - 1 A . 1 8 4 A V



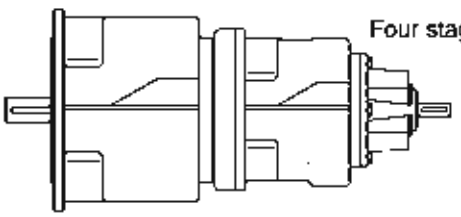
Two stage flange mounted reducer

* M 0 3 2 0 2 5 . F R C - 7 - - - - - - A



Three stage base mounted reducer

* M 0 5 3 0 1 2 5 B R C - 1 - - - - - - S

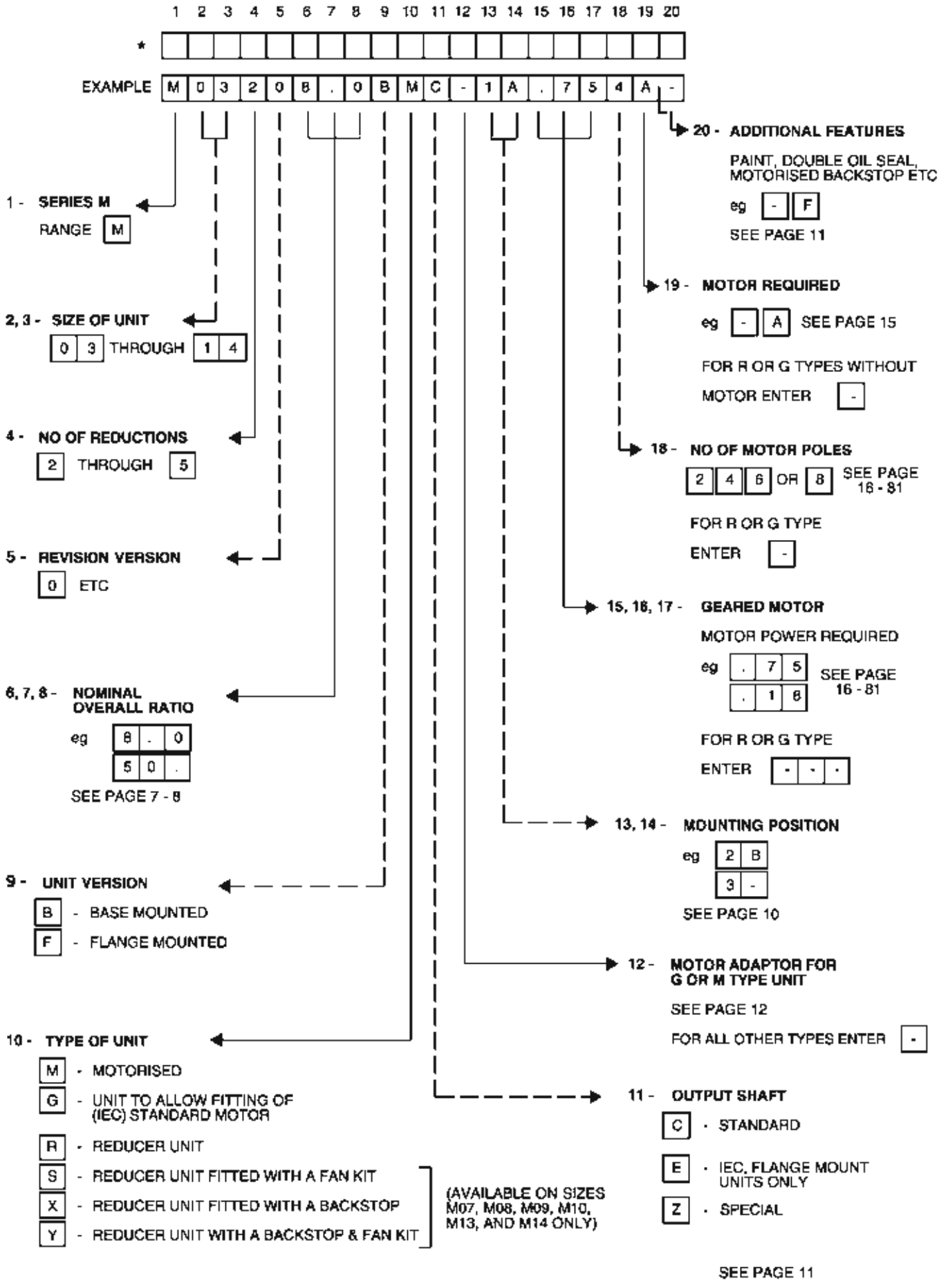


Four stage flange mounted reducer

* M 0 7 4 0 3 9 C F R C - 7 - - - - - - B

* Typical unit designations

UNIT DESIGNATIONS



* 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 , 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).

For applications where units are to operate in extremely dusty or moist/humid atmospheres unit selection should be referred to Power Build Limited application engineers.

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

Table 3

U = Uniform load

M = Moderate shock load

H = Heavy shock load

† = Refer to Power Build Limited

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	†

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 32

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	
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
194	7.13	36	3.95	2983	M 0 4 2 0 7 1 M - .7 5 4 A	21.5	80
173	8	41	3.72	3038	8 . 0		
152	9.09	48	3.35	3102	9 . 0		
143	9.7	50	3.09	3127	1 0 .		
125	11.03	57	2.81	3206	1 1 .		
112	12.37	63	2.62	3321	1 2 .		
89	14.05	72	2.38	3431	1 4 .		
87	15.87	82	1.95	3540	1 6 .		
80	17.25	89	1.94	3618	1 8 .		
68	20.23	104	1.77	3773	2 0 .		
63	21.99	113	1.63	3852	2 2 .		
56	24.85	128	1.39	3632	2 5 .		

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	
	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
4 POLE	152	9.09	46	3.35	3102	M 0 4 2 0 9 . 0 _ M _ - _ _ . 7 5 4 A _	21.5	80
	143	9.7	50	3.09	3127	1 0 .		
	126	11.03	57	2.81	3208	1 1 .		
	112	12.37	63	2.62	3321	1 2 .		
	99	14.05	72	2.38	3431	1 4 .		
	87	15.87	82	1.95	3540	1 6 .		
	80	17.25	89	1.94	3618	1 8 .		
	68	20.23	104	1.77	3773	2 0 .		
	63	21.99	113	1.63	3852	2 2 .		
	56	24.85	128	1.39	3832	2 5 .		

Selected unit's output torque (M2) = 113 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

0.75 kW	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	152	9.09	46	3.35	3102	M 0 4 2 0 9 . 0 _ M _ - _ _ . 7 5 4 A _	21.5	80
	143	9.7	50	3.09	3127	1 0 .		
	126	11.03	57	2.81	3208	1 1 .		
	112	12.37	63	2.62	3321	1 2 .		
	99	14.05	72	2.38	3431	1 4 .		
	87	15.87	82	1.95	3540	1 6 .		
	80	17.25	89	1.94	3618	1 8 .		
	68	20.23	104	1.77	3773	2 0 .		
	63	21.99	113	1.63	3852	2 2 .		
	56	24.85	128	1.39	3832	2 5 .		

Selected unit's service factor (Fm) = 1.63, therefore unit is acceptable.

6 CHECK OVERHUNG LOADS

If sprocket, gear, etc is mounted on the outputshaft then refer to Overhung Loads Procedure, page 92, and compare with allowable overhung load (N) of selected unit

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

0.75 kW	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	152	9.09	46	3.35	3102	M 0 4 2 0 9 . 0 M - . 7 5 4 A	21.5	80
	143	9.7	50	3.09	3127	1 0 .		
	126	11.03	57	2.81	3208	1 1 .		
	112	12.37	63	2.62	3321	1 2 .		
	99	14.05	72	2.38	3431	1 4 .		
	87	15.87	82	1.95	3540	1 6 .		
	80	17.25	89	1.94	3618	1 8 .		
	68	20.23	104	1.77	3773	2 0 .		
	63	21.99	113	1.63	3852	2 2 .		
	56	24.85	128	1.39	3832	2 5 .		

NOTE: If any of the following conditions occur then consult Power Build Limited 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]	M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1 . 4	1.440	1.454	1.446	1.453	1.449	1.479	1.442	-	-
1 . 8	1.945	2.039	2.033	2.013	2.054	2.036	2.015	-	-
2 . 2	2.213	2.247	2.278	2.261	2.282	2.282	2.191	-	-
2 . 5	2.507	2.552	2.557	2.486	2.536	2.562	2.489	-	-
2 . 8	2.945	2.815	2.812	2.881	2.909	2.969	2.992	2.904	2.888
3 . 2	3.206	3.241	3.248	3.247	3.282	3.301	3.242	3.189	3.247
3 . 6	3.455	3.682	3.681	3.692	3.684	3.686	3.500	3.638	3.622
4 . 0	3.979	3.949	3.953	3.991	4.123	4.086	4.179	4.025	4.029
4 . 5	4.526	4.351	4.431	4.483	4.580	4.582	4.545	4.421	4.537
5 . 0	5.066	5.034	5.040	5.094	5.117	5.073	4.938	5.042	5.333
5 . 6	5.762	5.547	5.649	5.722	5.684	5.686	5.370	5.538	5.005
6 . 3	6.557	6.276	6.316	6.438	6.588	6.628	6.724	6.210	6.548
7 . 1	7.067	7.130	7.160	7.320	7.396	7.404	7.260	6.879	7.270
8 . 0	8.348	8.000	8.053	8.218	8.175	8.224	7.945	7.779	8.667
9 . 0	8.997	9.088	9.129	9.344	9.178	9.188	8.578	8.618	9.623
1 0 .	10.11	9.705	9.832	9.778	10.22	10.27	10.59	9.891	10.06
1 1 .	11.56	11.03	11.44	11.24	11.90	11.71	11.98	11.20	11.43
1 2 .	12.88	12.37	12.54	12.48	12.68	12.74	12.51	12.39	13.32
1 4 .	14.71	14.05	14.58	14.34	14.76	14.53	14.16	14.03	15.13
1 6 .	15.60	15.87	16.16	16.09	16.34	16.59	16.43	15.97	16.43
1 8 .	18.28	17.25	17.25	18.20	18.44	18.43	18.25	18.00	18.11
2 0 .	19.86	20.23	20.61	20.54	20.27	20.59	19.41	20.00	21.75
2 2 .	23.27	21.99	22.00	23.23	22.89	22.87	21.57	22.55	23.97
2 5 .	25.56	24.85	25.25	25.16	26.07	26.04	26.03	25.45	26.07
2 8 .	28.40	28.00	27.65	27.56	28.64	28.74	29.99	28.35	28.25
3 2 .	32.54	31.68	32.19	32.12	32.35	32.31	30.76	31.89	34.51
3 6 .	36.16	35.69	35.25	35.17	35.54	35.67	35.44	35.52	37.39
4 0 .	38.73	39.37	38.75	39.24	40.82	40.25	37.06	39.01	39.42
4 5 .	43.03	44.36	42.43	42.98	44.84	44.44	42.70	43.45	42.71
5 0 .	49.91	47.09	48.15	48.56	47.56	49.07	47.93	48.63	51.27
5 6 .	56.72	53.54	54.00	53.96	54.76	55.18	51.49	51.74	57.52
6 3 .	59.39	58.54	57.96	59.34	60.00	61.13	57.75	59.49	58.57
7 1 .	67.50	66.55	65.00	65.93	69.09	68.74	62.05	63.29	65.70

EXACT RATIOS - TRIPLE REDUCTION

NOMINAL RATIO COLUMN ENTRY [6][7][8]	M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
3 6 .	36.12	35.19	35.47	35.49	·	·	·	..	
4 0 .	41.28	40.22	40.30	41.28	·	·	·	39.93	41.36
4 5 .	45.99	44.86	45.23	45.30	·	·	·	44.18	48.21
5 0 .	52.55	51.26	51.38	52.69	·	·	·	50.02	54.75
5 6 .	55.71	54.28	58.00	58.34	59.07	59.85	60.23	56.93	59.46
6 3 .	65.27	63.60	63.06	62.29	66.68	66.49	66.93	64.17	65.55
7 1 .	70.93	69.19	73.95	74.47	73.30	74.26	71.17	71.32	78.70
8 0 .	83.10	81.07	80.40	79.51	82.74	82.51	79.08	80.39	86.76
9 0 .	91.29	88.94	90.84	91.15	94.26	93.92	95.44	90.75	94.35
1 0 0	101.4	98.82	102.4	99.80	103.5	103.7	110.0	101.1	102.2
1 1 2	116.2	113.4	115.8	116.3	117.0	116.5	112.8	113.7	124.9
1 2 5	129.1	126.0	130.5	127.4	128.5	128.7	129.9	126.6	135.3
1 4 0	138.3	140.9	139.4	142.2	147.6	145.2	135.9	139.1	142.7
1 6 0	153.7	156.6	157.1	155.7	162.1	160.3	156.6	154.9	154.6
1 8 0	178.2	173.9	172.2	174.0	171.9	177.0	175.7	173.4	185.6
2 0 0	202.6	197.6	195.8	195.2	198.0	199.0	188.8	184.5	208.2
2 2 5	212.1	216.1	207.3	212.6	216.9	220.5	211.8	212.1	212.0
2 5 0	241.1	245.6	235.6	238.5	249.8	248.0	227.5	225.6	237.8

EXACT RATIOS - QUADRUPLE REDUCTION

NOMINAL RATIO	COLUMN ENTRY 6 7 8	M0640	M0740	M0840	M0940	M1040	M1340	M1440
250	2 5 0	251.5	247.4	261.7	261.6	242.3	294.1	282.1
300	3 0 0	297.7	313.9	318.2	328.7	337.0	332.0	316.7
350	3 5 0	349.0	368.0	370.0	360.3	374.3	368.4	352.7
400	4 0 0	379.4	400.1	394.9	419.1	430.1	415.9	437.7
450	4 5 0	461.9	454.3	471.7	471.1	441.1	463.2	509.4
500	5 0 0	483.1	509.5	503.5	496.0	545.7	522.8	563.8
560	5 6 0	555.3	554.0	558.3	557.5	559.6	586.1	636.4
650	6 5 0	615.9	649.5	632.7	632.4	696.6	655.0	699.7
780	7 8 0	765.5	807.2	806.7	784.7	777.0	812.8	789.8
860	8 6 0	812.6	856.9	888.0	846.7	823.1	896.8	899.7
1000	1 0 C	976.0	1030	971.0	986.2	976.5	1017	975.0
1100	1 1 C	1036	1094	1102	1080	1113	1113	1116
1200	1 2 C	1227	1222	1215	1229	1177	1262	1210
1350	1 3 C	1302	1298	1379	1345	1341	1393	1329
1550	1 5 C	1564	1560	1508	1513	1523	1592	1526
1700	1 7 C	1660	1656	1711	1717	1721	1689	1778
1900	1 9 C	1882	1907	1902	1886	1835	1945	2048
2100	2 1 C	1998	2024	2159	2140	2074	2066	2243
2300	2 3 C	2268	2287	2290	2400	2304	2379	2384
2600	2 6 C	2578	2600	2568	2594	2534	2607	2685
2900	2 9 C	2891	2889	2889	2943	2815	2829	2946
3200	3 2 C	3103	3177	3240	3301	3116	3258	3125
3550	3 5 C	3480	3530	3731	3543	3427	3569	3598
3900	3 9 C	3857	3949	4004	3974	3807	3797	3942
4350	4 3 C	4325	4387	4491	4488	4091	4373	4539

EXACT RATIOS - QUINTUPLE REDUCTION

NOMINAL RATIO	COLUMN ENTRY 6 7 8	M0650	M0750	M0850	M0950	M1050	M1350	M1450
4800	4 8 C	4758	4799	4985	4992	4692	4770	5148
5300	5 3 C	5269	5345	5378	5363	5214	5300	5720
5500	5 5 C	5345	5414	5591	5599	5584	5442	5815
6000	6 0 C	6065	6117	6187	6195	6310	6149	6571
6800	6 8 C	6643	6729	6878	6801	6729	6657	7282
7500	7 5 C	7539	7603	7805	7718	7603	7522	7975
8200	8 2 C	8188	8305	8279	8363	8448	8358	8340
8700	8 7 C	8384	8492	8753	8656	8534	8958	9011
9200	9 2 C	9075	9290	9285	9290	9290	9190	9171
9600	9 6 C	9514	9596	9533	9583	9482	9355	10012
10300	1 0 K	10177	10323	10445	10258	10322	10212	11231
11000	1 1 K	10670	10682	11176	10748	11203	10945	12351
12000	1 2 K	11453	11725	11714	11907	12448	12161	12577
13000	1 3 K	13263	13252	12573	12780	13499	13389	13723
14500	1 4 K	14235	14573	14477	14333	14999	14877	14108
16200	1 6 K	15964	16193	16236	16117	-	-	15676

NOMINAL RATIO ENTERED IN COLUMNS 6 7 8

Gear units 03, 04, 06 & 07 will be supplied filled with a quantity of EP mineral oil (Grade 6E) appropriate to the intended mounting position. However if, as requested, the unit is supplied without lubricant then the oil quantity required is obtained from Table 1. Gear units 08, 09, 10, 13 & 14 are supplied without lubricant. Recommended lubricants are listed in Table 2. See below for ambient temperature limitations.

LUBRICATION CHANGE PERIOD

- Sizes 03 and 04 are filled for life.
- All other sizes of Series M will require an oil change: - 10,000 hours for mineral oil
  - 20,000 hours for synthetic oil

TEMPERATURE LIMITATIONS

The standard lubricant is suitable for operation in ambient temperatures of 0° to 35°C, outside of this consult Table 2 or Power Build Limited Application Engineers.

TABLE 1 LUBRICANT QUANTITY (Litres) Oil qantities are approximate, fill gearbox until oil escapes from level plug hole

DOUBLE AND TRIPLE REDUCTION AND FINAL STAGE QUADRUPLE AND QUINTUPLE REDUCTION

Unit Size		M0320	M0330	M0420	M0430	M0620	M0630	M0720	M0730	M0820	M0830	M0920	M0930	M1020	M1030	M1320	M1330	M1420	M1430
MOUNTING POSITION	1	0.6	0.8	0.6	0.9	1.7	1.8	2.8	3.0	4.6	6.4	10.5	11.5	11.0	11.0	17.0	17.0	24.0	24.0
	2	0.6	0.8	0.6	0.9	2.1	2.4	4.0	4.9	6.8	7.1	12.0	11.5	22.0	23.0	31.0	33.0	49.0	50.0
	3	0.8	1.0	1.1	1.3	2.4	2.8	4.4	5.4	7.3	6.9	12.0	11.5	22.0	23.0	31.0	33.0	49.0	50.0
	4	0.8	1.0	1.1	1.3	2.7	3.4	5.4	7.0	6.4	6.9	12.0	11.5	19.0	20.0	28.0	30.0	41.0	43.0
	5	0.8	1.7	1.4	2.1	3.5	4.8	5.2	9.0	10.0	8.0	16.8	16.8	32.0	32.0	47.0	47.0	72.0	72.0
	6	1.0	1.5	1.6	2.1	3.2	4.8	6.0	9.0	9.6	9.3	16.4	16.5	26.0	27.0	38.0	40.0	65.0	67.0
	7	0.6	0.8	0.6	0.9	1.7	2.2	3.3	3.4	2.6	2.4	5.5	6.0	8.0	8.0	14.0	14.0	20.0	20.0
	8	0.8	1.7	1.4	2.1	3.1	5.0	6.3	10.0	9.5	9.0	16.0	16.0	22.0	22.0	45.0	45.0	65.0	65.0
	9	1.0	1.5	1.6	2.1	3.6	5.0	6.8	9.0	10.5	10.0	17.0	19.0	28.0	29.0	43.0	44.0	65.0	67.0

PRIMARY STAGE QUADRUPLE AND QUINTUPLE REDUCTION (Quantities obtained from above double and triple for sizes indicated)

Unit Size	M0640	M0650	M0740	M0750	M0840	M0850	M0940	M0950	M1040	M1050	M1340	M1350	M1440	M1450
PRIMARY UNIT	M0420	M0430	M0420	M0430	M0620	M0620	M0620	M0620	M0720	M0720	M0820	M0720	M0820	M0720
SECONDARY UNIT	M0620	M0620	M0720	M0720	M0820	M0830	M0920	M0930	M1020	M1030	M1320	M1330	M1420	M1430

TABLE 2 RECOMMENDED LUBRICANTS

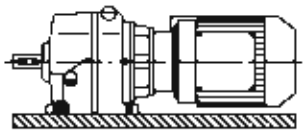
NUMBERS IN BRACKETS INDICATES RECOMMENDED MINIMUM OPERATING TEMPERATURE °C.

LUBRICANT SUPPLIER	LUBRICANT RANGE NAME	ISO VISCOSITY / GRADE NO. 220 / 5E	320 / 6E	460 / 7E
Type E - Mineral oils containing industrial EP additives		AMBIENT TEMPERATURE RANGE °C -5 to 20	0 to 35	20 to 50
Batoyle Freedom Group	Remus	220 (-2)	320 (-2)	460 (-2)
Boxer Services incorporated with Millers Oils Limited	Indus	220 (-10)	320 (-10)	460 (-10)
BP Oil International Limited	Energol GR-XF	220 (-16)	320 (-13)	460 (-1)
	Energol GR-XP	220 (-15)	320 (-10)	460 (-7)
Caltex	Meropa	220 (-4)	320 (-4)	460 (-4)
	RPM Borate EP Lubricant	220 (-7)	320 (-4)	460 (-7)
Carl Bechem GmbH	Berugear GS BM	220 (-20)	320 (-13)	460 (-10)
	Staroil G	220 (-13)	320 (-13)	460 (-10)
Castrol International	Alpha Max	220 (-19)	320 (-13)	460 (-10)
	Alpha SP	220 (-16)	320 (-16)	460 (-1)
Chevron International Oil Company Ltd	Gear Compound EP (USA version)	220 (-16)	320 (-13)	460 (-10)
	Gear Compound EP (Eastern ver)	220 (-13)	320 (-13)	460 (-13)
	Ultra Gear	220 (-10)	320 (-7)	460 (-7)
Eko-Elda Abee	Eko Gearlub	220 (-13)	320 (-10)	460 (-1)
Engen Petroleum Limited	Gengear	220 (-15)	320 (-12)	460 (-3)
Esso	Spartan EP	220 (-16)	320 (-13)	460 (-7)
Esso/Exxon	Spartan EP	220 (-12)	320 (-12)	460 (-4)
Fuchs Lubricants	Powergear		P/Gear (-16)	M460 (-4)
	Renogear V	220EP (-13)	320EP (-4)	460EP (-4)
	Renogear WE	220 (-7)	320 (-4)	400 (-4)
	Renolin CLPF Super	6 (-13)	8 (-10)	10 (-10)
Klüber Lubrication	Klüberoil GEM1	220 (-5)	320 (-5)	460 (-5)
Kuwait Petroleum International	Q8 Goya	220 (-16)	320 (-13)	460 (-10)
Lubrication Engineers Inc	Almasol Vari-Purpose Gear	607 (-18)	605 (-13)	608 (-10)
Mobil Oil Company Limited	Mobil gear 600 Series	630 (-13)	632 (-13)	634 (-1)
	Mobil gear XMP	220 (-19)	320 (-13)	460 (-7)
Omega Manufacturing Division	Omega 690		85w/140 (-15)	
Optimol Ölwerke GmbH	Optigear BM	220 (-11)	320 (-10)	460 (-7)
	Optigear	220 (-18)	320 (-9)	460 (-7)
Pertamina (Indonesia)	Masri	220 (-4)	320 (-4)	460 (-4)
Petro-Canada	Ultima EP	220 (-22)	320 (-16)	460 (-10)
Rocol	Sapphire Hi-Torque	220 (-13)	320 (-13)	460 (-13)
Sasol Oil (Pty) Limited	Cobalt	220 (-4)	320 (-1)	460 (-4)
	Hemat	220 (-10)	320 (-7)	460 (-4)
Saudi Arabian Lubricating Oil Co.	Gear Lube EP	EP220 (-1)	EP320 (0)	EP460 (0)
Shell Oils	Omala S2G	220 (-4)	320 (-4)	460 (-4)
	Omala F	220 (-13)	320 (-10)	460 (-4)
Texaco Limited	Meropa	220 (-16)	320 (-16)	460 (-10)
	Meropa WM	220 (-19)	320 (-16)	460 (-11)
Total	Carter EP	220 (-7)	320 (-7)	460 (-4)
	Carter VP/CS	220 (-16)	320 (-13)	460 (-7)
Tribol GmbH	Molub-Alloy Gear Oil	90 (-18)	690 (-16)	140 (-13)
	Tribol 1100	220 (-20)	320 (-18)	460 (-16)
Type H - Polyalphaolefin base synthetic lubricants with EP additives		ISO VISCOSITY / GRADE NO. 220 / 5H	320 / 6H	460 / 7H
		AMBIENT TEMPERATURE RANGE °C -30 to 20	0 to 35	20 to 50
Batoyle Freedom Group	Titan	220 (-31)	320 (-28)	
Boxer Services incorporated with Millers Oils Limited	Silkgear	220 (-35)	320 (-35)	460 (-35)
BP Oil International Limited	Enersyn EPX		320 (-28)	
Caltex	Pinnacle EP	220 (-43)	320 (-43)	460 (-37)
Carl Bechem GmbH	Berusynth GP	220 (-38)	320 (-35)	460 (-32)
Castrol International	Alphasyn EP	220 (-37)	320 (-31)	460 (-31)
	Alphasyn T	220 (-31)	320 (-28)	460 (-28)
Chevron International Oil Company Ltd	Tegra	220 (-46)	320 (-33)	460 (-31)
Esso/Exxon	Spartan Synthetic EP	220 (-46)	320 (-43)	460 (-40)
Fuchs Lubricants (UK) Plc	Renogear SG	220 (-32)	320 (-30)	
	Renolin Unisyn CLP	220 (-37)	320 (-34)	460 (-28)
Klüber Lubrication	Klübersynth GEM 4	220 (-35)	320 (-35)	460 (-30)
Kuwait Petroleum International	Q8 EL Greco	220 (-22)	320 (-19)	460 (-16)
Lubrication Engineers Inc	Synolec Gear Lubricant	9920 (-40)		
Mobil Oil Company Limited	Mobilgear SHC	220 (-40)	320 (-37)	460 (-32)
	Mobilgear SHC XMP	220 (-40)	320 (-33)	460 (-31)
Optimol Ölwerke GmbH	Optigear Synthetic A	220 (-31)	320 (-31)	
Petro-Canada	Super Gear Fluid	220 (-43)	320 (-37)	460 (-37)
Shell Oils	Omala S4GX	220 (-43)	320 (-40)	460 (-37)
Texaco Limited	PinnacleEP	220 (-43)	320 (-43)	460 (-37)
	Pinnacle WM	220 (-43)	320 (-40)	
Total	Carter SP	220 (-34)	320 (-31)	460 (-28)
Tribol GmbH	Tribol 1510	220 (-36)	320 (-33)	460 (-28)

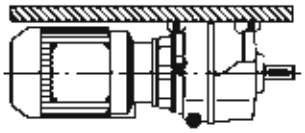
MOUNTING POSITIONS

COLUMN 13 ENTRY

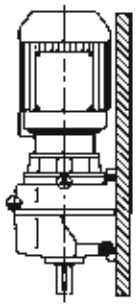
MOUNTING 1 B3



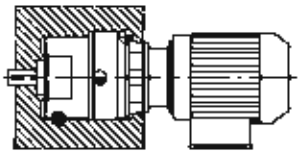
MOUNTING 4 B8



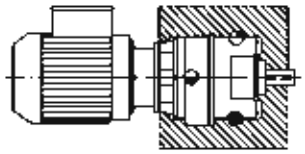
MOUNTING 5 V5



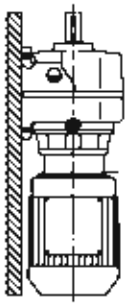
MOUNTING 3 B6



MOUNTING 2 B7

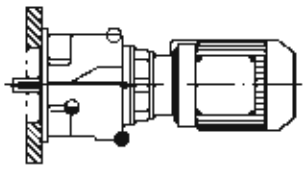


MOUNTING 6 V6

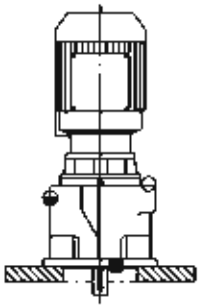


Motor must be fitted with a seal for this position

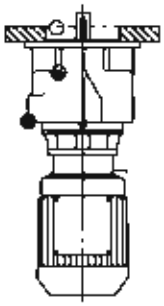
MOUNTING 7 B5



MOUNTING 8 V1



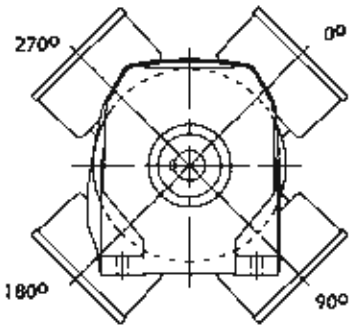
MOUNTING 9 V3



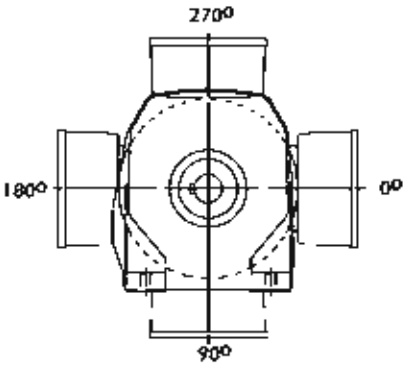
Motor must be fitted with a seal for this position

MOUNTING POSITIONS - SHOWN AS MOTORISED - APPLIES ALSO FOR REDUCERS
TERMINAL BOX SHOWN IN POSITION A - COLUMN 14 ENTRY

COLUMN 14 ENTRY



D63 MOTORS ONLY
(SIZES M03 - M04 ONLY)



ALL MOTORS

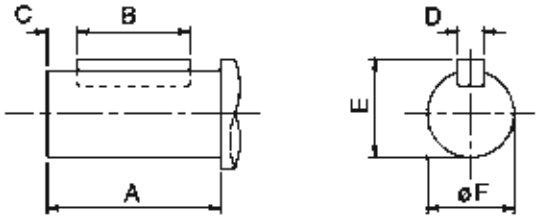
PLUG POSITIONS APPLY FOR SIZES M06 AND LARGER

- ● DRAIN POSITION
- ◒ LEVEL POSITION
- ○ VENTILATOR/FILLING POSITION

Column 14 Entry	Terminal Box Position
A	0°
B	90°
C	180°
D	270°
-	Reducer or no motor fitted

OUTPUTSHAFT OPTIONS ADDITIONAL FEATURES

OUTPUTSHAFT OPTIONS, COLUMN 11 ENTRY



** IEC available on flange mount units only

Size of Unit		M03		M04		M06		M07		M08		M09	M10	M13	M14
Type of Output Shaft		Standard	IEC **	Standard	IEC **	Standard	IEC **	Standard	IEC **	Standard	IEC **	Std. / IEC**	Std. / IEC**	Std. / IEC**	Std. / IEC**
Column 11 Entry		C	E	C	E	C	E	C	E	C	E	C	C	C	C
DIMENSIONS IN MM (Inch shaft in inches)	A	40	40	50	50	60	60	80	80	100	110	120	140	170	210
	B	32	32	40	40	50	50	70	70	80	80	100	110	140	180
	C	4	3	7	3	7	3	5	3	10	3	10	15	15	15
	D	6	6	8	8	8	8	12	10	14	14	18	20	25	28
	E	22.5	21.5	28	27	33	31	43	41	53.5	51.5	64	74.5	95	106
	øF	20.015 / 20.002	18.060 / 18.980	25.015 / 25.002	24.080 /// 23.880	30.015 / 30.002	28.080 / 27.980	40.018 / 40.002	38.018 / 38.002	50.018 /// 50.002	48.018 / 48.002	80.030 /// 80.011	70.030 / 70.011	90.035 / 90.013	100.035 / 100.013

ADDITIONAL FEATURES - COLUMN 20 ENTRY

Column 20 Entry	Double Oil Seals	Prime Painted Only	Motorised Backstop	Lubricant Type * (See lubrication details - Page 9)	
				Mineral	Synthetic
- (1)				●	
A	●			●	
B		●		●	
C	●	●		●	
D (2)					
E	●				
F		●			
G	●	●			
H					●
J	●			●	
K		●			●
L	●	●			●
M			●	●	
N	●		●	●	
P		●	●	●	
Q	●	●	●	●	
R			●		
S	●		●		
T		●	●		
U	●	●	●		
V			●		●
W	●		●		●
X		●	●		●
Y	●	●	●		●

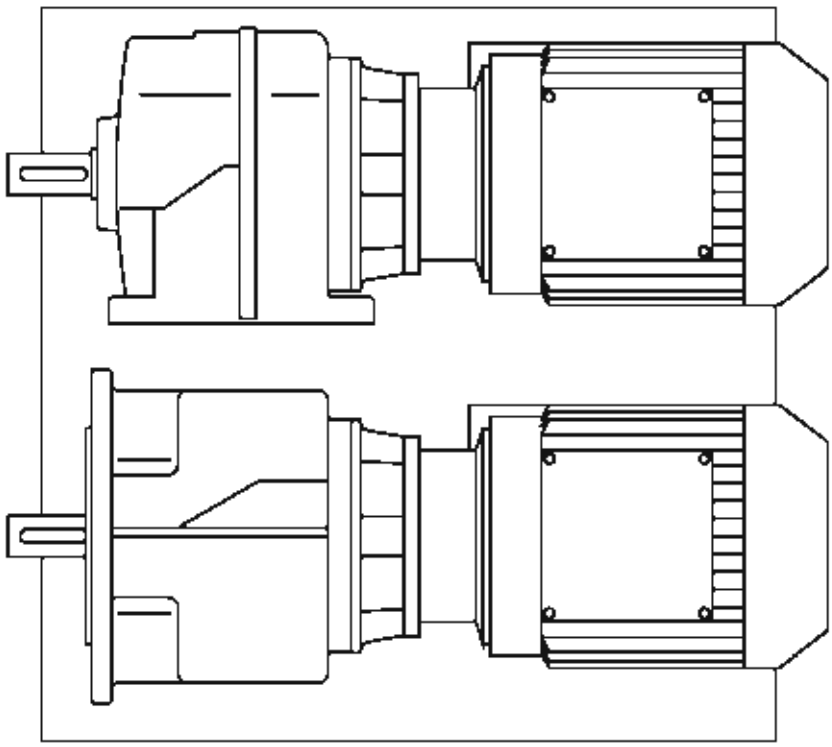
* Customer requests for special oils must be referred to Power Build Limited Applications Engineering, since a derate could result depending on oil type used.

(1) Standard option sizes M03, M04, M06 and M07 (2) Standard option sizes M08, M09, M10, M13 and M14

IEC MOTOR ADAPTORS, COLUMN 12 ENTRY FOR G OR M TYPE ONLY

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER																																						
		M0320		M0330	M0420		M0430	M0620		M0630		M0720		M0730	M0820		M0830	M0920		M0930	M1020		M1030	M1320			M1330			M1420			M1430							
	RATIO COVERAGE	1.4 - 9.0	10. - 71.	36. - 250	1.4 - 14.	16. - 71.	36. - 250	1.4 - 9.0	10. - 71.	36. - 50.	56. - 250	1.4 - 9.0	10. - 71.	36. - 250	1.4 - 14.	16. - 71.	56. - 250	1.4 - 14.	16. - 71.	56. - 250	1.4 - 14.	16. - 71.	56. - 250	2.8 - 14.	16. - 45.	50. - 71.	40. - 50.	56. - 160	180. - 250	2.8 - 14.	16. - 45.	50. - 71.	40. - 50.	56. - 160	180. - 250					
63/D	COLUMN 12 ENTRY	F	F	F	-	F	F	-	V	-	F	-	-	V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71/D		G	G	G	-	G	G	-	D	-	G	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71/C		H	H	H	-	H	H	-	E	-	H	-	-	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80/D		A	J	J	A	-	J	W	F	A	J	-	F	F	-	D	F	-	E	L	-	-	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80/C		B	K	K	B	K	K	X	G	B	K	-	G	G	-	-	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90/D		C	Q	Q	C	Q	Q	Y	H	C	Q	-	H	H	-	E	H	-	F	M	-	-	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90/C		D	R	R	D	R	R	Z	J	D	R	-	J	J	-	-	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100/D		-	-	-	-	-	-	A	K	-	-	A	K	K	A	F	K	-	G	N	-	E	G	-	G	N	-	G	N	-	S	W	-	G	N				
100/C		E	S	S	E	S	S	B	L	E	S	B	L	L	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
112/D		-	-	-	-	-	-	A	K	-	-	A	K	K	A	F	K	-	G	N	-	E	G	-	G	N	-	G	N	-	S	W	-	G	N				
112/C		E	S	S	E	S	S	B	L	E	S	B	L	L	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
132/D		-	-	-	-	-	-	N	P	-	-	C	M	P	B	G	M	-	H	-	-	F	H	-	H	P	-	H	P	-	T	X	-	H	P				
132/C		-	-	-	-	-	-	C	M	-	-	D	N	M	-	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
160/D		-	-	-	-	-	-	-	-	-	-	E	P	-	C	H	P	A	J	-	A	G	J	A	J	Q	A	J	Q	A	G	N	A	J	Q				
180/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	K	-	B	H	K	B	K	R	B	K	R	B	H	P	B	K	R				
200/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	L	-	C	J	L	C	L	S	C	L	S	C	J	Q	C	L	S				
225/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D	M	-	D	K	M	D	M	T	D	M	T	D	K	R	D	M	T				
250/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E	U	-	E	U	-	E	L	-	E	W	-				
280/D		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F	W	-	F	W	-	F	M	-	F	X	-				

BOLD - IF UNITS SUPPLIED AS GEARHEAD ONLY THEY WILL BE SUPPLIED LESS LUBRICANT
(ALL OTHER UNITS SIZE M03 - M07 SUPPLIED WITH LUBRICANT)

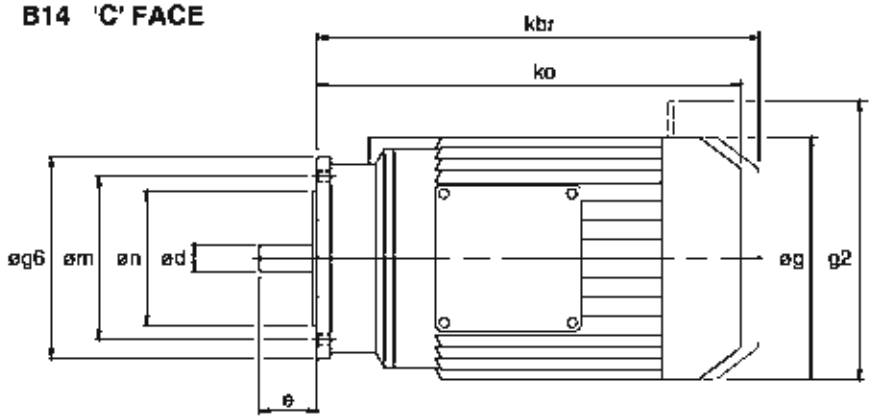


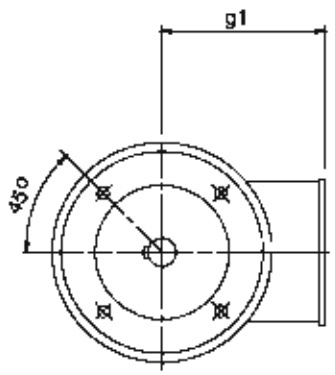
MOTORISED

SERIES M

POWER BUILD LIMITED

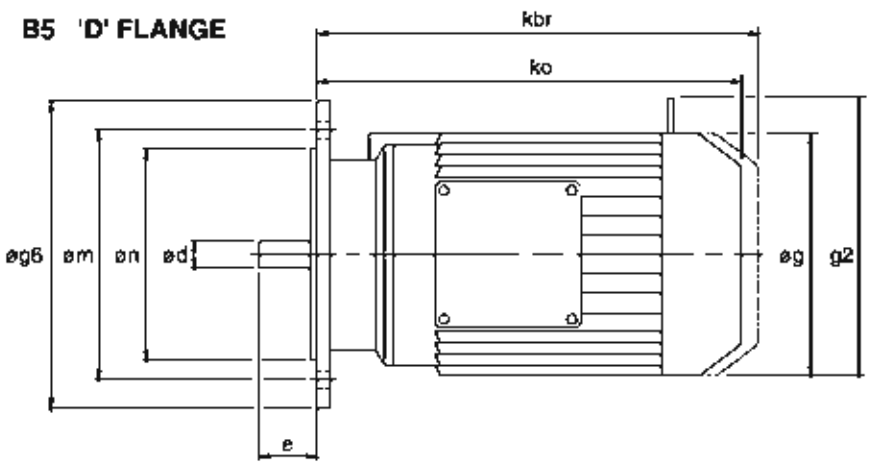
B14 'C' FACE

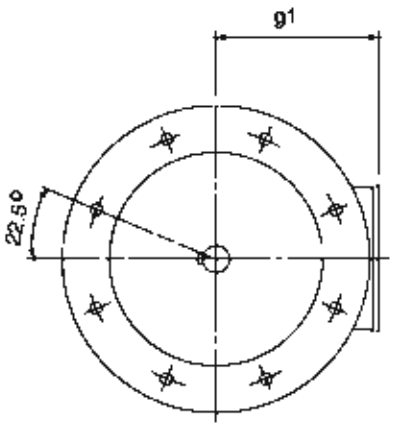




MOTOR FRAME SIZE	øg6	øm	øn	ød	e	ko	kbr	øg	g1	g2	FIXING BOLTS
71	105	85	70	14	30	210	251	137	107	167	4-M6
80	120	100	80	19	40	230	280	158	118	190	4-M6
90S/L	140	115	95	24	50	270	329	177	149	218	4-M8
100	160	130	110	28	60	340	408	197	159	238	4-M8
112	160	130	110	28	60	340	408	197	159	238	4-M8

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
250M	550	500	450	65	140	690	N/A	411	280	N/A	8-M16
280S/M	550	500	450	75	140	820	N/A	490	355	N/A	8-M16

Dimensions except g6, m, n, d and e will vary as per make of motor.

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 Power Build Limited

All variants of standard IEC motors can be fitted to Series M, 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

0.12 kW

4 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
944	1.44	1	28.06	1510	M 0 3 2 0 1 . 4 _ M _ - _ _ . 1 2 4 A _	11.5	63
699	1.95	1	23.06	1630	1 . 8		
615	2.21	1	20.71	1660	2 . 2		
543	2.51	2	18.23	1690	2 . 5		
482	2.95	2	27.2	1740	2 . 8		
424	3.21	2	15.63	1770	3 . 2		
394	3.45	2	15.01	1790	3 . 8		
342	3.98	3	23.06	1850	4 . 0		
301	4.53	3	20.32	1900	4 . 5		
268	5.07	4	18.29	1940	5 . 0		
235	5.75	4	16.1	1940	5 . 6		
207	6.55	5	13.99	1940	6 . 3		
182	7.07	5	12.87	1940	7 . 1		
163	8.35	7	11.18	1940	8 . 0		
151	9	7	10.32	1940	9 . 0		
134	10.11	8	9.07	1930	1 0 .		
118	11.56	9	7.97	1930	1 1 .		
106	12.88	10	7.24	1930	1 2		
92	14.71	12	6.34	1930	1 4 .		
87	15.6	13	5.9	1930	1 6 .		
74	18.28	15	5.05	1930	1 8 .		
66	19.86	16	4.71	1930	2 0 .		
58	23.27	19	4.02	1930	2 2		
53	25.56	21	3.62	1930	2 5 .		
48	28.4	23	3.25	1930	2 8		
42	32.54	27	2.88	1930	3 2 .		
38	36.16	30	2.59	1930	3 6 .		
35	38.73	32	1.78	1930	4 0		
32	43.03	36	1.6	1920	4 5 .		
27	48.91	42	1.78	1920	5 0		
24	56.72	47	1.52	1920	5 6 .		
23	59.39	50	1.15	1920	6 3 .		
20	67.5	56	1.02	1910	7 1 .		
38	35.12	30	2.6	1930	M 0 3 3 0 3 6 _ M _ - _ _ . 1 2 4 A _	15.5	63
33	41.28	34	2.27	1920	4 0 .		
30	45.99	38	2.06	1920	4 5		
26	52.55	44	1.81	1920	5 0		
24	55.71	46	1.68	1920	5 6 .		
21	65.27	54	1.44	1910	6 3 .		
19	70.93	59	1.34	1910	7 1 .		
18	83.1	70	1.15	1910	8 0 .		
15	91.29	76	1.03	1910	9 0 .		
13	101.43	85	0.93	1900	1 0 0		
12	116.22	97	0.82	1740	1 1 2		
23	58.54	49	3.8	4220	M 0 4 2 0 6 3 . _ M _ - _ _ . 1 2 4 A _	14.5	63
20	66.55	56	3.35	4190	7 1 .		
21	63.6	53	3.52	4190	M 0 4 3 0 6 3 . M - . 1 2 4 A	18.5	63
20	69.19	58	3.24	4180	7 1 .		
17	81.07	68	2.77	4130	8 0 .		
15	88.94	74	2.52	4100	9 0 .		
14	98.82	83	2.27	4060	1 0 0		
12	113.37	95	1.99	4010	1 1 2		
11	125.97	106	1.79	3960	1 2 5		
10	140.91	118	1.6	3930	1 4 0		
8.7	156.57	131	1.44	3880	1 6 0		
7.8	173.87	146	1.29	3780	1 8 0		
6.9	197.6	166	1.14	3700	2 0 0		
6.3	216.11	182	1.05	3670	2 2 5		
5.5	245.61	206	0.92	3560	2 5 0		
10	130.5	109	3.75	8430	M 0 6 3 0 1 2 5 _ M _ - _ _ . 1 2 4 A _	28.5	63
10	139.41	117	3.15	8410	1 4 0		
8.7	157.08	132	2.8	8360	1 6 0		
7.9	172.19	145	2.85	8310	1 8 0		
6.9	195.75	164	2.5	8240	2 0 0		
6.6	207.26	174	2.12	8220	2 2 5		
5.8	235.63	198	1.87	8140	2 5 0		
5.4	251.51	211	1.99	8434	M 0 6 4 0 2 5 0 _ M _ - _ _ . 1 2 4 A _	37.5	63
4.6	297.65	250	1.68	8023	3 0 0		
3.9	348.99	294	1.44	8023	3 5 0		
3.5	379.42	319	1.33	8023	4 0 0		
2.9	461.85	389	1.09	8434	4 5 0		
2.8	483.14	407	1.04	8023	5 0 0		
2.4	555.32	467	0.92	8433	5 6 0		
2.2	615.87	518	0.82	8023	6 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.12 kW

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
4 POLE							
5.5	247.39	208	3.72	8265	M 0 7 4 0 2 5 0 _ M _ - _ _ . 1 2 4 A _	54.5	63
4.3	313.86	264	2.93	7592	3 0 0		
3.7	368.03	310	2.51	7592	3 5 0		
3.4	400.11	337	2.31	7592	4 0 0		
3	454.3	382	2.04	8265	4 5 0		
2.7	509.49	429	1.81	7592	5 0 0		
2.5	554.04	466	1.68	8263	5 6 0		
2.1	649.46	547	1.43	7592	6 5 0		
1.7	807.24	680	1.15	7592	7 6 0		
1.6	856.93	722	1.06	7592	8 6 0		
1.3	1030.4	868	0.91	8264	1 0 C		
1.2	1093.82	921	0.85	8264	1 1 C		
2.9	471.71	397	3.84	20576	M 0 8 4 0 4 5 0 M - . 1 2 4 A	95.5	63
2.7	503.48	424	3.39	21603	5 0 0		
2.4	558.25	470	3.22	20576	5 6 0		
2.1	632.72	533	2.69	21603	6 5 0		
1.7	806.71	679	2.12	21603	7 6 0		
1.5	887.99	748	1.56	23303	8 6 0		
1.4	971.04	818	1.77	21603	1 0 C		
1.2	1101.93	928	1.56	21803	1 1 C		
1.1	1215.15	1023	1.23	23224	1 2 C		
0.99	1378.94	1161	1.06	23224	1 3 C		
0.9	1507.92	1270	1.21	20576	1 5 C		
0.79	1711.18	1441	1.06	20576	1 7 C		
0.71	1902.38	1602	0.91	22459	1 9 C		
1.4	986.15	830	3.68	24951	M 0 9 4 0 1 0 C M - . 1 2 4 A	144.5	63
1.3	1079.51	909	3.39	24951	1 1 C		
1.1	1228.57	1035	2.57	28129	1 2 C		
1	1344.88	1133	2.38	28102	1 3 C		
0.9	1513.46	1275	2.42	24951	1 5 C		
0.79	1717.47	1447	2.13	24951	1 7 C		
0.72	1885.51	1588	1.69	28129	1 9 C		
0.64	2139.67	1802	1.49	28129	2 1 C		
0.57	2399.63	2021	1.33	28129	2 3 C		
0.52	2593.82	2185	1.24	28102	2 6 C		
0.48	2843.46	2480	1.09	28102	2 9 C		
0.41	3301.07	2781	0.97	28102	3 2 C		
0.38	3543.05	2985	0.91	28102	3 5 C		
0.34	3973.51	3348	0.81	28102	3 9 C		
6 POLE							
580	1.44	1	17.25	1660	M 0 3 2 0 1 4 _ M _ - _ _ . 1 2 6 A _	11.9	63
429	1.95	2	14.13	1730	1 . 8		
377	2.21	3	12.68	1780	2 2		
333	2.51	3	11.81	1830	2 . 5		
283	2.95	4	17.9	1890	2 . 8		
260	3.21	4	9.64	1920	3 2		
242	3.45	4	9.21	1940	3 . 6		
210	3.98	5	14.13	1940	4 0		
185	4.53	6	12.47	1940	4 . 5		
165	5.07	8	11.23	1940	5 . 0		
145	5.76	7	9.93	1940	5 . 6		
127	6.58	8	8.63	1930	6 . 3		
118	7.07	9	7.97	1930	7 1		
100	8.35	11	6.84	1930	8 . 0		
93	9	12	6.35	1930	9 0		
83	10.11	13	5.57	1930	1 0 .		
72	11.56	15	4.89	1930	1 1 .		
65	12.88	17	4.44	1930	1 2 .		
57	14.71	20	3.89	1930	1 4 .		
54	15.6	21	3.62	1930	1 6 .		
46	18.28	25	3.1	1930	1 8 .		
42	19.86	27	2.88	1930	2 0 .		
36	23.27	31	2.46	1930	2 2 .		
33	25.56	35	2.22	1930	2 6 .		
29	28.4	38	2	1920	2 8 .		
26	32.54	44	1.77	1920	3 2 .		
23	36.16	49	1.59	1920	3 6 .		
22	38.73	53	1.06	1920	4 0 .		
19	43.03	59	0.97	1910	4 5 .		
17	49.91	68	1.09	1910	5 0 .		
15	56.72	77	0.94	1910	5 8 .		
23	36.12	49	1.59	1920	M 0 3 3 0 3 6 . _ M _ - _ _ . 1 2 6 A _	15.9	63
20	41.26	56	1.39	1920	4 0 .		
18	45.99	63	1.27	1910	4 5 .		
16	52.55	72	1.11	1910	5 0 .		
15	55.71	76	1.04	1910	5 6 .		
13	65.27	89	0.88	1900	6 3 .		
12	70.93	97	0.83	1860	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.12 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
23	35.69	48	3.81	4230	M 0 4 2 0 3 6 . _ M _ - _ _ . 1 2 6 A _	14.9	63
21	39.37	54	3.46	4220	4 0 .		
19	44.36	60	3.07	4190	4 5 .		
18	47.03	64	2.89	4180	5 0 .		
16	53.54	73	2.49	4130	5 6 .		
14	58.54	80	2.33	4120	6 3 .		
13	66.55	91	2.05	4070	7 1 .		
24	35.19	48	3.89	4230	M 0 4 3 0 3 6 . _ M _ - _ _ . 1 2 6 A _	16.9	63
21	40.22	55	3.41	4200	4 0 .		
19	44.86	61	3.08	4180	4 5 .		
18	51.28	70	2.67	4140	5 0 .		
15	54.28	74	2.53	4120	5 6 .		
13	63.6	87	2.16	4070	6 3 .		
12	69.19	94	1.99	4040	7 1 .		
10	81.07	111	1.7	3970	8 0 .		
9.4	88.94	122	1.55	3920	9 0 .		
8.4	98.82	135	1.39	3870	1 0 0		
7.4	113.37	155	1.22	3790	1 1 2		
6.6	125.97	172	1.09	3720	1 2 5		
5.9	140.91	193	0.98	3690	1 4 0		
5.3	156.57	214	0.88	3590	1 6 0		
15	54	74	3.79	8560	M 0 6 2 0 5 6 . _ M _ - _ _ . 1 2 6 A _	29.9	63
13	65	89	3.79	8520	7 1 .		
10	80.4	110	3.72	8450	M 0 6 3 0 8 0 . _ M _ - _ _ . 1 2 6 A _	28.9	63
9.2	90.84	124	3.31	8390	9 0 .		
8.2	102.35	140	2.94	8340	1 0 0		
7.2	115.82	158	2.59	8300	1 1 2		
6.4	130.5	179	2.3	8230	1 2 5		
6	138.41	191	1.93	8210	1 4 0		
5.3	157.06	215	1.72	8140	1 6 0		
4.6	172.19	236	1.78	8050	1 8 0		
4.3	185.75	268	1.57	7950	2 0 0		
4	207.26	284	1.3	7920	2 2 5		
3.5	235.63	323	1.15	7800	2 5 0		
3.3	251.51	345	1.22	8434	M 0 6 4 0 2 5 0 _ M _ - _ _ . 1 2 6 A _	37.9	63
2.6	297.65	408	1.03	8023	3 0 0		
2.4	348.99	478	0.88	8023	3 5 0		
2.2	379.42	520	0.81	8023	4 0 0		
3.4	247.39	339	2.28	8268	M 0 7 4 0 2 5 0 _ M _ - _ _ . 1 2 6 A _	54.9	63
2.7	313.88	430	1.8	7592	3 0 0		
2.3	368.03	505	1.54	7592	3 5 0		
2.1	400.11	549	1.42	7592	4 0 0		
1.8	454.3	623	1.25	8268	4 5 0		
1.6	509.49	699	1.11	7592	5 0 0		
1.5	554.04	760	1.03	8263	5 6 0		
1.3	649.48	891	0.88	7592	6 5 0		
3.2	261.7	359	3.97	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 1 2 6 A _	95.9	63
2.6	318.22	436	2.64	23303	3 0 0		
2.3	369.97	507	2.97	20578	3 5 0		
2.1	394.89	541	2.64	21603	4 0 0		
1.8	471.71	647	2.34	20576	4 5 0		
1.7	503.48	690	2.08	21603	5 0 0		
1.5	558.25	766	1.97	20576	5 6 0		
1.3	632.72	868	1.65	21603	6 5 0		
1	806.71	1107	1.3	21603	7 8 0		
0.84	887.99	1218	0.96	23303	8 6 0		
0.66	971.04	1332	1.09	21603	1 0 C		
0.76	1101.93	1512	0.96	21603	1 1 C		
1.5	557.5	765	3.98	24951	M 0 9 4 0 5 6 0 _ M _ - _ _ . 1 2 6 A _	144.9	63
1.3	632.36	867	3.25	25710	6 5 0		
1.1	784.72	1076	2.64	24951	7 8 0		
0.99	848.67	1161	2.63	24951	8 6 0		
0.85	986.15	1353	2.26	24951	1 0 C		
0.77	1079.51	1481	2.06	24951	1 1 C		
0.68	1228.57	1686	1.58	28129	1 2 C		
0.62	1344.88	1845	1.45	28102	1 3 C		
0.55	1513.46	2077	1.48	24951	1 5 C		
0.49	1717.47	2356	1.31	24951	1 7 C		
0.44	1885.51	2587	1.04	28129	1 9 C		
0.39	2139.67	2936	0.91	28129	2 1 C		
0.35	2389.63	3280	0.82	28129	2 3 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.18 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
944	1.44	1	18.71	1506	M 0 3 2 0 1 . 4 _ M _ - _ _ . 1 8 4 A _	11.9	63
689	1.95	2	15.37	1624	1 . 8		
615	2.21	2	13.61	1654	2 . 2		
543	2.51	3	12.62	1683	2 . 5		
482	2.95	3	18.13	1733	2 8		
424	3.21	4	10.42	1761	3 . 2		
394	3.45	4	10	1780	3 6		
342	3.98	5	15.37	1840	4 . 0		
301	4.53	5	13.55	1889	4 . 5		
288	5.07	6	12.19	1928	5 0		
236	5.76	7	10.73	1929	5 . 6		
207	6.56	8	9.33	1930	6 3		
192	7.07	8	8.65	1930	7 . 1		
163	8.35	10	7.45	1930	8 . 0		
151	9	11	6.68	1930	9 0		
134	10.11	12	6.04	1928	1 0 .		
118	11.58	14	5.31	1928	1 1 .		
108	12.88	16	4.63	1914	1 2 .		
92	14.71	18	4.23	1928	1 4 .		
87	15.6	19	3.93	1927	1 6 .		
74	18.28	23	3.37	1920	1 8 .		
66	19.66	25	3.14	1897	2 0 .		
58	23.27	29	2.68	1917	2 2 .		
50	25.56	32	2.41	1910	2 5 .		
48	28.4	35	2.17	1925	2 8 .		
42	32.54	41	1.92	1922	3 2 .		
38	36.15	45	1.73	1894	3 6 .		
35	39.73	48	1.19	1920	4 0 .		
32	43.03	54	1.07	1910	4 5 .		
27	49.91	63	1.19	1910	5 0 .		
24	56.72	71	1.01	1910	5 6 .		
38	36.12	45	1.74	1920	M 0 3 3 0 3 6 . _ M _ - _ _ . 1 8 4 A _	15.9	63
33	41.29	52	1.52	1862	4 0 .		
30	45.99	58	1.39	1915	4 5 .		
26	52.55	66	1.21	1878	5 0 .		
24	55.71	70	1.13	1878	5 6 .		
21	65.27	82	0.96	1900	6 3 .		
19	70.93	89	0.9	1880	7 1 .		
35	38.37	49	3.76	4219	M 0 4 2 0 4 0 . _ M _ - _ _ . 1 8 4 A _	14.9	63
31	44.36	56	3.34	4190	4 6 .		
29	47.09	59	3.14	4180	5 0 .		
25	53.54	67	2.7	4128	5 6 .		
23	58.54	73	2.53	4115	6 3 .		
20	66.55	84	2.23	4072	7 1 .		
34	40.22	50	3.7	4202	M 0 4 3 0 4 0 . _ M _ - _ _ . 1 8 4 A _	18.9	63
30	44.88	56	3.32	4184	4 6 .		
27	51.26	64	2.91	4143	5 0 .		
25	54.28	68	2.76	4125	5 6 .		
21	63.6	80	2.34	4070	6 3 .		
20	68.19	87	2.16	4048	7 1 .		
17	81.07	102	1.64	3978	8 0 .		
15	88.94	112	1.68	3929	9 0 .		
14	98.82	124	1.52	3870	1 0 0		
12	113.37	143	1.32	3797	1 1 2		
11	125.97	159	1.19	3724	1 2 5		
10	140.91	178	1.07	3680	1 4 0		
8.7	156.57	197	0.96	3600	1 6 0		
7.8	173.67	219	0.86	3480	1 8 0		
15	90.84	114	3.59	8393	M 0 8 3 0 9 0 . _ M _ - _ _ . 1 8 4 A _	28.9	63
13	102.35	129	3.19	8346	1 0 0		
12	115.62	146	2.81	8302	1 1 2		
10	130.5	164	2.5	8241	1 2 5		
10	139.41	176	2.1	8213	1 4 0		
8.7	157.08	198	1.87	8139	1 6 0		
7.9	172.19	217	1.8	8060	1 8 0		
6.9	195.75	247	1.67	7956	2 0 0		
6.6	207.26	261	1.41	7929	2 2 5		
5.8	235.63	297	1.25	7807	2 5 0		
5.4	251.51	317	1.32	8434	M 0 8 4 0 2 5 0 _ M _ - _ _ . 1 8 4 A _	37.9	63
4.6	297.65	376	1.12	8023	3 0 0		
3.9	348.99	441	0.96	8023	3 5 0		
3.8	379.42	479	0.89	8023	4 0 0		
5.5	247.39	312	2.48	8266	M 0 7 4 0 2 5 0 _ M _ - _ _ . 1 8 4 A _	54.9	63
4.3	313.88	396	1.96	7592	3 0 0		
3.7	368.09	465	1.67	7592	3 5 0		
3.4	400.11	505	1.54	7592	4 0 0		
3	454.3	574	1.36	8266	4 5 0		
2.7	509.49	643	1.21	7592	5 0 0		
2.5	554.04	700	1.12	8263	5 6 0		
2.1	649.46	820	0.96	7592	6 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.18 kW

	N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	4.3	318.22	402	2.87	23303	M 0 8 4 0 3 0 0 _ M _ - _ _ _ . 1 8 4 A _	95.9	63
	3.7	369.97	467	3.24	20575	3 5 0		
	3.4	384.89	499	2.87	21603	4 0 0		
	2.9	471.71	596	2.58	20576	4 5 0		
	2.7	503.48	636	2.26	21603	5 0 0		
	2.4	558.25	705	2.15	20576	5 6 0		
	2.1	632.72	799	1.79	21603	6 5 0		
	1.7	806.71	1019	1.41	21603	7 8 0		
	1.5	887.99	1122	1.04	23303	8 5 0		
	1.4	971.04	1227	1.18	21603	1 0 C		
	1.2	1101.93	1392	1.04	21603	1 1 C		
	1.1	1215.15	1535	0.82	23224	1 2 C		
	2.2	632.36	799	3.54	25710	M 0 9 4 0 8 5 0 _ M _ - _ _ _ . 1 8 4 A _	144.9	63
	1.7	784.72	991	3.09	24951	7 8 0		
	1.6	846.67	1070	2.87	24951	8 8 0		
	1.4	986.15	1246	2.45	24951	1 0 C		
	1.3	1079.51	1364	2.26	24951	1 1 C		
	1.1	1228.57	1552	1.71	28129	1 2 C		
	1	1344.88	1699	1.59	28102	1 3 C		
	0.9	1513.45	1912	1.51	24951	1 5 C		
	0.79	1717.47	2170	1.42	24951	1 7 C		
	0.72	1885.51	2383	1.13	28129	1 9 C		
	0.64	2139.67	2704	0.99	28129	2 1 C		
	0.57	2399.63	3032	0.86	28129	2 3 C		
	0.52	2583.82	3278	0.83	28102	2 6 C		
6 POLE	583	1.44	2	11.57	1654	M 0 3 2 0 1 4 _ M _ - _ _ _ . 1 8 8 A _	13.8	71
	432	1.95	3	9.48	1722	1 . 8		
	380	2.21	4	8.51	1771	2 . 2		
	335	2.51	5	7.92	1820	2 . 5		
	285	2.95	6	12.01	1880	2 . 8		
	262	3.21	6	8.47	1907	3 . 2		
	243	3.45	7	8.17	1926	3 . 6		
	211	3.98	8	9.48	1929	4 . 0		
	186	4.53	9	8.36	1930	4 . 5		
	158	5.07	10	7.53	1930	5 . 0		
	146	5.75	11	6.66	1930	5 . 6		
	128	6.56	13	5.78	1919	6 . 3		
	119	7.07	14	5.35	1913	7 . 1		
	101	8.35	17	4.58	1893	8 . 0		
	93	9	18	4.26	1886	9 . 0		
	83	10.11	20	3.74	1901	1 0 .		
	73	11.56	23	3.28	1884	1 1 .		
	65	12.88	26	2.98	1860	1 2 .		
	57	14.71	30	2.61	1876	1 4 .		
	54	15.8	31	2.43	1878	1 6 .		
	46	18.28	37	2.06	1844	1 8 .		
	42	19.86	40	1.93	1810	2 0 .		
	36	23.27	47	1.65	1808	2 2 .		
	33	25.56	52	1.49	1796	2 5 .		
	30	28.4	58	1.34	1840	2 8 .		
	26	32.54	66	1.19	1747	3 2 .		
	23	36.16	73	1.07	1689	3 6 .		
	23	36.12	73	1.07	1728	M 0 3 3 0 3 6 . _ M _ - _ _ _ . 1 8 8 A _	16.8	71
	20	41.28	84	0.93	1629	4 0 .		
	18	45.89	94	0.85	1642	4 5 .		
	34	24.85	50	3.66	4200	M 0 4 2 0 2 5 . _ M _ - _ _ _ . 1 8 8 A _	16.8	71
	30	28	57	3.26	4166	2 8 .		
	27	31.68	64	2.88	4159	3 2 .		
	24	35.69	73	2.56	4120	3 6 .		
	21	39.37	80	2.32	4089	4 0 .		
	19	44.36	90	2.06	4070	4 5 .		
	18	47.09	95	1.94	4025	5 0 .		
	16	53.54	109	1.67	3913	5 6 .		
	14	58.54	119	1.56	3877	6 3 .		
	13	66.55	136	1.38	3890	7 1 .		
	24	35.19	72	2.61	4117	M 0 4 3 0 3 6 . M - _ _ 1 8 8 A	20.8	71
	21	40.22	82	2.28	4021	4 0 .		
	19	44.86	91	2.05	4051	4 5 .		
	16	51.26	104	1.79	3960	5 0 .		
	15	54.28	111	1.7	3880	5 6 .		
	13	63.6	130	1.45	3885	6 3 .		
	12	69.19	141	1.33	3843	7 1 .		
	10	81.07	165	1.14	3624	8 0 .		
	9.4	88.34	181	1.04	3666	9 0 .		
	8.5	98.82	202	0.93	3563	1 0 0		
	7.4	113.37	231	0.82	3356	1 1 2		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.18 kW

6 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
17	48.15	98	3.87	8473	M 0 6 2 0 5 0 . M - . 1 8 6 A	25.8	71
16	54	110	2.54	8383	5 6 .		
14	57.96	118	3.16	8347	8 3 .		
13	65	133	2.54	8380	7 1 .		
14	58	118	3.46	8295	M 0 6 3 0 5 6 . M - . 1 8 6 A	30.8	71
13	63.06	129	3.18	8220	8 3 .		
11	73.85	151	2.71	8277	7 1 .		
10	80.4	164	2.49	8176	8 0 .		
9.2	90.54	185	2.22	7959	9 0 .		
8.2	102.35	209	1.97	7992	1 0 0		
7.3	115.62	236	1.74	7850	1 1 2		
6.4	130.5	267	1.55	7813	1 2 5		
6	139.41	285	1.29	7534	1 4 0		
5.3	157.08	321	1.15	7584	1 6 0		
4.9	172.19	352	1.19	7339	1 8 0		
4.3	195.75	400	1.05	6937	2 0 0		
4.1	207.26	424	0.87	7481	2 2 5		
3.3	251.51	514	0.82	8434	M 0 6 4 0 2 6 0 M - . 1 8 6 A	39.8	71
8.4	99.6	204	3.71	11300	M 0 7 3 0 1 0 0 _ M _ - _ _ . 1 8 6 A _	52.8	71
7.2	116.34	238	3.19	11300	1 1 2		
6.6	127.39	260	2.92	11200	1 2 5		
5.9	142.16	290	2.56	11200	1 4 0		
5.4	155.66	318	2.33	11100	1 6 0		
4.8	174.01	358	2.18	11000	1 8 0		
4.3	195.15	399	1.94	10900	2 0 0		
4	212.62	435	1.72	10800	2 2 5		
3.5	238.45	487	1.53	10700	2 6 0		
3.4	247.39	506	1.53	8266	M 0 7 4 0 2 6 0 M - . 1 8 6 A	56.8	71
2.7	313.98	642	1.21	7592	3 0 0		
2.3	368.03	753	1.03	7592	3 5 0		
2.1	400.11	818	0.95	7592	4 0 0		
1.8	454.3	929	0.84	8265	4 5 0		
3.2	261.7	535	2.86	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 1 8 6 A _	97.8	71
2.6	316.22	651	1.77	23309	3 0 0		
2.3	368.87	757	1.89	20578	3 5 0		
2.1	394.89	808	1.77	21603	4 0 0		
1.8	471.71	965	1.57	20576	4 5 0		
1.7	503.48	1030	1.39	21603	5 0 0		
1.5	556.25	1142	1.32	20576	5 6 0		
1.3	632.72	1294	1.11	21603	8 5 0		
1	808.71	1650	0.87	21603	7 8 0		
2.3	360.32	737	3.82	25710	M 0 9 4 0 3 5 0 _ M _ - _ _ . 1 8 6 A _	146.8	71
2	419.06	857	3.29	25710	4 0 0		
1.8	471.06	963	3.17	24951	4 5 0		
1.7	495.97	1014	2.77	25710	5 0 0		
1.5	557.5	1140	2.67	24951	5 6 0		
1.3	632.36	1293	2.18	25710	8 5 0		
1.1	784.72	1605	1.9	24951	7 8 0		
0.99	846.67	1732	1.77	24951	8 6 0		
0.85	986.15	2017	1.51	24951	1 0 C		
0.78	1079.51	2208	1.39	24951	1 1 C		
0.68	1228.57	2513	1.06	28129	1 2 C		
0.62	1344.68	2752	0.98	28102	1 3 C		
0.56	1513.48	3096	0.99	24951	1 5 C		
0.49	1717.47	3514	0.88	24951	1 7 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.25 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
951	1.44	2	13.57	1502	M 0 3 2 0 1 . 4 _ M _ - _ _ . 2 5 4 A _	13.3	71
704	1.95	3	11.15	1618	1 . 8		
619	2.21	3	10.02	1647	2 . 2		
547	2.51	4	9.3	1675	2 . 5		
465	2.95	5	13.15	1725	2 . 8		
427	3.21	5	7.56	1751	3 . 2		
397	3.45	6	7.28	1770	3 . 5		
344	3.98	6	11.15	1830	4 . 0		
303	4.53	7	9.83	1877	4 . 5		
270	5.07	8	8.84	1915	5 . 0		
238	5.75	10	7.79	1916	5 . 6		
209	6.56	11	6.78	1918	6 . 3		
184	7.07	12	6.27	1918	7 . 1		
164	8.35	14	5.4	1918	8 . 0		
152	9	15	4.99	1919	9 . 0		
135	10.11	17	4.38	1926	1 0 .		
119	11.56	20	3.85	1926	1 1 .		
105	12.88	22	3.5	1896	1 2 .		
93	14.71	25	3.07	1925	1 4 .		
88	15.5	27	2.85	1923	1 5 .		
75	18.28	31	2.44	1909	1 8 .		
59	19.86	34	2.28	1859	2 0 .		
59	23.27	40	1.94	1902	2 2 .		
54	25.56	44	1.75	1887	2 5 .		
48	28.4	49	1.58	1919	2 8 .		
42	32.54	56	1.39	1914	3 2 .		
38	36.16	63	1.25	1852	3 5 .		
35	38.73	67	0.86	1910	4 0 .		
38	36.12	62	1.26	1909	M 0 3 3 0 3 5 . _ M _ - _ _ . 2 5 4 A _	16.3	71
33	41.28	71	1.1	1795	4 0 .		
30	45.99	80	1.01	1910	4 5 .		
26	52.55	91	0.88	1830	5 0 .		
25	55.71	97	0.82	1830	5 6 .		
49	28	48	3.72	4212	M 0 4 2 0 2 8 . _ M _ - _ _ . 2 5 4 A _	16.3	71
43	31.68	55	3.38	4180	3 2 .		
38	35.69	62	3	4153	3 6 .		
35	39.37	68	2.72	4137	4 0 .		
31	44.36	77	2.42	4097	4 5 .		
29	47.09	82	2.28	4055	5 0 .		
26	53.54	93	1.98	4009	5 6 .		
23	58.54	102	1.84	3993	6 3 .		
21	66.55	115	1.62	3935	7 1 .		
39	35.19	61	3.07	4153	M 0 4 3 0 3 6 . _ M _ - _ _ . 2 5 4 A _	20.3	71
34	40.22	70	2.66	4112	4 0 .		
31	44.66	78	2.41	4065	4 5 .		
27	51.28	89	2.11	4031	5 0 .		
25	54.28	94	1.99	4003	5 6 .		
22	63.6	110	1.7	3930	6 3 .		
20	69.19	120	1.56	3884	7 1 .		
17	81.07	141	1.34	3802	8 0 .		
15	88.94	154	1.22	3730	9 0 .		
14	98.62	172	1.1	3650	1 0 0		
12	113.37	197	0.96	3550	1 1 2		
11	125.97	219	0.87	3450	1 2 5		
28	48.15	83	3.97	8507	M 0 8 2 0 5 0 . M - . 2 5 4 A	25.3	71
25	54	94	2.99	8470	5 6 .		
24	57.96	100	3.72	8480	6 3 .		
21	65	113	2.99	8419	7 1 .		
22	63.06	109	3.74	8404	M 0 8 3 0 8 3 . M - . 2 5 4 A	30.3	71
19	73.85	128	3.19	8358	7 1 .		
17	80.4	140	2.93	8318	8 0 .		
15	90.64	158	2.6	8234	9 0 .		
13	102.35	178	2.31	8167	1 0 0		
12	115.62	201	2.04	8107	1 1 2		
10	130.5	227	1.81	8021	1 2 5		
10	139.41	242	1.52	7983	1 4 0		
8.7	157.06	273	1.35	7881	1 6 0		
8	172.19	300	1.38	7789	1 8 0		
7	195.75	341	1.21	7626	2 0 0		
6.6	207.26	361	1.02	7590	2 2 5		
5.8	235.63	410	0.9	7420	2 5 0		
5.4	251.51	438	0.96	8434	M 0 8 4 0 2 5 0 M - . 2 5 4 A	39.3	71
4.6	297.65	518	0.81	6023	3 0 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.25 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	12	116.34	202	3.75	11300	M 0 7 3 0 1 1 2 _ M _ - _ _ . 2 5 4 A _	52.3	71
	11	127.39	221	3.43	11300	1 2 5		
	10	142.15	247	3	11200	1 4 0		
	8.8	155.68	271	2.75	11200	1 8 0		
	7.9	174.01	303	2.52	11100	1 6 0		
	7	195.15	340	2.25	11000	2 0 0		
	6.4	212.62	370	2.01	10900	2 2 5		
	5.7	238.45	415	1.8	10800	2 5 0		
	5.5	247.39	431	1.8	8266	M 0 7 4 0 2 5 0 M - _ _ . 2 5 4 A _	56.3	71
	4.4	313.88	548	1.42	7592	3 0 0		
	3.7	368.03	641	1.21	7592	3 5 0		
	3.4	400.11	697	1.12	7592	4 0 0		
	3	454.3	791	0.99	8268	4 5 0		
	2.7	508.49	887	0.88	7592	5 0 0		
	2.5	554.04	965	0.81	8263	5 8 0		
	5.2	261.7	456	3.14	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 2 5 4 A _	87.3	71
	4.3	318.22	554	2.08	23303	3 0 0		
	3.7	368.97	644	2.35	20575	3 5 0		
	3.5	394.89	688	2.08	21603	4 0 0		
	2.9	471.71	821	1.86	20578	4 5 0		
	2.7	503.48	877	1.64	21603	5 0 0		
	2.5	556.25	972	1.56	20578	5 6 0		
	2.2	632.72	1102	1.3	21603	6 5 0		
	1.7	806.71	1405	1.03	21603	7 8 0		
	3.3	418.08	730	3.87	25710	M 0 9 4 0 4 0 0 _ M _ - _ _ . 2 5 4 A _	146.3	71
	2.9	471.08	820	3.73	24951	4 5 0		
	2.8	495.97	864	3.26	25710	5 0 0		
	2.5	557.5	971	3.14	24951	5 6 0		
	2.2	632.35	1101	2.57	25710	6 5 0		
	1.7	784.72	1367	2.24	24951	7 8 0		
	1.6	846.67	1475	2.08	24951	8 6 0		
	1.4	968.15	1718	1.78	24951	1 0 C		
	1.3	1079.51	1881	1.64	24951	1 1 C		
	1.1	1228.57	2140	1.24	28129	1 2 C		
	1	1344.68	2343	1.15	28102	1 3 C		
	0.91	1513.46	2637	1.17	24951	1 6 C		
	0.8	1717.47	2992	1.03	24951	1 7 C		
	0.73	1885.51	3285	0.82	28129	1 8 C		
6 POLE	567	1.44	4	8.38	1647	M 0 3 2 0 1 4 M - _ _ . 2 5 8 A _	14.3	71
	434	1.95	5	6.87	1713	1 . 8		
	382	2.21	6	8.16	1781	2 2		
	337	2.51	7	5.74	1808	2 . 5		
	287	2.95	8	8.7	1868	2 . 8		
	264	3.21	9	4.88	1892	3 2		
	245	3.45	9	4.47	1910	3 . 5		
	212	3.98	11	6.87	1917	4 0		
	187	4.53	12	5.06	1918	4 . 5		
	167	5.07	14	5.48	1918	5 . 0		
	147	5.75	16	4.82	1918	5 . 6		
	129	6.56	18	4.19	1907	6 . 3		
	120	7.07	19	3.87	1894	7 1		
	101	8.35	23	3.32	1850	8 . 0		
	94	9	25	3.08	1834	9 0		
	84	10.11	28	2.71	1857	1 0 .		
	73	11.56	32	2.37	1831	1 1 .		
	66	12.69	36	2.16	1779	1 2 .		
	57	14.71	41	1.89	1814	1 4 .		
	54	15.6	44	1.76	1814	1 6 .		
	48	16.28	51	1.5	1744	1 8 .		
	43	19.86	56	1.4	1670	2 0 .		
	38	23.27	65	1.2	1668	2 2 .		
	33	26.56	72	1.08	1641	2 5 .		
	30	28.4	80	0.97	1748	2 8		
	28	32.54	91	0.86	1545	3 2 .		
	53	15.87	44	3.59	4239	M 0 4 2 0 1 8 . _ M _ - _ _ 2 5 8 A _	17.3	71
	49	17.25	48	3.56	4214	1 8 .		
	42	20.23	57	3.25	4136	2 0 .		
	38	21.99	62	2.99	4172	2 2 .		
	34	24.65	70	2.65	4098	2 5 .		
	30	28	79	2.38	4092	2 8 .		
	27	31.68	89	2.08	4053	3 2 .		
	24	35.69	100	1.85	3992	3 6 .		
	21	39.37	111	1.68	3937	4 0 .		
	19	44.36	125	1.49	3930	4 5 .		
	18	47.09	133	1.4	3869	5 0 .		
	16	53.54	151	1.21	3881	5 6 .		
	14	58.54	165	1.13	3593	6 3 .		
	13	66.55	188	1	3860	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.25 kW

6 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
24	35.19	99	1.89	3968	M 0 4 3 0 3 5 . _M_ - _ _ . 2 5 B A_	21.3	71
21	40.22	113	1.65	3814	4 0 .		
19	44.56	126	1.49	3901	4 5 .		
18	51.26	144	1.3	3750	5 0 .		
16	54.28	153	1.23	3500	5 6 .		
13	63.6	179	1.05	3669	6 3 .		
12	69.18	195	0.96	3813	7 1 .		
10	81.07	229	0.82	3221	8 0 .		
22	38.75	109	3.31	8391	M 0 6 2 0 4 0 . _M_ - _ _ . 2 5 B A_	26.3	71
20	42.43	119	3.02	8301	4 5 .		
18	48.15	136	2.81	8337	5 0 .		
16	54	152	1.84	8178	5 6 .		
15	57.96	163	2.29	8112	6 3 .		
13	65	183	1.84	8218	7 1 .		
15	58	163	2.5	8010	M 0 5 3 0 5 8 . _M_ - _ _ 2 5 6 A_	31.3	71
13	63.06	178	2.3	7870	6 3 .		
11	73.95	208	1.96	8040	7 1 .		
11	80.4	227	1.81	7857	8 0 .		
9.3	90.84	256	1.61	7457	9 0 .		
8.3	102.35	289	1.43	7587	1 0 0		
7.3	115.82	327	1.26	7326	1 1 2		
6.5	130.5	368	1.12	6883	1 2 5		
6.1	139.41	393	0.94	6745	1 4 0		
5.4	157.08	443	0.83	7152	1 6 0		
4.9	172.19	486	0.86	6510	1 8 0		
11	74.47	210	3.59	11258	M 0 7 3 0 7 1 . _M_ - _ _ . 2 5 5 A_	53.3	71
11	79.51	224	3.38	11206	8 0 .		
9.3	91.15	257	2.94	10949	9 0 .		
8.5	99.6	281	2.69	10932	1 0 0		
7.3	116.34	328	2.31	10812	1 1 2		
6.6	127.39	359	2.11	10801	1 2 5		
5.9	142.16	401	1.85	10818	1 4 0		
5.4	155.55	439	1.69	10575	1 6 0		
4.9	174.01	491	1.58	10217	1 8 0		
4.3	195.15	551	1.41	10279	2 0 0		
4	212.62	600	1.24	10052	2 2 5		
3.5	238.45	673	1.11	9642	2 5 0		
3.4	247.39	698	1.11	8265	M 0 7 4 0 2 5 0 _M_ - _ _ . 2 5 5 A_	57.3	71
2.7	313.88	886	0.87	7592	3 0 0		
3.2	261.7	739	1.33	21609	M 0 8 4 0 2 5 0 _M_ - _ _ . 2 5 5 A_	98.3	71
2.7	318.22	899	1.28	23303	3 0 0		
2.3	369.97	1045	1.44	20576	3 5 0		
2.1	394.89	1115	1.28	21603	4 0 0		
1.8	471.71	1332	1.14	20576	4 5 0		
1.7	503.48	1422	1.01	21603	5 0 0		
1.5	558.25	1577	0.96	20576	5 6 0		
1.3	632.72	1787	0.8	21609	6 3 0		
2.6	326.69	926	3.02	25710	M 0 9 4 0 3 0 0 _M_ - _ _ . 2 5 5 A_	147.3	71
2.3	360.32	1017	2.77	25710	3 5 0		
2	419.08	1184	2.39	25710	4 0 0		
1.8	471.08	1330	2.29	24951	4 5 0		
1.7	496.97	1401	2.01	25710	5 0 0		
1.5	557.5	1575	1.83	24951	5 6 0		
1.3	632.36	1786	1.58	25710	6 3 0		
1.1	784.72	2217	1.38	24951	7 1 0		
1.0	848.67	2392	1.28	24951	8 0 0		
0.86	986.15	2786	1.1	24951	1 0 C		
0.78	1079.51	3049	1.01	24951	1 1 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.37 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
958	1.44	3	9.23	1495	M 0 3 2 0 1 . 4 _ M _ - _ _ . 3 7 4 A _	14	71
709	1.95	4	7.59	1606	1 . 8		
624	2.21	5	6.82	1636	2 . 2		
551	2.51	6	6.33	1662	2 . 5		
459	2.95	7	6.95	1712	2 . 8		
430	3.21	8	5.14	1733	3 . 2		
399	3.45	8	4.94	1751	3 . 5		
347	3.98	10	7.59	1811	4 . 0		
305	4.53	11	6.69	1858	4 . 5		
272	5.07	12	6.02	1892	5 . 0		
240	5.75	14	5.3	1894	5 . 6		
210	6.56	16	4.6	1898	6 . 3		
195	7.07	18	4.27	1898	7 . 1		
165	8.35	21	3.68	1898	8 . 0		
153	9	23	3.4	1900	9 . 0		
136	10.11	25	2.98	1922	1 0 .		
119	11.56	29	2.62	1922	1 1 .		
107	12.88	32	2.38	1888	1 2 .		
94	14.71	37	2.09	1922	1 4 .		
88	15.5	39	1.84	1918	1 5 .		
76	18.28	46	1.66	1890	1 8 .		
69	19.86	50	1.55	1795	2 0 .		
59	23.27	59	1.32	1877	2 2 .		
54	25.56	65	1.19	1848	2 5 .		
49	28.4	72	1.07	1910	2 8 .		
42	32.54	83	0.85	1900	3 2 .		
38	36.16	92	0.85	1780	3 6 .		
38	36.12	92	0.86	1890	M 0 3 3 0 3 6 . _ M _ - _ _ . 3 7 4 A _	17	71
87	15.87	40	3.94	3733	M 0 4 2 0 1 8 . M - . 3 7 4 A	17	71
80	17.25	44	3.91	3830	1 8 .		
68	20.23	51	3.58	4018	2 0 .		
63	21.99	56	3.29	4116	2 2 .		
56	24.85	63	2.8	4136	2 5 .		
49	28	71	2.53	4103	2 8 .		
44	31.68	81	2.3	4060	3 2		
39	35.69	91	2.04	4018	3 6 .		
35	39.37	100	1.85	3998	4 0 .		
31	44.36	113	1.65	3938	4 5 .		
29	47.09	120	1.55	3877	5 0 .		
26	53.54	137	1.33	3805	5 6 .		
24	58.54	149	1.25	3783	6 3 .		
21	66.55	170	1.1	3700	7 1 .		
39	35.19	90	2.09	4018	M 0 4 3 0 3 6 . _ M _ - _ _ . 3 7 4 A _	21	71
34	40.22	102	1.83	3958	4 0 .		
31	44.86	114	1.64	3915	4 5 .		
27	51.26	131	1.44	3838	5 0 .		
25	54.28	138	1.36	3783	5 6 .		
22	63.6	162	1.16	3690	6 3 .		
20	69.19	177	1.06	3630	7 1 .		
17	81.07	207	0.91	3500	8 0 .		
36	38.75	99	3.65	8459	M 0 5 2 0 4 0 . _ M _ - _ _ . 3 7 4 A _	26	71
33	42.43	108	3.34	8428	4 5 .		
29	48.15	123	2.7	8356	5 0 .		
26	54	138	2.03	8313	5 6 .		
24	57.96	148	2.53	8295	6 3		
21	65	166	2.03	8235	7 1 .		
24	58	148	2.75	8255	M 0 6 3 0 5 6 . _ M _ - _ _ . 3 7 4 A _	31	71
22	63.06	161	2.54	8214	6 3 .		
19	73.95	189	2.17	8141	7 1 .		
17	80.4	205	2	8085	8 0 .		
15	90.84	232	1.77	7962	9 0 .		
13	102.35	262	1.57	7860	1 0 0		
12	115.82	296	1.39	7772	1 1 2		
11	130.5	334	1.23	7645	1 2 5		
10	139.41	356	1.04	7590	1 4 0		
8.8	157.08	402	0.92	7440	1 6 0		
8	172.19	440	0.84	7270	1 8 0		
7	196.75	501	0.82	7060	2 0 0		
19	74.47	190	3.99	11332	M 0 7 3 0 7 1 . _ M _ - _ _ . 3 7 4 A _	53	71
17	79.51	203	3.73	11318	8 0 .		
15	91.15	233	3.24	11178	9 0 .		
14	99.8	255	2.96	11160	1 0 0		
12	116.34	297	2.55	11038	1 1 2		
11	127.39	326	2.33	11008	1 2 5		
10	142.15	363	2.04	10892	1 4 0		
8.9	155.66	398	1.87	10847	1 6 0		
7.9	174.01	445	1.71	10894	1 8 0		
7.1	195.15	499	1.53	10540	2 0 0		
6.5	212.62	544	1.37	10432	2 2 5		
5.8	238.45	610	1.22	10258	2 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.37 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	5.6	247.39	633	1.22	8266	M 0 7 4 0 2 5 0 _ M _ - _ _ . 3 7 4 A _	57	71
	4.4	313.88	803	0.96	7592	3 0 0		
	3.7	368.03	942	0.83	7592	3 5 0		
	5.3	261.7	670	2.14	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 3 7 4 A _	88	71
	4.3	318.22	814	1.42	23303	3 0 0		
	3.7	369.97	947	1.6	20576	3 5 0		
	3.5	394.69	1011	1.42	21603	4 0 0		
	2.9	471.71	1207	1.26	20576	4 5 0		
	2.7	503.48	1289	1.12	21603	5 0 0		
	2.5	558.25	1429	1.06	20576	5 8 0		
	2.2	632.72	1619	0.89	21603	8 5 0		
	4.2	326.89	841	3.34	25710	M 0 9 4 0 3 0 0 _ M _ - _ _ . 3 7 4 A _	147	71
	3.8	360.32	922	3.06	25710	3 5 0		
	3.3	419.08	1072	2.63	25710	4 0 0		
	2.9	471.06	1206	2.54	24951	4 5 0		
	2.8	495.97	1269	2.22	25710	5 0 0		
	2.5	557.5	1427	2.14	24951	5 6 0		
	2.2	632.36	1619	1.75	25710	8 5 0		
	1.8	784.72	2009	1.53	24951	7 8 0		
	1.6	846.67	2167	1.42	24951	8 8 0		
	1.4	988.15	2524	1.21	24951	1 0 C		
	1.3	1079.51	2763	1.12	24951	1 1 C		
	1.1	1226.57	3145	0.85	28129	1 2 C		
6 POLE	642	1.44	5	6.2	1636	M 0 3 2 0 1 . 4 _ M _ - _ _ . 3 7 6 A _	17.8	80
	476	1.95	7	5.08	1699	1 . 8		
	418	2.21	8	4.56	1743	2 . 2		
	369	2.51	9	4.24	1788	2 . 5		
	314	2.95	11	5.43	1848	2 . 8		
	289	3.21	12	3.48	1887	3 . 2		
	269	3.45	13	3.31	1893	3 . 6		
	232	3.98	15	5.08	1896	4 . 0		
	204	4.53	17	4.48	1898	4 . 5		
	183	5.07	19	4.04	1898	5 . 0		
	161	5.76	22	3.57	1898	5 . 6		
	141	6.58	25	3.1	1886	6 . 3		
	131	7.07	26	2.66	1861	7 . 1		
	111	8.35	31	2.48	1777	8 . 0		
	103	9	34	2.28	1746	9 . 0		
	91	10.11	38	2	1810	1 0 .		
	80	11.56	44	1.76	1741	1 1 .		
	72	12.88	49	1.6	1640	1 2 .		
	63	14.71	56	1.4	1707	1 4 .		
	59	16.6	58	1.3	1707	1 8 .		
	51	18.28	69	1.15	1572	1 8 .		
	47	19.86	75	1.04	1430	2 0 .		
	40	23.27	88	0.89	1424	2 2 .		
	75	12.37	47	3.68	3930	M 0 4 2 0 1 2 . _ M _ - _ _ . 3 7 6 A _	20.8	80
	68	14.05	53	3.48	4060	1 4 .		
	58	16.87	60	2.66	4146	1 8 .		
	54	17.25	65	2.63	4107	1 8 .		
	48	20.23	77	2.4	3966	2 0 .		
	42	21.99	83	2.21	4044	2 2 .		
	37	24.85	94	1.96	3917	2 5 .		
	33	28	106	1.74	3928	2 8 .		
	29	31.68	120	1.54	3873	3 2 .		
	26	35.89	136	1.37	3773	3 6 .		
	23	39.37	150	1.24	3676	4 0 .		
	21	44.36	169	1.1	3690	4 5 .		
	20	47.09	179	1.04	3601	5 0 .		
	17	53.54	204	0.9	3228	5 8 .		
	16	58.54	223	0.84	3108	6 3 .		
	26	35.19	134	1.4	3781	M 0 4 3 0 3 8 . _ M _ - _ _ . 3 7 6 A _	24.8	80
	23	40.22	153	1.22	3457	4 0 .		
	21	44.88	171	1.1	3645	4 5 .		
	18	51.26	195	0.96	3390	5 0 .		
	17	54.28	207	0.91	3120	5 8 .		
	37	25.25	96	3.87	8345	M 0 8 2 0 2 5 . _ M _ - _ _ . 3 7 6 A _	29.8	80
	33	27.65	105	3.41	8221	2 8 .		
	29	32.19	122	3.31	8079	3 2 .		
	28	35.25	134	3.02	8293	3 8 .		
	24	38.75	148	2.45	8171	4 0 .		
	22	42.49	162	2.24	8007	4 5 .		
	19	48.15	183	2.08	8105	5 0 .		
	17	54	206	1.96	7822	5 6 .		
	15	57.96	221	1.7	7708	6 3 .		
	14	65	248	1.36	7940	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.37 kW

6 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
26	35.47	135	3.02	8300	M 0 8 3 0 3 5 . _ M _ - _ _ . 3 7 5 A _	34.8	80
23	40.3	153	2.66	8240	4 0 .		
20	45.23	172	2.37	8190	4 5 .		
18	51.38	196	2.09	8110	5 0 .		
15	58	221	1.85	7522	5 8 .		
15	63.06	240	1.7	7270	6 3 .		
13	73.95	282	1.45	7834	7 1 .		
12	80.4	307	1.34	7311	8 0 .		
10	90.84	346	1.19	6596	9 0 .		
9	102.35	390	1.05	5892	1 0 0		
8	115.82	442	0.93	5427	1 1 2		
7.1	130.5	498	0.83	5860	1 2 5		
19	48.56	185	3.52	11400	M 0 7 2 0 5 0 . M - . 3 7 6 A _	48.8	80
17	53.96	206	2.76	11300	5 6 .		
16	59.34	226	3.31	11300	6 3 .		
14	65.93	251	2.76	11200	7 1 .		
18	52.69	201	3.75	11109	M 0 7 3 0 5 0 . M - . 3 7 6 A	55.8	80
16	58.34	222	3.39	10674	5 6 .		
15	62.29	237	3.18	10783	6 3 .		
12	74.47	284	2.66	10645	7 1 .		
12	79.51	303	2.5	10704	8 0 .		
10	91.15	348	2.17	10162	9 0 .		
9.3	99.6	381	1.99	10302	1 0 0		
8	116.34	444	1.71	9976	1 1 2		
7.3	127.39	486	1.56	9575	1 2 5		
6.5	142.16	542	1.37	10163	1 4 0		
5.8	155.56	594	1.25	9680	1 6 0		
5.3	174.01	664	1.17	8876	1 8 0		
4.7	195.15	745	1.04	8215	2 0 0		
4.4	212.52	812	0.92	8771	2 2 5		
3.9	238.45	910	0.82	7829	2 5 0		
3.7	247.39	944	0.82	8265	M 0 7 4 0 2 5 0 _ M _ - _ _ . 3 7 5 A _	50.8	80
3.5	261.7	999	1.43	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 3 7 5 A _	101.8	80
2.9	316.22	1215	0.95	23309	3 0 0		
2.5	369.87	1413	1.07	20576	3 5 0		
2.3	394.69	1508	0.95	21603	4 0 0		
2	471.71	1801	0.84	20576	4 5 0		
3.5	261.57	999	3.03	24951	M 0 9 4 0 2 5 0 _ M _ - _ _ . 3 7 5 A _	150.8	80
2.8	328.69	1255	2.24	25710	3 0 0		
2.6	360.32	1376	2.05	25710	3 5 0		
2.2	418.08	1600	1.76	25710	4 0 0		
2	471.09	1799	1.7	24951	4 5 0		
1.9	495.97	1894	1.48	25710	5 0 0		
1.7	557.5	2129	1.43	24951	5 6 0		
1.5	632.36	2415	1.17	25710	6 5 0		
1.2	784.72	2997	1.02	24951	7 8 0		
1.1	846.67	3234	0.95	24951	8 6 0		
0.94	986.15	3766	0.81	24951	1 0 C		
2.7	338.97	1287	3.13	42776	M 1 0 4 0 3 0 0 _ M _ - _ _ . 3 7 5 A _	212.8	80
2.5	374.32	1429	2.83	42776	3 5 0		
2.2	430.13	1642	2.47	42776	4 0 0		
2.1	441.09	1684	2.81	41580	4 5 0		
1.7	545.73	2084	1.93	42776	5 0 0		
1.7	559.64	2137	2.2	41580	5 6 0		
1.3	686.59	2660	1.52	42776	6 5 0		
1.2	776.97	2967	1.51	42352	7 8 0		
1.1	823.09	3143	1.51	41580	8 6 0		
0.95	976.52	3730	1.27	41580	1 0 C		
0.83	1113.2	4252	1.09	41919	1 1 C		
0.78	1176.62	4494	1	42352	1 2 C		
0.69	1341.32	5123	0.9	42213	1 3 C		
0.61	1523.03	5817	0.82	41580	1 5 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.55 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
951	1.44	5	6.17	1485	M 0 3 2 0 1 . 4 _ M _ - _ _ . 5 5 4 A _	17.4	80
704	1 95	7	5.07	1592	1 . 8		
619	2 21	8	4.55	1619	2 . 2		
547	2.51	9	4.23	1643	2 . 5		
465	2 95	11	5.98	1693	2 . 8		
427	3.21	12	3.44	1707	3 . 2		
397	3 45	13	3.3	1724	3 . 6		
344	3.98	15	5.07	1784	4 . 0		
303	4.53	17	4.47	1825	4 . 5		
270	5.07	19	4.02	1858	5 . 0		
238	5.76	22	3.54	1862	5 . 6		
208	6 56	25	3.07	1868	6 . 3		
194	7.07	27	2.85	1868	7 . 1		
164	8 35	32	2.46	1868	8 . 0		
152	9	34	2.27	1871	9 . 0		
135	10.11	38	1.69	1916	1 0 .		
119	11 56	44	1.75	1916	1 1 .		
106	12.88	49	1,59	1820	1 2 .		
93	14.71	56	1.39	1916	1 4 .		
86	15.8	59	1.3	1909	1 6 .		
75	18.28	70	1,11	1861	1 8 .		
68	19.86	76	1.03	1697	2 0 .		
59	23.27	89	0.86	1640	2 2 .		
124	11.03	42	3.8	3280	M 0 4 2 0 1 1 . _ M _ - _ _ . 5 5 4 A _	20.4	80
111	12 37	47	3.54	3400	1 2 .		
97	14.05	53	3.21	3520	1 4 .		
86	15.87	60	2.83	3841	1 6 .		
78	17 25	66	2.61	3730	1 8 .		
68	20.23	77	2.39	3902	2 0 .		
62	21 99	84	2.2	3991	2 2 .		
55	24.85	95	1.87	3993	2 5 .		
49	28	107	1.89	3940	2 8 .		
43	31.88	121	1.54	3880	3 2 .		
38	35.89	136	1,37	3815	3 6 .		
35	39 37	150	1.24	3784	4 0 .		
31	44.36	170	1.1	3700	4 5 .		
28	47.09	180	1.03	3810	5 0 .		
26	53 54	205	0.89	3500	5 6 .		
23	58.54	224	0.83	3470	6 3 .		
39	35.19	134	1.39	3815	M 0 4 3 0 3 6 . _ M _ - _ _ . 5 5 4 A _	24.4	80
34	40 22	154	1.22	3727	4 0 .		
31	44 86	171	1.1	3860	4 5 .		
27	51.26	196	0.96	3550	5 0 .		
25	54 28	208	0.91	3480	5 6 .		
54	25.25	96	3.2	7355	M 0 6 2 0 2 5 . _ M _ - _ _ . 5 6 4 A _	29.4	80
50	27 65	105	2.95	7558	2 8 .		
43	32.19	123	3.2	7930	3 2 .		
39	35 25	135	2.95	8142	3 6 .		
35	38.75	148	2.44	8284	4 0 .		
32	42.43	162	2.23	8248	4 5 .		
28	48.15	184	1.8	8155	5 0 .		
25	54	207	1.36	8078	5 6 .		
24	57 96	222	1.69	8047	6 3 .		
21	65	249	1.36	7957	7 1 .		
39	35.47	135	2.8	8150	M 0 6 3 0 3 6 . _ M _ - _ _ . 5 5 4 A _	34.4	80
34	40.3	154	2.51	8250	4 0 .		
30	45 23	173	2.37	8200	4 5 .		
27	51.38	196	2.08	8120	5 0 .		
24	58	222	1.84	8002	5 6 .		
22	63.06	241	1.7	7929	6 3 .		
19	73.95	283	1.45	7818	7 1 .		
17	80.4	308	1.33	7737	8 0 .		
15	90.84	348	1.18	7553	9 0 .		
13	102 35	392	1.05	7400	1 0 0		
12	115.82	444	0.93	7270	1 1 2		
10	130 5	500	0.82	7080	1 2 5		
28	48.56	186	3.04	11400	M 0 7 2 0 5 0 . _ M _ - _ _ . 6 6 4 A _	46.4	80
25	53 96	206	2.73	11300	5 6 .		
23	59.34	227	3.04	11300	6 3 .		
21	65 93	252	2.73	11200	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.55 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
26	52.69	202	3.74	11303	M 0 7 3 0 5 0 . _ M _ - _ _ . 5 5 4 A _	55.4	80
23	58.34	223	3.38	11247	5 8 .		
22	62.29	238	3.16	11204	6 3 .		
18	74.47	285	2.66	11062	7 1 .		
17	79.51	304	2.49	11048	8 0 .		
15	91.15	349	2.16	10845	9 0 .		
14	99.8	382	1.98	10600	1 0 0		
12	116.34	446	1.71	10647	1 1 2		
11	127.38	488	1.56	10565	1 2 5		
10	142.16	544	1.37	10432	1 4 0		
8.8	155.66	596	1.25	10318	1 6 0		
7.9	174.01	667	1.14	10098	1 8 0		
7	195.15	748	1.02	9850	2 0 0		
6.4	212.62	815	0.92	9730	2 2 5		
5.7	238.45	914	0.82	9470	2 5 0		
5.5	247.39	948	0.82	8266	M 0 7 4 0 2 5 0 _ M _ - _ _ . 5 5 4 A _	60.4	80
13	103.54	396	3.69	24200	M 0 8 3 0 1 0 0 _ M _ - _ _ . 5 5 4 A _	84.4	80
12	116.97	448	3.28	24200	1 1 2		
11	128.48	492	2.99	24100	1 2 5		
9.9	147.57	565	2.47	24100	1 4 0		
8.5	162.1	621	2.25	24100	1 6 0		
8	171.94	659	2.23	24000	1 8 0		
6.9	198	758	1.96	24000	2 0 0		
6.3	216.82	831	1.58	23900	2 2 5		
5.6	249.79	957	1.48	23900	2 5 0		
5.2	261.7	1003	1.43	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 5 5 4 A _	101.4	80
4.3	318.22	1219	0.95	23309	3 0 0		
3.7	369.97	1418	1.07	20576	3 5 0		
3.6	394.83	1513	0.95	21603	4 0 0		
2.9	471.71	1806	0.84	20576	4 5 0		
6.8	199.03	763	3.83	29600	M 0 9 3 0 2 0 0 _ M _ - _ _ . 5 5 4 A _	135.4	80
6.2	220.51	845	3.07	29600	2 2 5		
5.5	247.96	950	2.73	29500	2 5 0		
5.2	261.57	1002	3.02	24951	M 0 8 4 0 2 5 0 _ M _ - _ _ . 5 5 4 A _	150.4	80
4.2	328.69	1260	2.23	25710	3 0 0		
3.8	360.32	1381	2.04	25710	3 5 0		
3.3	419.08	1606	1.76	25710	4 0 0		
2.9	471.08	1805	1.69	24951	4 5 0		
2.8	495.97	1901	1.46	25710	5 0 0		
2.5	557.5	2137	1.43	24951	5 6 0		
2.2	632.36	2424	1.17	25710	6 5 0		
1.7	784.72	3008	1.02	24951	7 8 0		
1.6	846.67	3245	0.95	24951	8 6 0		
1.4	986.15	3780	0.81	24051	1 0 C		
4.1	336.97	1291	3.13	42776	M 1 0 4 0 3 0 0 _ M _ - _ _ . 5 5 4 A	212.4	80
3.7	374.32	1435	2.83	42776	3 5 0		
3.2	430.13	1648	2.45	42776	4 0 0		
3.1	441.06	1690	2.81	41580	4 5 0		
2.5	545.73	2092	1.93	42776	5 0 0		
2.4	559.64	2145	2.2	41580	5 6 0		
2	696.59	2670	1.52	42776	6 5 0		
1.8	776.97	2978	1.51	42352	7 8 0		
1.7	823.09	3155	1.51	41580	8 8 0		
1.4	976.52	3743	1.27	41580	1 0 C		
1.2	1113.2	4267	1.09	41919	1 1 C		
1.2	1178.62	4518	1	42352	1 2 C		
1	1341.32	5142	0.9	42219	1 5 C		
0.8	1623.03	6838	0.82	41580	1 5 C		
3	463.19	1775	3.76	64749	M 1 3 4 0 4 5 0 _ M _ - _ _ . 5 5 4 A _	323.4	80
2.6	522.83	2004	3.33	64749	5 0 0		
2.3	588.08	2254	3.04	64832	5 6 0		
2.1	654.98	2510	2.74	64832	6 5 0		
1.7	812.79	3115	2.22	64832	7 8 0		
1.5	898.83	3438	1.8	64982	8 8 0		
1.3	1017.11	3899	1.77	64532	1 0 C		
1.2	1112.31	4266	1.46	64062	1 1 C		
1.1	1262.18	4838	1.43	64832	1 2 C		
0.96	1392.67	5339	1.16	64062	1 3 C		
0.88	1692.34	6104	1.14	64832	1 5 C		
0.81	1689.07	6475	1.07	64532	1 7 C		
0.7	1944.99	7456	0.93	64832	1 9 C		
0.66	2066.21	7921	0.89	64580	2 1 C		
1.7	789.78	3027	3.8	80613	M 1 4 4 0 7 8 0 _ M _ - _ _ . 6 6 4 A _	438.4	80
1.5	898.7	3449	3.33	80613	8 6 0		
1.4	974.77	3736	3.11	80613	1 0 C		
1.2	1116.47	4280	2.59	80613	1 1 C		
1.1	1209.63	4637	2.52	80613	1 2 C		
1	1328.73	5093	2.29	80613	1 3 C		
0.9	1526.06	5850	2	80613	1 5 C		
0.77	1778.15	6818	1.71	80613	1 7 C		
0.67	2047.57	7849	1.49	80613	1 9 C		
0.61	2243.31	8600	1.36	80613	2 1 C		
0.57	2384.26	9140	1.27	80613	2 3 C		
0.53	2583.2	9903	1.19	80613	2 6 C		
0.47	2945.67	11292	0.94	80711	2 9 C		
0.44	3124.61	11978	0.88	80711	3 2 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.55 kW

6 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
642	1.44	8	4.17	1619	M 0 3 2 0 1 . 4 _ M _ - _ _ . 5 5 B A _	19.3	80
476	1.95	11	3.42	1677	1 . 8		
418	2.21	12	3.07	1717	2 . 2		
369	2.51	14	2.86	1758	2 . 5		
314	2.95	16	4.33	1818	2 . 8		
289	3.21	18	2.33	1829	3 . 2		
268	3.45	19	2.22	1843	3 . 6		
232	3.98	22	3.42	1855	4 . 0		
204	4.53	25	3.01	1868	4 . 5		
183	5.07	28	2.72	1858	5 . 0		
161	5.76	32	2.4	1868	5 . 6		
141	6.56	37	2.06	1855	6 . 3		
131	7.07	40	1.93	1811	7 . 1		
111	8.35	47	1.65	1668	8 . 0		
103	9	51	1.53	1614	9 . 0		
91	10.11	57	1.35	1723	1 0 .		
80	11.58	65	1.18	1505	1 1 .		
72	12.88	73	1.07	1432	1 2 .		
63	14.71	83	0.94	1547	1 4 .		
59	15.5	88	0.88	1547	1 5 .		
130	7.13	40	3.85	3257	M 0 4 2 0 7 . 1 _ M _ - _ _ . 5 5 B A _	22.3	80
116	8	45	3.61	3371	8 . 0		
102	9.09	51	3.26	3501	9 . 0		
95	9.7	55	3.07	3554	1 0 .		
84	11.03	62	2.8	3692	1 1 .		
75	12.37	70	2.81	3621	1 2 .		
66	14.05	79	2.33	3900	1 4 .		
58	15.87	90	1.79	4006	1 6 .		
54	17.25	97	1.77	3948	1 8 .		
48	20.23	114	1.62	3712	2 0 .		
42	21.98	124	1.49	3853	2 2 .		
37	24.85	141	1.32	3849	2 5 .		
33	28	158	1.17	3883	2 8 .		
29	31.68	179	1.04	3801	3 2 .		
26	35.69	202	0.92	3445	3 6 .		
23	39.37	223	0.84	3284	4 0 .		
28	35.19	199	0.94	3424	M 0 4 3 0 3 6 . _ M _ - _ _ . 6 6 B A _	28.3	80
23	40.22	228	0.82	2923	4 0 .		
57	16.16	91	3.57	7111	M 0 8 2 0 1 6 . _ M _ - _ _ . 5 5 6 A _	31.3	90
54	17.25	97	3.4	7203	1 8 .		
45	20.81	118	3.45	7728	2 0 .		
42	22	124	3.24	7779	2 2 .		
37	25.25	143	2.47	8098	2 5 .		
33	27.65	156	2.29	7898	2 8 .		
29	32.18	182	2.22	7851	3 2 .		
26	35.25	200	2.03	8038	3 6 .		
24	38.75	220	1.85	7841	4 0 .		
22	42.43	240	1.5	7586	4 5 .		
19	48.15	273	1.4	7756	5 0 .		
17	54	306	0.92	7291	5 6 .		
16	57.96	329	1.14	7102	6 3 .		
14	65	369	0.92	7523	7 1 .		
25	35.47	201	2.03	7979	M 0 8 3 0 3 6 . _ M _ - _ _ . 5 5 6 A _	36.3	90
23	40.3	228	1.79	7736	4 0 .		
20	45.23	256	1.59	7578	4 5 .		
18	51.38	291	1.4	7629	5 0 .		
16	58	329	1.25	8789	5 8 .		
15	63.06	358	1.15	6370	6 3 .		
13	73.95	419	0.98	7028	7 1 .		
12	80.4	456	0.9	6491	8 0 .		
25	35.17	199	3.77	11235	M 0 7 2 0 3 6 . _ M _ - _ _ . 5 5 6 A _	48.3	90
24	39.24	222	3.33	11159	4 0 .		
22	42.98	244	3.05	10970	4 5 .		
19	48.56	275	2.37	11016	5 0 .		
17	53.98	306	1.88	10778	5 8 .		
16	59.34	336	2.22	10994	6 3 .		
14	65.93	374	1.86	10643	7 1 .		
26	35.49	201	3.75	11300	M 0 7 3 0 3 6 . _ M _ - _ _ . 5 5 B A _	57.3	90
22	41.28	234	3.22	11203	4 0 .		
20	45.9	257	2.94	11110	4 5 .		
18	52.58	299	2.52	10643	5 0 .		
16	58.34	331	2.28	10187	5 6 .		
15	62.29	353	2.14	9871	6 3 .		
12	74.47	422	1.79	10224	7 1 .		
12	79.51	451	1.66	9949	8 0 .		
10	91.15	517	1.46	8989	9 0 .		
9.9	99.8	566	1.34	9357	1 0 0		
8	118.34	680	1.15	8722	1 1 2		
7.3	127.39	723	1.05	8038	1 2 5		
6.5	142.16	807	0.92	9181	1 4 0		
5.9	155.86	883	0.84	8334	1 6 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.55 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
13	69.08	382	3.5	24200	M 0 8 2 0 7 1 . _ M _ - _ _ . 5 5 6 A _	81.3	80
14	66.68	378	3.85	24200	M 0 8 3 0 6 3 . _ M _ - _ _ . 5 5 6 A _	86.3	80
13	73.3	416	3.62	24200	7 1 .		
11	82.74	469	3.14	24200	8 0 .		
10	94.26	535	2.73	24100	9 0 .		
8.9	103.54	587	2.49	24000	1 0 0		
7.9	116.97	664	2.22	24000	1 1 2		
7.2	128.49	729	2.01	24000	1 2 5		
6.3	147.57	837	1.66	23900	1 4 0		
5.7	162.1	920	1.51	23900	1 8 0		
5.4	171.94	976	1.51	23800	1 8 0		
4.7	198	1124	1.32	23700	2 0 0		
4.3	216.92	1231	1.15	23600	2 2 5		
3.7	249.78	1418	1.01	23500	2 5 0		
3.5	261.7	1485	0.96	21603	M 0 8 4 0 2 5 0 M - _ _ . 5 5 6 A	103.3	80
6.4	145.2	824	3.14	29600	M 0 8 3 0 1 4 0 M - _ _ . 5 5 6 A	137.3	80
5.8	160.29	910	2.84	29500	1 6 0		
5.2	177	1004	2.58	29500	1 8 0		
4.6	199.03	1130	2.65	29400	2 0 0		
4.2	220.51	1252	2.08	29300	2 2 5		
3.7	247.96	1407	1.86	29200	2 5 0		
3.5	261.57	1485	2.04	24951	M 0 8 4 0 2 5 0 _ M _ - _ _ . 5 5 6 A _	152.3	80
2.8	328.69	1866	1.5	25710	3 0 0		
2.6	360.32	2045	1.38	25710	3 5 0		
2.2	419.08	2379	1.18	25710	4 0 0		
2	471.08	2674	1.14	24951	4 5 0		
1.9	495.97	2818	1	25710	5 0 0		
1.7	557.5	3165	0.96	24951	5 6 0		
4.4	211.75	1202	3.89	49600	M 1 0 3 0 2 2 5 _ M _ - _ _ . 5 5 6 A _	192.3	80
4.1	227.5	1291	3.45	49400	2 5 0		
3.8	242.33	1375	3.41	41580	M 1 0 4 0 2 5 0 _ M _ - _ _ . 5 5 6 A _	214.3	80
2.7	336.97	1913	2.1	42778	3 0 0		
2.5	374.32	2125	1.91	42778	3 5 0		
2.2	430.13	2442	1.66	42778	4 0 0		
2.1	441.09	2504	1.69	41580	4 5 0		
1.7	545.73	3098	1.3	42776	5 0 0		
1.7	559.64	3177	1.48	41580	5 6 0		
1.3	696.58	3955	1.03	42776	6 5 0		
1.2	778.97	4411	1.01	42352	7 0 0		
1.1	823.09	4673	1.02	41580	8 5 0		
0.95	976.52	5544	0.85	41580	1 0 C		
3.1	294.09	1669	3.95	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ . 5 5 6 A _	325.3	80
2.8	331.98	1884	3.5	64749	3 0 0		
2.5	368.42	2091	3.24	64632	3 5 0		
2.2	415.88	2361	2.87	64832	4 0 0		
2	463.18	2629	2.53	64749	4 5 0		
1.8	522.83	2968	2.24	64749	5 0 0		
1.6	588.06	3339	2.05	64632	5 6 0		
1.4	654.98	3718	1.84	64832	6 5 0		
1.1	812.79	4614	1.49	64832	7 8 0		
1	896.83	5092	1.21	64962	8 8 0		
0.91	1017.11	5775	1.19	64832	1 0 C		
0.83	1112.91	6319	0.98	64962	1 1 C		
0.73	1262.16	7166	0.96	64832	1 2 C		
1.8	563.81	3201	3.57	80613	M 1 4 4 0 5 0 0 _ M _ - _ _ . 5 5 8 A _	440.3	80
1.5	636.42	3613	3.17	80613	5 6 0		
1.3	689.65	3972	2.89	80613	6 5 0		
1.2	789.76	4484	2.56	80613	7 8 0		
1	899.7	5108	2.25	80613	8 8 0		
0.95	974.77	5534	2.1	80613	1 0 C		
0.83	1116.47	6339	1.81	80613	1 1 C		
0.76	1209.63	6868	1.7	80613	1 2 C		
0.7	1328.73	7544	1.55	80613	1 3 C		
0.61	1526.06	8664	1.35	80613	1 5 C		
0.52	1778.15	10096	1.16	80613	1 7 C		
0.45	2047.57	11626	1.01	80613	1 9 C		
0.41	2243.31	12737	0.92	80613	2 1 C		
0.39	2384.26	13537	0.86	80613	2 3 C		
0.36	2583.2	14667	0.8	80613	2 8 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.75 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
962	1.44	7	4.57	1473	M 0 3 2 0 1 . 4 M . .7 5 4 A	18.5	80
712	1.95	10	3.76	1575	1 . 8		
628	2.21	11	3.37	1600	2 . 2		
553	2.51	12	3.13	1621	2 . 5		
470	2.95	15	4.43	1671	2 . 8		
432	3.21	16	2.55	1678	3 . 2		
401	3.45	17	2.45	1694	3 . 6		
348	3.98	20	3.78	1754	4 . 0		
306	4.53	23	3.31	1790	4 . 5		
273	5.07	26	2.98	1821	5 . 0		
240	5.76	29	2.62	1825	5 . 6		
211	6.56	33	2.28	1835	6 . 3		
186	7.07	36	2.11	1835	7 . 1		
168	8.35	43	1.82	1835	8 . 0		
154	9	46	1.69	1839	9 . 0		
137	10.11	52	1.48	1910	1 0 .		
120	11.56	59	1.3	1910	1 1 .		
108	12.88	66	1.18	1789	1 2 .		
94	14.71	76	1.03	1910	1 4 .		
89	15.5	80	0.96	1900	1 6 .		
76	18.28	94	0.82	1830	1 8 .		
194	7.13	36	3.85	2983	M 0 4 2 0 7 . 1 _M_ - _ _ 7 5 4 A_	21.5	80
173	8	41	3.72	3038	8 . 0		
152	9.09	46	3.35	3102	9 . 0		
143	9.7	50	3.09	3127	1 0 .		
125	11.03	57	2.81	3208	1 1 .		
112	12.37	63	2.62	3321	1 2 .		
99	14.05	72	2.38	3431	1 4 .		
87	15.87	82	1.95	3540	1 6 .		
80	17.25	89	1.84	3618	1 8 .		
68	20.23	104	1.77	3773	2 0 .		
63	21.99	113	1.63	3852	2 2 .		
56	24.85	128	1.39	3832	2 5 .		
49	28	144	1.25	3780	2 8 .		
44	31.88	163	1.14	3680	3 2 .		
39	35.89	184	1.01	3590	3 6 .		
35	39.37	203	0.92	3550	4 0 .		
39	35.19	181	1.03	3580	M 0 4 3 0 3 6 . _M_ - _ _ . 7 5 4 A_	25.5	80
34	40.22	207	0.9	3470	4 0 .		
86	16.16	83	3.43	6340	M 0 8 2 0 1 6 . M . .7 5 4 A	30.5	80
80	17.25	89	3.25	6462	1 8 .		
67	20.61	106	3.43	6830	2 0 .		
63	22	113	3.25	6960	2 2 .		
55	25.25	130	2.37	7227	2 5 .		
50	27.55	142	2.19	7417	2 8 .		
43	32.19	166	2.37	7773	3 2 .		
39	35.25	182	2.19	7971	3 6 .		
35	38.75	200	1.81	8110	4 0 .		
33	42.43	219	1.66	8045	4 5 .		
29	48.15	248	1.34	7920	5 0 .		
26	54	279	1.01	7817	5 6 .		
24	57.96	299	1.25	7772	6 3 .		
21	65	336	1.01	7650	7 1 .		
39	35.47	183	2.08	7971	M 0 8 3 0 3 6 . _M_ - _ _ . 7 5 4 A_	35.5	80
34	40.3	208	1.86	8045	4 0 .		
31	45.23	233	1.76	7981	4 5 .		
27	51.38	265	1.54	7872	5 0 .		
24	58	299	1.36	7710	5 6 .		
22	63.06	326	1.26	7613	6 3 .		
19	73.95	382	1.07	7460	7 1 .		
17	80.4	415	0.99	7350	8 0 .		
15	90.84	469	0.88	7100	9 0 .		
35	39.24	202	3.21	10954	M 0 7 2 0 4 0 . _M_ - _ _ . 7 5 4 A_	47.5	80
32	42.98	222	2.97	11242	4 5 .		
29	48.56	251	2.25	11209	5 0 .		
26	53.96	279	2.02	11095	5 6 .		
23	59.34	306	2.25	11068	6 3 .		
21	65.93	340	2.02	10947	7 1 .		
34	41.28	213	3.54	11089	M 0 7 3 0 4 0 . _M_ - _ _ . 7 5 4 A_	56.5	80
31	45.3	234	3.23	11281	4 5 .		
28	52.59	272	2.78	11105	5 0 .		
24	58.34	301	2.51	11012	5 6 .		
22	62.29	322	2.34	10941	6 3 .		
19	74.47	385	1.97	10804	7 1 .		
17	79.51	411	1.85	10744	8 0 .		
15	91.15	471	1.6	10476	9 0 .		
14	99.9	516	1.46	10400	1 0 0		
12	116.34	601	1.26	10211	1 1 2		
11	127.39	658	1.16	10078	1 2 5		
10	142.16	735	1.01	9920	1 4 0		
8.9	155.56	804	0.93	9730	1 5 0		
8	174.01	899	0.85	9410	1 8 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.75 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
20	68.09	357	3.68	24234	M 0 8 2 0 7 1 . _ M _ - _ _ . 7 5 4 A _	80 5	80
19	73.3	379	3.66	24226	M 0 8 3 0 7 1 . _ M _ - _ _ . 7 5 4 A _	85 5	80
17	82.74	427	3.44	24218	8 0 .		
15	94.26	487	3.01	24109	9 0 .		
13	103 54	535	2.74	24080	1 0 0		
12	116 97	604	2.43	24073	1 1 2		
11	126 48	654	2.22	23994	1 2 5		
9.4	147 57	763	1.83	23973	1 4 0		
8.5	162 1	838	1.67	23952	1 6 0		
8.1	171 94	889	1.66	23854	1 8 0		
7	198	1023	1.45	23818	2 0 0		
6.4	216 92	1121	1.24	23718	2 2 5		
5.5	249 79	1291	1.08	23600	2 5 0		
5.3	261 7	1353	1.06	21603	M 0 8 4 0 2 5 0 _ M _ - _ _ . 7 5 4 A _	102.5	80
10	145.2	750	3.45	29583	M 0 8 3 0 1 4 0 _ M _ - _ _ . 7 5 4 A _	138.5	80
8.8	160 29	828	3.13	29578	1 6 0		
7.8	177	915	3.27	29478	1 8 0		
7	199 03	1029	2.92	29466	2 0 0		
6.3	220.51	1140	2.28	29431	2 2 5		
5.6	247 98	1282	2.02	29331	2 5 0		
5.3	261 57	1352	2.24	24951	M 0 8 4 0 2 5 0 _ M _ - _ _ . 7 5 4 A _	151.5	80
4.2	328 69	1699	1.85	25710	3 0 0		
3.8	360 32	1863	1.62	25710	3 5 0		
3.3	419 08	2167	1.3	25710	4 0 0		
2.9	471.08	2435	1.26	24951	4 5 0		
2.8	495 97	2564	1.1	25710	5 0 0		
2.5	557.5	2882	1.06	24951	5 6 0		
2.2	632 36	3270	0.86	25710	6 5 0		
8.1	227.5	1176	3.73	49634	M 1 0 3 0 2 5 0 _ M _ - _ _ . 7 5 4 A _	191.5	80
5.7	242 33	1253	3.75	41580	M 1 0 4 0 2 5 0 _ M _ - _ _ . 7 5 4 A _	213.5	80
4.1	336 97	1742	2.32	42776	3 0 0		
3.7	374 32	1935	2.1	42776	3 5 0		
3.2	430.13	2224	1.83	42776	4 0 0		
3.1	441 09	2280	2.08	41580	4 5 0		
2.5	545.73	2822	1.43	42776	5 0 0		
2.5	558 64	2889	1.83	41580	5 6 0		
2	696 59	3602	1.13	42776	6 5 0		
1.8	776 87	4017	1.12	42352	7 8 0		
1.7	823 09	4256	1.12	41580	8 6 0		
1.4	976 52	5049	0.84	41580	1 0 C		
1.2	1113 2	5756	0.8	41919	1 1 C		
4.2	331 86	1716	3.65	64749	M 1 3 4 0 3 0 0 _ M _ - _ _ . 7 5 4 A _	324.5	80
3.8	368 42	1905	3.57	64832	3 5 0		
3.3	415 88	2150	3.16	64832	4 0 0		
3	463 19	2395	2.79	64749	4 5 0		
2.8	522 83	2703	2.47	64749	5 0 0		
2.4	588 06	3041	2.26	64832	5 6 0		
2.1	654 98	3386	2.03	64832	6 5 0		
1.7	812 79	4202	1.64	64832	7 8 0		
1.5	896 83	4637	1.33	64962	8 6 0		
1.4	1017.11	5259	1.31	64832	1 0 C		
1.2	1112 81	5754	1.08	64962	1 1 C		
1.1	1262 18	6526	1.06	64832	1 2 C		
0.99	1392 67	7201	0.86	64962	1 3 C		
0.87	1592 34	8234	0.84	64832	1 5 C		
2.5	563 81	2915	3.93	80613	M 1 4 4 0 5 0 0 _ M _ - _ _ . 7 5 4 A _	439.5	80
2.2	636 42	3290	3.48	80613	5 6 0		
2	699 65	3617	3.18	80613	6 5 0		
1.8	789 76	4083	2.82	80613	7 8 0		
1.5	899 7	4652	2.47	80613	8 6 0		
1.4	974 77	5040	2.31	80613	1 0 C		
1.2	1116.47	5773	2	80613	1 1 C		
1.1	1209 63	6255	1.87	80613	1 2 C		
1	1328 73	6870	1.7	80613	1 3 C		
0.91	1526 06	7891	1.49	80613	1 5 C		
0.78	1778 15	9194	1.27	80613	1 7 C		
0.68	2047.57	10588	1.11	80613	1 9 C		
0.62	2243 31	11600	1.01	80613	2 1 C		
0.58	2384.26	12329	0.94	80613	2 3 C		
0.54	2583 2	13357	0.88	80613	2 6 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.75 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
632	1.44	11	3.01	1600	M 0 3 2 0 1 . 4 _ M _ - _ _ . 7 5 B A _	22.4	90S
468	1 95	15	2.46	1652	1 . 8		
411	2.21	17	2.21	1688	2 . 2		
363	2.51	19	2.06	1725	2 . 5		
309	2 95	23	3.12	1785	2 . 8		
284	3.21	25	1.68	1787	3 . 2		
263	3 45	27	1.61	1798	3 . 6		
229	3.98	31	2.48	1630	4 . 0		
201	4 53	35	2.17	1635	4 . 5		
180	5.07	39	1.98	1635	5 . 0		
158	5.76	45	1.73	1635	5 . 6		
139	6 56	51	1.5	1820	6 . 3		
129	7.07	55	1.39	1758	7 . 1		
109	8 35	65	1.19	1548	8 . 0		
101	9	70	1.11	1468	9 . 0		
90	10.11	79	0.97	1627	1 0 .		
79	11 56	90	0.85	1454	1 1 .		
261	3.24	25	3.63	2781	M 0 4 2 0 3 . 2 _ M _ - _ _ . 7 5 5 A _	25.4	90S
247	3.68	28	3.34	2841	3 . 6		
181	5.03	39	3.7	3016	5 . 0		
164	5.55	43	3.44	3058	5 . 6		
145	6 28	49	3.06	3113	6 . 3		
128	7 13	56	2.78	3187	7 . 1		
114	8	62	2.6	3294	8 . 0		
100	9 09	71	2.38	3413	9 . 0		
94	9.7	76	2.21	3489	1 0 .		
83	11.03	86	2.02	3584	1 1 .		
74	12 37	97	1.88	3701	1 2 .		
65	14.05	110	1.68	3700	1 4 .		
57	15 87	124	1.29	3851	1 8 .		
53	17.25	135	1.28	3768	1 8 .		
45	20 23	159	1,17	3429	2 0 .		
41	21.99	173	1.07	3841	2 2 .		
37	24 85	195	0.95	3351	2 5 .		
33	28	220	0 85	3410	2 8		
93	9.83	77	3.74	6050	M 0 8 2 0 1 0 . _ M _ - _ _ . 7 5 B A _	34.4	90S
80	11.44	89	3.36	6235	1 1 .		
73	12.54	98	3.73	6404	1 2 .		
62	14.58	114	3.34	6868	1 4 .		
56	16.16	127	2.58	6907	1 6 .		
53	17 25	135	2.45	6867	1 8 .		
44	20.61	162	2.49	7520	2 0 .		
41	22	173	2.34	7514	2 2 .		
36	25.25	198	1.78	7820	2 5 .		
33	27.85	217	1.66	7540	2 8 .		
28	32.19	253	1.61	7181	3 2 .		
26	35 25	277	1.47	7750	3 6 .		
23	38.75	304	1.19	7475	4 0 .		
21	42.43	333	1.09	7076	4 5 .		
19	46.15	378	1.01	7368	5 0 .		
16	57.96	458	0.82	6428	6 3 .		
28	35.47	279	1.47	7624	M 0 8 3 0 3 6 . _ M _ - _ _ . 7 5 5 A _	40.4	90S
23	40.3	317	1.29	7177	4 0 .		
20	45.23	355	1.15	6898	4 5 .		
18	51.36	404	1.01	7094	5 0 .		
15	58	456	0.9	5875	5 6 .		
14	63.06	496	0.83	5370	6 3 .		
36	25.16	198	3.78	10727	M 0 7 2 0 2 5 . _ M _ - _ _ . 7 5 5 A _	51.4	90S
33	27.56	216	3.45	10659	2 8 .		
28	32.12	252	2.97	10780	3 2 .		
26	35.17	276	2.72	10840	3 6 .		
23	39.24	308	2.4	10780	4 0 .		
21	42.98	338	2.2	10492	4 5 .		
19	48.56	382	1.71	10590	5 0 .		
17	53.96	424	1.34	10195	5 6 .		
15	59.34	466	1.61	10654	6 3 .		
14	65.93	518	1.34	10448	7 1 .		
26	35.49	279	2.7	11064	M 0 7 3 0 3 6 . _ M _ - _ _ . 7 5 5 A _	61.4	90S
22	41.28	324	2.33	10935	4 0 .		
20	45.9	356	2.12	10791	4 5 .		
17	52.89	414	1.82	10127	5 0 .		
16	58.34	459	1.64	9424	5 6 .		
15	62.29	480	1.54	9081	6 3 .		
12	74.47	586	1.29	9535	7 1 .		
11	79.51	625	1.21	9112	8 0 .		
10	91.15	717	1.06	7668	9 0 .		
9.1	99.8	785	0.97	8307	1 0 0		
7.8	116.34	915	0.83	7328	1 1 2		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

0.75 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
20	44.84	352	3.88	24218	M 0 8 2 0 4 5 . _M_ - _ _ . 7 5 6 A_	84.4	90S
19	47.58	374	3.88	24114	5 0 .		
17	54.75	431	3.39	23934	5 6 .		
15	60	472	2.81	24093	6 3 .		
13	69.09	543	2.53	23886	7 1 .		
15	59.07	464	3.13	24115	M 0 8 3 0 5 6 . M - . 7 5 6 A_	89.4	90S
14	66.68	524	2.78	24090	6 3 .		
12	73.3	576	2.54	24090	7 1 .		
11	82.74	651	2.26	23945	8 0 .		
10	94.28	741	1.97	23384	9 0 .		
8.8	103.54	814	1.79	23018	1 0 0		
7.8	116.97	920	1.61	23768	1 1 2		
7.1	128.49	1011	1.45	23388	1 2 5		
6.2	147.57	1161	1.2	22847	1 4 0		
5.6	162.1	1275	1.09	22363	1 6 0		
5.3	171.94	1353	1.09	22927	1 8 0		
4.6	198	1558	0.95	21809	2 0 0		
4.2	216.92	1707	0.83	21236	2 2 5		
10	93.92	739	3.73	29590	M 0 8 3 0 9 0 . _M_ - _ _ . 7 5 8 A_	140.4	90S
8.8	103.68	816	3.37	29578	1 0 0		
7.8	116.55	917	3.25	29478	1 1 2		
7.1	128.68	1012	2.94	29468	1 2 5		
6.3	145.2	1142	2.26	29442	1 4 0		
5.7	160.29	1261	2.05	29330	1 6 0		
5.1	177	1393	2.15	29051	1 8 0		
4.6	193.03	1568	1.91	28503	2 0 0		
4.1	220.51	1735	1.5	29068	2 2 5		
3.7	247.96	1951	1.34	28925	2 5 0		
3.5	261.57	2058	1.47	24951	M 0 8 4 0 2 5 0 _M_ - _ _ . 7 5 6 A_	152.4	90S
2.8	328.69	2586	1.09	25710	3 0 0		
2.5	360.32	2835	0.99	25710	3 5 0		
2.2	419.08	3298	0.85	25710	4 0 0		
1.9	471.08	3707	0.82	24951	4 5 0		
5.6	158.57	1232	3.55	49518	M 1 0 3 0 1 6 0 _M_ - _ _ . 7 5 6 A_	195.4	90S
5.2	175.74	1383	3.35	49249	1 8 0		
4.6	198.61	1485	3.12	48928	2 0 0		
4.3	211.75	1666	2.65	48946	2 2 5		
4	227.5	1790	2.49	48706	2 5 0		
3.8	242.33	1907	2.48	41580	M 1 0 4 0 2 5 0 _M_ - _ _ . 7 5 6 A_	217.4	90S
2.7	336.97	2652	1.52	42776	3 0 0		
2.4	374.32	2946	1.37	42776	3 5 0		
2.1	430.13	3385	1.2	42776	4 0 0		
2.1	441.09	3471	1.36	41580	4 5 0		
1.7	545.73	4296	0.94	42776	5 0 0		
1.6	559.84	4404	1.07	41580	5 6 0		
3.1	284.09	2314	2.85	64749	M 1 3 4 0 2 5 0 M - _ _ . 7 5 6 A_	328.4	90S
2.7	331.96	2612	2.52	64749	3 0 0		
2.5	368.42	2899	2.34	64832	3 5 0		
2.2	415.66	3272	2.07	64832	4 0 0		
2	463.19	3645	1.82	64749	4 5 0		
1.7	522.63	4114	1.62	64749	5 0 0		
1.5	588.06	4628	1.48	64832	5 6 0		
1.4	654.98	5154	1.33	64832	6 5 0		
1.1	812.79	6396	1.08	64832	7 8 0		
1	896.83	7058	0.87	64982	8 6 0		
0.89	1017.11	8004	0.86	64832	1 0 C		
1.8	563.61	4437	2.58	80613	M 1 4 4 0 5 0 0 _M_ - _ _ . 7 5 6 A_	443.4	90S
1.4	636.42	5008	2.28	80613	5 6 0		
1.3	699.65	5506	2.08	80613	6 5 0		
1.2	789.76	6215	1.85	80613	7 8 0		
1	899.7	7080	1.62	80613	8 6 0		
0.93	974.77	7671	1.51	80613	1 0 C		
0.82	1116.47	8786	1.31	80613	1 1 C		
0.75	1209.63	9520	1.22	80613	1 2 C		
0.68	1328.73	10457	1.12	80613	1 3 C		
0.6	1526.06	12010	0.97	80613	1 5 C		
0.51	1778.15	13994	0.83	80613	1 7 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.1 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
958	1.44	10	3.11	1453	M 0 3 2 0 1 . 4 M - 1 . 1 4 A	21.8	90S
709	1.95	14	2.55	1544	1 . 8		
624	2.21	16	2.29	1587	2 . 2		
551	2.51	18	2.13	1583	2 . 5		
469	2.95	22	3.01	1633	2 . 8		
430	3.21	24	1.73	1627	3 . 2		
399	3.45	26	1.66	1640	3 . 6		
347	3.98	30	2.55	1700	4 . 0		
305	4.53	34	2.25	1729	4 . 5		
272	5.07	38	2.02	1755	5 . 0		
240	5.76	43	1.78	1752	5 . 6		
210	6.56	49	1.55	1778	6 . 3		
195	7.07	53	1.44	1778	7 . 1		
165	8.35	63	1.24	1778	8 . 0		
153	9	68	1.14	1783	9 . 0		
136	10.11	76	1	1900	1 0 .		
119	11.56	87	0.88	1900	1 1 .		
107	12.88	98	0.8	1680	1 2 .		
426	3.24	24	3.75	2553	M 0 4 2 0 3 . 2 _ M _ - _ _ 1 . 1 4 A _	24.8	90S
375	3.68	28	3.45	2595	3 . 6		
349	3.95	30	3.85	2639	4 . 0		
317	4.35	33	3.75	2683	4 . 5		
274	5.03	38	3.39	2752	5 . 0		
249	5.55	42	3.2	2792	5 . 6		
220	6.28	47	2.97	2847	6 . 3		
194	7.13	54	2.68	2902	7 . 1		
173	8	60	2.53	2948	8 . 0		
152	9.09	69	2.28	3000	9 . 0		
142	9.7	73	2.1	3017	1 0 .		
125	11.03	83	1.91	3083	1 1 .		
112	12.37	94	1.78	3183	1 2 .		
96	14.05	105	1.52	3276	1 4 .		
87	15.87	120	1.32	3382	1 6 .		
80	17.25	131	1.32	3423	1 8 .		
66	20.23	153	1.2	3547	2 0 .		
63	21.99	167	1.11	3810	2 2 .		
56	24.85	189	0.94	3550	2 5 .		
140	9.83	74	3.37	5644	M 0 6 2 0 1 0 . _ M _ - _ _ 1 . 1 4 A _	33.8	90S
121	11.44	87	3.03	5664	1 1 .		
110	12.54	95	3.37	5787	1 2 .		
95	14.58	110	3.03	6028	1 4 .		
85	16.16	123	2.33	6185	1 6 .		
80	17.25	131	2.21	6308	1 8 .		
67	20.61	156	2.33	6853	2 0 .		
63	22	167	2.21	6772	2 2		
55	25.25	192	1.81	7003	2 5 .		
50	27.65	210	1.49	7172	2 8 .		
43	32.19	245	1.81	7497	3 2 .		
39	35.25	268	1.49	7672	3 5 .		
36	38.75	294	1.23	7788	4 0 .		
33	42.43	322	1.12	7892	4 5 .		
28	48.15	366	0.91	7510	5 0 .		
24	57.96	441	0.85	7290	6 3 .		
39	35.47	270	1.41	7857	M 0 6 3 0 3 6 . _ M _ - _ _ 1 . 1 4 A _	39.8	90S
34	40.3	306	1.26	7888	4 0 .		
31	45.23	344	1.19	7597	4 5 .		
27	51.38	391	1.05	7440	5 0 .		
24	58	441	0.93	7200	5 8		
22	63.06	479	0.86	7080	6 3 .		
55	25.16	191	3.91	9379	M 0 7 2 0 2 5 . _ M _ - _ _ 1 . 1 4 A _	50.8	90S
50	27.56	209	3.57	9639	2 8 .		
43	32.12	244	3.07	10068	3 2 .		
39	35.17	267	2.8	10396	3 6 .		
35	39.24	298	2.18	10700	4 0 .		
32	42.98	327	2.02	10966	4 5 .		
28	48.56	369	1.53	10878	5 0 .		
26	53.96	410	1.38	10736	5 6 .		
23	59.94	451	1.53	10883	6 3 .		
21	65.93	501	1.38	10505	7 1 .		
39	35.49	270	2.79	10384	M 0 7 3 0 3 5 . _ M _ - _ _ 1 . 1 4 A _	60.8	90S
33	41.28	314	2.41	10801	4 0 .		
30	45.9	344	2.2	10955	4 5 .		
26	52.69	401	1.89	10758	5 0 .		
24	58.94	444	1.7	10801	5 6 .		
22	62.29	474	1.59	10479	6 3 .		
18	74.47	566	1.34	10316	7 1 .		
17	79.51	605	1.25	10214	8 0 .		
15	91.15	693	1.09	9829	9 0 .		
14	99.8	759	0.99	9700	1 0 0		
12	116.34	885	0.86	9450	1 1 2		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.1 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
25	54.76	416	3.5	24156	M 0 8 2 0 5 6 . _ M _ - _ _ 1 . 1 4 A _	83 8	90S
23	60	456	3	24142	8 3 .		
20	69.09	525	2.62	24120	7 1 .		
23	59.07	449	3.25	24140	M 0 8 3 0 5 6 . _ M _ - _ _ 1 . 1 4 A _	88 8	90S
21	66.68	507	2.88	24120	6 3 .		
18	73.3	557	2.64	24097	7 1 .		
17	82.74	629	2.34	24075	8 0 .		
15	94.26	717	2.04	23933	9 0 .		
13	103.54	788	1.86	23900	1 0 0		
12	116.97	890	1.65	23852	1 1 2		
11	128.49	977	1.51	23810	1 2 5		
9.4	147.57	1123	1.25	23752	1 4 0		
8.5	162.1	1233	1.13	23694	1 6 0		
8	171.94	1308	1.12	23600	1 8 0		
7	198	1507	0.99	23500	2 0 0		
5.4	215.92	1651	0.85	23400	2 2 5		
15	93 92	714	3.86	29806	M 0 8 3 0 9 0 . _ M _ - _ _ 1 . 1 4 A _	139 8	90S
13	103.68	789	3.5	29576	1 0 0		
12	116.55	887	3.37	29576	1 1 2		
11	128.86	979	3.05	29475	1 2 5		
10	145 2	1105	2.34	29406	1 4 0		
8.8	160.29	1220	2.13	29388	1 6 0		
7.8	177	1347	2.22	29266	1 8 0		
6.9	199.03	1514	1.98	29233	2 0 0		
6.3	220.51	1678	1.55	29136	2 2 5		
5.6	247.96	1887	1.38	29036	2 5 0		
5.3	261.57	1990	1.52	24951	M 0 8 4 0 2 5 0 _ M _ - _ _ 1 . 1 4 A _	151.8	90S
4.2	328.59	2501	1.12	25710	3 0 0		
3.6	360.32	2742	1.03	25710	3 5 0		
3.3	419.08	3189	0.89	25710	4 0 0		
2.8	471.06	3585	0.85	24951	4 5 0		
8.8	155.57	1181	3.58	49823	M 1 0 3 0 1 5 0 _ M _ - _ _ 1 . 1 4 A _	194.8	90S
7.9	175.74	1337	3.46	48379	1 8 0		
7.3	188.81	1437	3.23	48215	2 0 0		
6.5	211.75	1611	2.73	48010	2 2 5		
6.1	227.5	1731	2.54	48820	2 5 0		
5.7	242.39	1844	2.55	41580	M 1 0 4 0 2 5 0 _ M _ - _ _ 1 . 1 4 A _	216.8	90S
4.1	336.97	2564	1.57	42776	3 0 0		
3.7	374.32	2849	1.43	42776	3 5 0		
3.2	430.13	3274	1.24	42776	4 0 0		
3.1	441.09	3357	1.41	41580	4 5 0		
2.5	545.79	4153	0.87	42776	5 0 0		
2.6	559.64	4259	1.11	41580	5 6 0		
4.7	294.09	2238	2.95	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 1 . 1 4 A _	327.8	90S
4.2	331.86	2526	2.61	64749	3 0 0		
3.7	368.42	2804	2.42	64832	3 5 0		
3.3	416.86	3165	2.15	64832	4 0 0		
3	463.19	3525	1.89	64749	4 5 0		
2.6	522.53	3979	1.68	64749	5 0 0		
2.3	586.09	4476	1.53	64832	5 6 0		
2.1	654.98	4985	1.38	64832	6 5 0		
1.7	812.79	6188	1.12	64832	7 8 0		
1.5	896.89	6826	0.9	64982	8 6 0		
1.4	1017.11	7741	0.89	64832	1 0 C		
2.4	563.81	4291	2.67	80613	M 1 4 4 0 5 0 0 _ M _ - _ _ 1 . 1 4 A _	442.8	90S
2.2	636.42	4844	2.37	80613	5 6 0		
2	699.65	5325	2.16	80613	6 5 0		
1.7	789.78	6011	1.91	80613	7 8 0		
1.5	899.7	6848	1.68	80613	8 6 0		
1.4	974.77	7419	1.57	80613	1 0 C		
1.2	1116.47	8498	1.36	80613	1 1 C		
1.1	1209.63	9207	1.27	80613	1 2 C		
1	1328.73	10113	1.15	80613	1 3 C		
0.9	1526.06	11615	1.01	80613	1 5 C		
0.78	1778.15	13534	0.86	80613	1 7 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.1 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
838	1.44	16	2.07	1567	M 0 3 2 0 1 . 4 _ M _ - _ _ 1 . 1 6 A	26.5	90L
473	1.95	22	1.7	1609	1 . 8		
416	2.21	25	1.52	1637	2 . 2		
367	2.51	28	1.42	1666	2 . 5		
312	2.95	33	2.15	1726	2 . 8		
287	3.21	36	1.16	1714	3 . 2		
266	3.45	39	1.11	1719	3 . 6		
231	3.98	45	1.7	1769	4 . 0		
203	4.53	51	1.5	1776	4 . 5		
182	5.07	57	1.35	1776	5 . 0		
160	5.76	65	1.19	1776	5 . 6		
140	6.56	74	1.04	1759	6 . 3		
130	7.07	80	0.96	1660	7 . 1		
110	8.35	95	0.82	1333	8 . 0		
833	1.45	16	3.94	2440	M 0 4 2 0 1 . 4 M - 1 . 1 6 A	29.5	90L
451	2.04	23	3.69	2536	1 . 8		
409	2.25	26	3.44	2558	2 . 2		
360	2.55	29	3.08	2616	2 . 5		
327	2.82	32	3.82	2676	2 . 8		
284	3.24	37	2.5	2718	3 . 2		
250	3.68	42	2.3	2768	3 . 6		
233	3.95	45	2.98	2828	4 . 0		
211	4.35	49	2.77	2864	4 . 5		
183	5.03	57	2.55	2930	5 . 0		
166	5.55	63	2.37	2964	5 . 6		
147	6.28	71	2.11	3006	6 . 3		
129	7.13	81	1.92	3064	7 . 1		
115	8	91	1.79	3160	8 . 0		
101	9.09	103	1.63	3260	9 . 0		
95	9.7	110	1.52	3302	1 0 .		
83	11.03	125	1.39	3395	1 1 .		
74	12.37	141	1.3	3491	1 2 .		
65	14.05	160	1.16	3350	1 4 .		
58	15.87	181	0.89	3580	1 6 .		
53	17.25	196	0.88	3456	1 8 .		
45	20.23	230	0.8	2935	2 0 .		
94	9.83	112	2.58	5850	M 0 8 2 0 1 0 . _ M _ - _ _ 1 . 1 6 A	39.5	90L
80	11.44	130	2.32	5954	1 1 .		
73	12.54	143	2.57	6101	1 2 .		
63	14.58	165	2.3	6528	1 4 .		
57	16.16	184	1.78	6549	1 6 .		
53	17.25	197	1.69	6555	1 8 .		
45	20.61	235	1.72	7159	2 0 .		
42	22	251	1.61	7050	2 2 .		
36	25.25	288	1.23	7337	2 5 .		
33	27.65	315	1.14	6912	2 8 .		
29	32.19	367	1.11	6360	3 2 .		
26	35.25	402	1.01	7251	3 6 .		
24	38.75	442	0.82	6833	4 0 .		
28	35.47	405	1.01	7001	M 0 8 3 0 3 6 . _ M _ - _ _ 1 . 1 6 A	44.5	90L
23	40.9	460	0.89	6198	4 0 .		
51	18.2	207	3.59	9528	M 0 7 2 0 1 8 . M - 1 . 1 6 A	55.5	90L
45	20.54	234	3.19	9839	2 0 .		
40	23.23	265	2.82	10014	2 2 .		
37	25.16	287	2.5	10384	2 5 .		
33	27.58	314	2.38	10382	2 8 .		
29	32.12	368	2.05	10118	3 2 .		
26	35.17	401	1.87	10425	3 6 .		
23	39.24	448	1.66	10117	4 0 .		
21	42.88	490	1.52	9656	4 5 .		
18	48.56	554	1.18	9844	5 0 .		
17	53.96	615	0.92	9177	5 5 .		
16	59.34	677	1.11	10059	6 3 .		
14	65.93	752	0.92	9752	7 1 .		
28	35.49	405	1.86	10707	M 0 7 3 0 3 6 . M - 1 . 1 6 A	85.5	90L
22	41.28	471	1.5	10465	4 0 .		
20	45.3	517	1.46	10233	4 5 .		
17	52.69	601	1.25	9222	5 0 .		
16	58.34	666	1.13	8068	5 6 .		
15	62.29	711	1.06	7551	6 3 .		
12	74.47	850	0.89	8328	7 1 .		
12	79.51	907	0.84	7845	8 0 .		
32	28.64	326	3.63	23508	M 0 8 2 0 2 8 . _ M _ - _ _ 1 . 1 6 A	88.5	90L
28	32.35	369	3.93	23500	3 2 .		
28	35.54	405	3.58	23877	3 6 .		
23	40.82	466	2.94	23822	4 0 .		
21	44.84	511	2.67	24075	4 5 .		
18	47.56	543	2.67	23789	5 0 .		
17	54.76	625	2.33	23295	5 6 .		
15	60	685	2	23908	6 3 .		
13	69.09	788	1.74	23279	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.1 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
15	59.07	674	2.16	23965	M 0 8 3 0 5 6 . _ M _ - _ _ 1 . 1 6 A _	93.5	90L
14	66.88	761	1.92	23900	8 3 .		
13	73.3	836	1.75	23900	7 1 .		
11	82.74	944	1.58	23500	8 0 .		
10	94.26	1076	1.96	22133	9 0 .		
8.9	103.54	1182	1.24	21300	1 0 0		
7.9	116.97	1335	1,11	23369	1 1 2		
7.2	128.49	1466	1	22321	1 2 5		
6.2	147.57	1684	0.83	21005	1 4 0		
14	66.49	759	3.62	29566	M 0 9 3 0 8 3 . M - _ 1 . 1 6 A _	144.5	90L
12	74.26	847	3.51	29566	7 1 .		
11	82.51	942	3.16	29466	8 0 .		
10	93.92	1072	2.57	29400	9 0 .		
8.9	103.68	1183	2.33	29368	1 0 0		
7.9	116.55	1330	2.24	29266	1 1 2		
7.2	128.66	1469	2.03	29233	1 2 5		
6.3	145.2	1657	1.56	29165	1 4 0		
5.7	160.29	1830	1,41	29033	1 6 0		
5.2	177	2020	1.48	28265	1 8 0		
4.6	199.03	2272	1.32	26933	2 0 0		
4.2	220.51	2517	1.04	28669	2 2 5		
3.7	247.96	2831	0.92	28447	2 5 0		
3.5	261.57	2986	1.01	24951	M 0 9 4 0 2 5 0 _ M _ - _ _ 1 . 1 6 A _	156.5	90L
10	95.44	1089	3.82	48455	M 1 0 3 0 9 0 . _ M _ - _ _ 1 . 1 6 A _	199.5	90L
8.4	109.97	1255	3.14	48690	1 0 0		
8.2	112.77	1287	9.58	49411	1 1 2		
7.1	129.94	1483	3.11	48977	1 2 5		
6.6	135.66	1551	2.81	49052	1 4 0		
5.9	156.57	1787	2.45	48676	1 6 0		
5.2	175.74	2006	2.31	48285	1 8 0		
4.9	186.81	2155	2.15	47579	2 0 0		
4.3	211.75	2417	1.83	47804	2 2 5		
4	227.5	2597	1.72	47491	2 5 0		
3.8	242.33	2766	1.69	41560	M 1 0 4 0 2 5 0 _ M _ - _ _ 1 . 1 6 A _	221.5	90L
2.7	336.97	3847	1.05	42776	3 0 0		
2.5	374.32	4273	0.95	42776	3 5 0		
2.1	430.13	4911	0.82	42776	4 0 0		
2.1	441.09	5036	0.94	41560	4 5 0		
3.1	294.09	3357	1.96	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 1 . 1 6 A _	332.5	90L
2.8	331.96	3790	1.74	64749	3 0 0		
2.5	368.42	4206	1.61	64832	3 5 0		
2.2	416.86	4748	1.43	64832	4 0 0		
2	463.19	5288	1.26	64749	4 5 0		
1.8	522.83	5969	1.11	64749	5 0 0		
1.6	568.08	6714	1.02	64832	5 6 0		
1.4	654.98	7478	0.92	64832	6 5 0		
1.6	563.81	6437	1.78	60613	M 1 4 4 0 5 0 0 _ M _ - _ _ 1 . 1 6 A _	447.5	90L
1.4	636.42	7266	1.58	60613	5 8 0		
1.3	699.65	7988	1.44	60613	6 5 0		
1.2	789.76	9017	1.27	60613	7 8 0		
1	899.7	10272	1.12	60613	8 6 0		
0.94	974.77	11129	1.04	60613	1 0 C		
0.82	1116.47	12747	0.9	60613	1 1 C		
0.76	1209.63	13811	0.84	60613	1 2 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
965	1.44	14	2.29	1430	M 0 3 2 0 1 . 4 _ M _ - _ _ 1 . 5 4 A _	24	90L
715	1.95	20	1.69	1510	1 . 8		
628	2.21	22	1.59	1530	2 . 2		
555	2.51	25	1.67	1540	2 . 5		
472	2.95	30	2.22	1590	2 . 8		
434	3.21	33	1.28	1570	3 . 2		
402	3.45	35	1.23	1580	3 . 6		
349	3.98	41	1.89	1640	4 . 0		
307	4.53	46	1.56	1660	4 . 5		
274	5.07	52	1.5	1680	5 . 0		
241	5.76	59	1.32	1690	5 . 6		
212	6.56	67	1.14	1710	6 . 3		
197	7.07	72	1.06	1710	7 . 1		
167	8.35	86	0.91	1710	8 . 0		
154	9	92	0.84	1720	9 . 0		
956	1.45	14	3.82	2150	M 0 4 2 0 1 . 4 _ M _ - _ _ 1 . 5 4 A _	27	90L
882	2.04	21	3.86	2388	1 . 8		
818	2.25	23	3.58	2410	2 . 2		
545	2.55	26	3.34	2441	2 . 5		
494	2.82	29	3.5	2491	2 . 8		
429	3.24	33	2.77	2504	3 . 2		
377	3.68	37	2.55	2540	3 . 6		
352	3.95	40	2.92	2588	4 . 0		
319	4.35	44	2.77	2627	4 . 5		
278	5.03	51	2.51	2688	5 . 0		
251	5.55	57	2.36	2722	5 . 6		
221	6.28	64	2.19	2768	6 . 3		
195	7.13	73	1.96	2806	7 . 1		
174	8	82	1.87	2845	8 . 0		
153	9.09	93	1.66	2884	9 . 0		
143	9.7	100	1.55	2891	1 0 .		
126	11.03	113	1.41	2940	1 1 .		
112	12.37	127	1.32	3025	1 2 .		
98	14.05	144	1.2	3099	1 4 .		
88	15.87	163	0.99	3160	1 6 .		
81	17.25	177	0.87	3200	1 8 .		
69	20.23	208	0.89	3290	2 0 .		
141	9.83	101	2.49	5443	M 0 6 2 0 1 0 . _ M _ - _ _ 1 . 5 4 A _	36	90L
122	11.44	117	2.24	5587	1 1 .		
111	12.54	129	2.49	5684	1 2 .		
95	14.58	150	2.24	5885	1 4 .		
86	16.16	166	1.72	6030	1 6 .		
81	17.25	177	1.83	6191	1 8 .		
67	20.61	212	1.72	6450	2 0 .		
63	22	226	1.63	6557	2 2 .		
55	25.25	260	1.19	6747	2 5 .		
50	27.85	264	1.1	6881	2 8 .		
43	32.19	331	1.19	7181	3 2 .		
39	35.25	363	1.1	7330	3 6 .		
36	39.75	399	0.91	7420	4 0 .		
33	42.43	437	0.83	7290	4 5 .		
39	35.47	365	1.04	7300	M 0 6 3 0 3 6 . _ M _ - _ _ 1 . 5 4 A _	42	90L
34	40.3	415	0.93	7280	4 0 .		
31	45.23	466	0.88	7160	4 5 .		
76	18.2	187	3.98	8368	M 0 7 2 0 1 8 . _ M _ - _ _ 1 . 5 4 A _	53	90L
68	20.54	211	3.53	8883	2 0 .		
60	23.23	239	3.13	9003	2 2 .		
55	25.16	259	2.89	9175	2 5 .		
50	27.56	283	2.64	9411	2 8 .		
43	32.12	330	2.27	9824	3 2 .		
40	35.17	362	2.07	10071	3 6 .		
35	39.24	404	1.81	10409	4 0 .		
32	42.98	442	1.49	10651	4 5 .		
28	48.56	500	1.13	10498	5 0 .		
26	53.96	556	1.02	10326	5 6 .		
23	59.34	611	1.13	10200	6 3 .		
21	65.93	679	1.02	10000	7 1		
39	35.49	365	2.06	10095	M 0 7 3 0 3 6 . _ M _ - _ _ 1 . 6 4 A _	63	90L
34	41.28	425	1.78	10472	4 0 .		
31	45.3	466	1.62	10604	4 5 .		
26	52.69	542	1.39	10382	5 0 .		
24	58.34	601	1.26	10132	5 6 .		
22	62.29	641	1.18	9952	6 3 .		
19	74.47	767	0.99	9780	7 1 .		
17	79.51	819	0.93	9810	8 0 .		
15	91.15	939	0.81	9090	9 0 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.5 kW

4 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
39	35.54	356	3.96	23985	M 0 8 2 0 3 5 . _ M _ - _ _ 1 5 4 A _	85	90L
34	40.82	420	3.26	24054	4 0 .		
31	44.84	462	2.97	24179	4 5 .		
29	47.58	490	2.97	24107	5 0 .		
25	54.78	564	2.59	24052	5 8 .		
23	60	618	2.22	24028	6 3 .		
20	69.09	711	1.84	23969	7 1 .		
24	59.07	608	2.4	24024	M 0 8 3 0 5 8 . _ M _ - _ _ 1 5 4 A _	91	90L
21	68.68	687	2.13	23969	8 3 .		
19	73.3	755	1.85	23951	7 1 .		
17	82.74	852	1.73	23912	8 0 .		
15	94.26	971	1.51	23739	9 0 .		
13	103.54	1066	1.37	23681	1 0 0		
12	115.97	1205	1.22	23600	1 1 2		
11	128.49	1324	1.11	23800	1 2 5		
9.4	147.57	1520	0.92	23500	1 4 0		
8.6	162.1	1670	0.84	23400	1 8 0		
19	74.26	765	3.9	29552	M 0 9 3 0 7 1 . _ M _ - _ _ 1 . 5 4 A _	142	90L
17	82.51	850	3.51	29524	8 0 .		
15	93.92	967	2.85	29469	9 0 .		
13	103.68	1068	2.58	29414	1 0 0		
12	116.55	1201	2.49	29414	1 1 2		
11	128.65	1325	2.25	29312	1 2 5		
10	145.2	1496	1.73	29195	1 4 0		
8.7	160.29	1651	1.57	29124	1 6 0		
7.9	177	1823	1.64	29024	1 8 0		
7	199.03	2050	1.46	28968	2 0 0		
6.3	220.51	2272	1.14	28800	2 2 5		
5.6	247.98	2555	1.02	28700	2 5 0		
5.3	261.57	2695	1.12	24951	M 0 9 4 0 2 5 0 _ M _ - _ _ 1 . 5 4 A _	154	90L
4.2	328.69	3387	0.83	25710	3 0 0		
13	109.97	1133	3.49	49578	M 1 0 3 0 1 0 0 _ M _ - _ _ 1 . 5 4 A _	197	90L
12	112.77	1162	3.98	49585	1 1 2		
11	129.94	1339	3.45	49314	1 2 5		
10	135.68	1400	3.13	49278	1 4 0		
8.9	158.57	1613	2.72	48885	1 6 0		
7.9	175.74	1810	2.56	48837	1 8 0		
7.4	188.81	1946	2.38	48427	2 0 0		
6.6	211.75	2182	2.01	48164	2 2 5		
6.1	227.5	2344	1.87	47889	2 5 0		
5.7	242.33	2497	1.66	41580	M 1 0 4 0 2 5 0 _ M _ - _ _ 1 . 5 4 A _	219	90L
4.1	336.97	3472	1.16	42776	3 0 0		
3.7	374.32	3857	1.05	42776	3 5 0		
3.2	430.13	4432	0.92	42776	4 0 0		
3.2	441.09	4545	1.04	41580	4 5 0		
4.7	284.09	3030	2.18	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 1 . 5 4 A _	330	90L
4.2	331.98	3420	1.93	64748	3 0 0		
3.8	368.42	3796	1.79	64832	3 5 0		
3.3	415.88	4285	1.59	64832	4 0 0		
3	463.19	4773	1.4	64749	4 5 0		
2.7	522.63	5387	1.24	64749	5 0 0		
2.4	588.06	6060	1.13	64832	5 8 0		
2.1	654.98	6749	1.02	64832	6 5 0		
1.7	812.79	8375	0.83	64832	7 8 0		
2.5	563.61	5810	1.97	80613	M 1 4 4 0 5 0 0 _ M _ - _ _ 1 . 5 4 A _	445	90L
2.2	636.42	6558	1.75	80613	5 8 0		
2	699.65	7209	1.8	80613	6 5 0		
1.8	789.78	8138	1.41	80613	7 8 0		
1.5	899.7	9271	1.24	80613	8 8 0		
1.4	974.77	10045	1.16	80613	1 0 C		
1.2	1116.47	11506	1	80613	1 1 C		
1.1	1209.63	12465	0.94	80613	1 2 C		
1	1328.73	13692	0.85	80613	1 3 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.5 kW

6 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
560	1.44	21	1.57	1530	M 0 3 2 0 1 . 4 _ M _ - _ _ 1 . 5 5 A _	31.2	100L
486	1.65	29	1.29	1560	1 . 6		
429	2.21	33	1.15	1580	2 . 2		
379	2.51	37	1.08	1600	2 . 5		
323	2.95	44	1.63	1660	2 . 8		
286	3.21	48	0.88	1630	3 . 2		
275	3.45	52	0.84	1630	3 . 6		
238	3.96	59	1.29	1700	4 . 0		
210	4.53	68	1.13	1710	4 . 5		
186	5.07	76	1.02	1710	5 . 0		
165	5.76	86	0.9	1710	5 . 6		
553	1.45	21	2.98	2407	M 0 4 2 0 1 . 4 _ M _ - _ _ 1 . 5 5 A _	34.2	100L
486	2.04	30	2.8	2490	1 . 6		
423	2.25	33	2.51	2507	2 . 2		
372	2.55	38	2.33	2559	2 . 5		
337	2.82	42	2.74	2619	2 . 8		
283	3.24	48	1.89	2645	3 . 2		
256	3.68	55	1.74	2685	3 . 6		
241	3.95	59	2.26	2747	4 . 0		
218	4.35	65	2.1	2779	4 . 5		
188	5.03	75	1.83	2832	5 . 0		
171	5.55	83	1.79	2857	5 . 6		
151	6.28	94	1.6	2884	6 . 3		
133	7.13	107	1.45	2924	7 . 1		
119	8	120	1.36	3007	8 . 0		
105	9.09	137	1.23	3065	9 . 0		
96	9.7	145	1.15	3112	1 0 .		
86	11.03	166	1.06	3178	1 1 .		
77	12.37	186	0.98	3250	1 2 .		
68	14.05	211	0.88	2950	1 4 .		
258	3.68	55	3.83	4910	M 0 6 2 0 3 . 6 _ M _ - _ _ 1 . 5 5 A _	47.2	100L
186	5.04	75	3.8	5230	5 . 0		
168	5.55	85	3.56	5330	5 . 6		
150	6.32	95	3.15	5420	6 . 3		
133	7.16	107	2.86	5520	7 . 1		
116	8.05	121	2.72	5640	8 . 0		
104	9.13	137	2.46	5790	9 . 0		
97	9.83	148	1.95	5622	1 0 .		
83	11.44	172	1.75	5634	1 1 .		
78	12.54	189	1.95	5754	1 2 .		
65	14.58	219	1.74	5353	1 4 .		
58	16.16	243	1.35	6141	1 8 .		
55	17.25	260	1.38	6064	1 9 .		
46	20.61	310	1.3	6746	2 0 .		
43	22	331	1.22	6519	2 2 .		
36	25.25	380	0.93	6785	2 5 .		
34	27.65	416	0.88	6195	2 8 .		
30	32.19	485	0.84	5422	3 2 .		
76	12.48	188	3.96	8435	M 0 7 2 0 1 2 . M - _ 1 . 5 5 A _	65.2	100L
66	14.34	216	3.45	8515	1 4 .		
59	16.09	242	3.07	8601	1 6 .		
52	18.2	274	2.72	8270	1 8 .		
46	20.54	309	2.41	9532	2 0 .		
41	23.23	350	2.14	9529	2 2 .		
38	25.16	379	1.87	9991	2 5 .		
34	27.56	415	1.8	9793	2 8 .		
30	32.12	484	1.55	9381	3 2 .		
27	35.17	530	1.42	9837	3 6 .		
24	39.24	591	1.25	9360	4 0 .		
22	42.98	648	1.15	8701	4 5 .		
20	48.56	732	0.89	8991	5 0 .		
16	59.34	894	0.84	9380	6 3 .		
27	35.49	535	1.41	10275	M 0 7 3 0 3 6 . _ M _ - _ _ 1 . 5 5 A _	76.2	100L
23	41.28	622	1.21	9929	4 0 .		
21	45.3	683	1.11	9595	4 5 .		
18	52.69	794	0.95	8188	5 0 .		
16	58.34	879	0.86	8561	5 6 .		
15	62.29	939	0.8	5790	6 3 .		
52	18.44	278	3.98	22935	M 0 8 2 0 1 8 . _ M _ - _ _ 1 . 5 5 A _	92.2	100L
42	22.89	345	3.98	23443	2 2 .		
36	26.07	393	3.17	23158	2 5 .		
33	28.64	431	2.75	22933	2 8 .		
29	32.35	487	2.96	22919	3 2 .		
27	35.54	535	2.71	23570	3 5 .		
23	40.82	615	2.22	23129	4 0 .		
21	44.84	676	2.03	23914	4 5 .		
20	47.56	717	2.03	23418	5 0 .		
17	54.76	825	1.77	22565	5 6 .		
16	60	904	1.52	23695	6 3 .		
14	69.09	1041	1.32	22810	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

1.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
16	59.07	890	1.84	23795	M 0 8 3 0 5 6 . _ M _ - _ _ 1 . 5 B A _	97.2	100L
14	66.66	1005	1.45	23681	8 3 .		
13	73.3	1105	1.33	23681	7 1 .		
11	82.74	1247	1.18	22980	8 0 .		
10	94.26	1421	1.03	20703	9 0 .		
9.2	103.54	1561	0.94	18338	1 0 0		
8.1	116.97	1763	0.84	22900	1 1 2		
21	44.44	670	3.81	29800	M 0 9 2 0 4 5 . _ M _ - _ _ 1 . 5 B A _	138.2	100L
19	49.07	739	3.89	29800	5 0 .		
17	55.18	831	2.42	29800	5 6 .		
16	61.13	921	2.76	29500	6 3 .		
14	68.74	1036	2.42	29400	7 1 .		
16	59.65	902	3.05	29454	M 0 9 3 0 5 6 . _ M _ - _ _ 1 . 5 B A _	148.2	100L
14	66.49	1002	2.74	29396	8 3 .		
13	74.26	1119	2.66	29396	7 1 .		
12	82.51	1244	2.39	29295	8 0 .		
10	93.92	1416	1.95	29161	9 0 .		
9.2	103.68	1563	1.76	29124	1 0 0		
8.2	116.55	1757	1.7	29024	1 1 2		
7.4	128.66	1939	1.54	28966	1 2 5		
6.5	145.2	2189	1.18	28851	1 4 0		
5.9	160.29	2416	1.07	28693	1 6 0		
5.4	177	2668	1.12	27369	1 8 0		
4.8	198.03	3000	1	25139	2 0 0		
14	66.93	1009	3.9	49761	M 1 0 3 0 8 3 . _ M _ - _ _ 1 . 5 B A _	203.2	100L
12	79.08	1192	3.87	49510	8 0 .		
10	95.44	1439	2.74	48585	9 0 .		
8.6	109.97	1658	2.39	47447	1 0 0		
8.4	112.77	1700	2.71	48681	1 1 2		
7.3	128.84	1958	2.36	48068	1 2 5		
7	135.88	2048	2.13	48217	1 4 0		
6.1	156.57	2360	1.85	47714	1 6 0		
5.4	175.74	2649	1.75	47184	1 8 0		
5	188.61	2846	1.53	46037	2 0 0		
4.5	211.75	3192	1.39	46497	2 2 5		
4.2	227.5	3430	1.3	46104	2 5 0		
3.9	242.33	3653	1.28	41580	M 1 0 4 0 2 5 0 _ M _ - _ _ 1 . 5 B A _	231.2	100L
8.4	113.69	1714	3.91	66900	M 1 3 3 0 1 1 2 _ M _ - _ _ 1 . 5 6 A _	292.2	100L
7.5	126.62	1909	3.51	66800	1 2 5		
6.8	139.07	2096	3.26	66700	1 4 0		
6.1	154.89	2335	2.93	66700	1 6 0		
5.5	173.37	2614	2.56	66600	1 8 0		
5.2	184.46	2781	2.4	66500	2 0 0		
4.5	212.09	3197	2.13	66400	2 2 5		
4.2	225.65	3402	2.01	66400	2 5 0		
3.2	294.09	4434	1.49	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 1 . 5 6 A _	336.2	100L
2.9	331.96	5005	1.32	64749	3 0 0		
2.6	368.42	5554	1.22	64832	3 5 0		
2.3	415.86	6270	1.08	64832	4 0 0		
2.1	463.19	6983	0.95	64749	4 5 0		
1.8	522.63	7883	0.84	64749	5 0 0		
4.6	208.15	3138	3.7	80900	M 1 4 3 0 2 0 0 _ M _ - _ _ 1 . 5 B A _	415.2	100L
4.5	211.96	3195	3.34	80900	2 2 5		
4	237.77	3585	2.99	80900	2 5 0		
3.4	282.11	4253	2.69	80613	M 1 4 4 0 2 5 0 _ M _ - _ _ 1 . 5 B A _	451.2	100L
3	316.73	4775	2.4	80613	3 0 0		
2.7	352.68	5317	2.15	80613	3 5 0		
2.2	437.66	6598	1.74	80613	4 0 0		
1.9	509.44	7681	1.49	80613	4 5 0		
1.7	563.81	8501	1.35	80613	5 0 0		
1.5	636.42	9595	1.19	80613	5 6 0		
1.4	699.65	10549	1.09	80613	6 3 0		
1.2	788.76	11907	0.96	80613	7 1 0		
1.1	899.7	13565	0.85	80613	8 0 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

2.2 kW

4 POLE

N2 R/MIN	I	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
970	1.45	21	2.84	2113	M 0 4 2 0 1 . 4 M - 2 . 2 4 A	34	100L
691	2.04	30	2.63	2335	1 . 8		
627	2.25	33	2.48	2351	2 . 2		
553	2.55	38	2.31	2375	2 . 5		
501	2.82	41	2.42	2428	2 . 8		
435	3.24	48	1.82	2419	3 . 2		
383	3.68	54	1.75	2445	3 . 6		
357	3.95	58	2.02	2499	4 . 0		
324	4.35	64	1.81	2530	4 . 5		
280	5.03	74	1.73	2576	5 . 0		
254	5.55	82	1.64	2598	5 . 6		
225	6.28	93	1.62	2623	6 . 3		
198	7.13	106	1.37	2648	7 . 1		
176	8	119	1.29	2665	8 . 0		
155	9.09	135	1.18	2681	9 . 0		
145	9.7	144	1.07	2671	1 0 .		
128	11.03	164	0.98	2690	1 1 .		
114	12.37	184	0.91	2750	1 2 .		
100	14.05	209	0.83	2790	1 4 .		
434	3.25	48	3.89	4460	M 0 5 2 0 3 . 2 _ M _ - _ _ 2 . 2 4 A _	47	100L
383	3.68	54	3.65	4530	3 . 6		
357	3.95	58	3.87	4600	4 . 0		
318	4.43	66	3.53	4870	4 . 5		
280	5.04	75	3.36	4780	5 . 0		
250	5.65	84	3.15	4870	5 . 6		
223	6.32	94	2.97	4950	6 . 3		
197	7.16	106	2.72	5040	7 . 1		
175	8.05	119	2.56	5140	8 . 0		
154	9.13	136	2.34	5240	9 . 0		
143	9.83	148	1.72	5268	1 0 .		
123	11.44	170	1.55	5363	1 1 .		
112	12.54	186	1.72	5448	1 2 .		
97	14.58	217	1.55	5634	1 4 .		
87	16.16	240	1.19	5742	1 6 .		
82	17.25	257	1.13	5823	1 8 .		
66	20.61	307	1.19	6095	2 0 .		
64	22	327	1.13	6180	2 2		
58	25.25	376	0.82	5300	2 5 .		
44	32.19	479	0.82	6830	3 2 .		
113	12.48	185	3.89	7481	M 0 7 2 0 1 2 . _ M _ - _ _ 2 . 2 4 A _	65	100L
96	14.34	213	3.48	7641	1 4 .		
86	16.09	239	3.07	7848	1 6 .		
77	18.2	271	2.75	8110	1 8 .		
69	20.54	306	2.44	8415	2 0 .		
61	23.23	346	2.18	8690	2 2 .		
56	25.16	374	2	8818	2 5 .		
51	27.56	410	1.83	9021	2 8 .		
44	32.12	478	1.57	9400	3 2 .		
40	35.17	524	1.43	9608	3 5 .		
36	39.24	584	1.11	9901	4 0 .		
33	42.98	640	1.03	10100	4 5 .		
40	35.49	528	1.43	9598	M 0 7 3 0 3 6 . _ M _ - _ _ 2 2 4 A _	76	100L
34	41.28	615	1.23	9897	4 0 .		
31	45.3	675	1.12	9991	4 5 .		
27	52.69	785	0.96	9670	5 0 .		
24	58.34	869	0.87	9310	5 6 .		
23	62.29	928	0.81	9030	6 3 .		
54	26.07	388	3.17	22348	M 0 8 2 0 2 5 . M - 2 . 2 4 A	92	100L
49	28.64	426	2.78	22785	2 8 .		
44	32.35	482	3.01	22833	3 2 .		
40	35.54	529	2.74	23700	3 6 .		
35	40.82	608	2.25	23800	4 0 .		
31	44.84	668	2.06	24017	4 5 .		
30	47.56	708	2.05	23965	5 0 .		
26	54.76	815	1.79	23868	5 6 .		
24	60	893	1.53	23828	6 3 .		
20	69.09	1029	1.34	23761	7 1 .		
24	59.07	880	1.66	23821	M 0 8 3 0 5 5 . _ M _ - _ _ 2 . 2 4 A _	97	100L
21	66.68	993	1.47	23781	6 3 .		
19	73.3	1092	1.35	23693	7 1 .		
17	82.74	1232	1.19	23626	8 0 .		
15	94.26	1404	1.04	23400	9 0 .		
14	103.54	1542	0.95	23300	1 0 0		
32	44.44	662	3.85	29600	M 0 9 2 0 4 5 . _ M _ - _ _ 2 . 2 4 A _	138	100L
29	49.07	731	3.43	29600	5 0 .		
26	55.18	822	2.52	29600	5 6 .		
23	61.13	910	2.81	29500	6 3 .		
21	68.74	1024	2.5	29500	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

2.2 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
24	59.65	891	3.02	29517	M 0 9 3 0 5 6 . _ M _ • _ _ 2 . 2 4 A _	148	100L
21	68.49	990	2.78	29417	8 3 .		
19	74.26	1106	2.7	29369	7 1 .		
17	82.51	1229	2.43	29321	8 0 .		
15	93.92	1399	1.97	29226	9 0 .		
14	103.68	1544	1.79	29130	1 0 0		
12	116.55	1736	1.72	29130	1 1 2		
11	128.66	1917	1.56	29026	1 2 5		
10	145.2	2163	1.2	28824	1 4 0		
8.8	160.29	2388	1.09	28700	1 8 0		
8	177	2637	1.14	28800	1 8 0		
7.1	199.03	2965	1.01	28500	2 0 0		
21	66.93	997	3.96	49631	M 1 0 3 0 8 3 . _ M _ • _ _ 2 . 2 4 A _	203	100L
18	79.08	1178	3.92	49470	8 0 .		
15	95.44	1422	2.77	49114	9 0 .		
13	109.97	1638	2.41	48753	1 0 0		
13	112.77	1680	2.75	48766	1 1 2		
11	129.94	1936	2.39	48366	1 2 5		
10	135.68	2024	2.16	48304	1 4 0		
9	156.57	2332	1.88	47869	1 6 0		
8	175.74	2618	1.77	47339	1 8 0		
7.5	188.81	2813	1.65	47047	2 0 0		
6.7	211.75	3154	1.39	46830	2 2 5		
6.2	227.5	3389	1.3	46261	2 5 0		
5.8	242.33	3610	1.3	41560	M 1 0 4 0 2 5 0 _ M _ • _ _ 2 . 2 4 A _	231	100L
4.2	336.97	5020	0.8	42776	3 0 0		
12	113.69	1693	3.96	68900	M 1 3 3 0 1 1 2 _ M _ • _ _ 2 . 2 4 A _	292	100L
11	126.62	1886	3.55	68800	1 2 5		
10	139.07	2072	3.3	68700	1 4 0		
9.1	154.89	2307	2.97	68700	1 6 0		
8.1	173.37	2583	2.59	68600	1 8 0		
7.6	184.45	2748	2.43	68600	2 0 0		
6.6	212.09	3160	2.16	68400	2 2 5		
6.2	225.65	3362	2.03	68400	2 5 0		
4.8	294.09	4381	1.51	64749	M 1 3 4 0 2 5 0 M • _ 2 . 2 4 A	338	100L
4.2	331.96	4946	1.33	64749	3 0 0		
3.8	368.42	5489	1.24	64632	3 5 0		
3.4	415.86	6196	1.1	64632	4 0 0		
3	483.19	8901	0.97	64749	4 5 0		
2.7	522.83	7790	0.86	64749	5 0 0		
6.8	208.15	3101	3.75	80900	M 1 4 3 0 2 0 0 _ M _ • _ _ 2 . 2 4 A _	415	100L
6.7	211.96	3158	3.39	80900	2 2 5		
5.9	237.77	3542	3.02	80900	2 5 0		
5	282.11	4203	2.74	80613	M 1 4 4 0 2 5 0 _ M _ • _ _ 2 . 2 4 A _	451	100L
4.5	316.73	4719	2.44	80613	3 0 0		
4	352.68	5254	2.18	80613	3 5 0		
3.2	437.86	6520	1.76	80613	4 0 0		
2.8	509.44	7590	1.51	80613	4 5 0		
2.5	563.81	8400	1.36	80613	5 0 0		
2.2	636.42	9482	1.21	80613	5 6 0		
2	699.65	10424	1.1	80613	6 5 0		
1.8	789.76	11767	0.98	80613	7 8 0		
1.6	899.7	13405	0.86	80613	8 8 0		
1.4	974.77	14523	0.8	80613	1 0 C		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

2.2 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
650	1.45	32	2.02	2350	M 0 4 2 0 1 . 4 _ M _ - _ _ 2 . 2 6 A _	41.8	112M
463	2.04	45	1.9	2410	1 . 8		
420	2.25	49	1.77	2420	2 . 2		
370	2.55	56	1.58	2460	2 . 5		
336	2.82	62	1.86	2520	2 . 8		
292	3.24	72	1.28	2520	3 . 2		
257	3.68	81	1.18	2540	3 . 6		
239	3.95	87	1.53	2610	4 . 0		
217	4.35	96	1.42	2630	4 . 5		
188	5.03	111	1.31	2660	5 . 0		
170	5.55	123	1.22	2670	5 . 6		
151	6.28	139	1.08	2670	6 . 3		
133	7.13	158	0.98	2680	7 . 1		
118	8	177	0.92	2740	8 . 0		
104	9.09	202	0.84	2780	9 . 0		
654	1.45	32	3.62	4152	M 0 6 2 0 1 . 4 _ M _ - _ _ 2 . 2 6 A _	54.8	112M
465	2.03	45	3.44	4435	1 . 8		
415	2.28	50	3.34	4496	2 . 2		
370	2.56	56	3.02	4547	2 . 5		
336	2.81	62	3.54	4634	2 . 8		
291	3.25	72	2.8	4696	3 . 2		
257	3.68	81	2.6	4791	3 . 6		
239	3.95	87	2.97	4903	4 . 0		
213	4.43	98	2.79	4989	4 . 5		
188	5.04	112	2.58	5098	5 . 0		
167	5.65	125	2.42	5183	5 . 6		
150	6.32	140	2.14	5248	6 . 3		
132	7.16	159	1.94	5327	7 . 1		
117	8.05	179	1.84	5430	8 . 0		
104	9.13	202	1.67	5494	9 . 0		
96	9.83	218	1.32	5223	1 0 .		
83	11.44	254	1.19	5073	1 1 .		
75	12.54	278	1.32	5148	1 2 .		
65	14.58	324	1.18	5874	1 4 .		
58	16.16	359	0.91	5427	1 6 .		
55	17.25	383	0.87	5260	1 8 .		
46	20.61	458	0.88	6025	2 0 .		
43	22	489	0.83	5591	2 2 .		
650	1.45	32	3.87	5432	M 0 7 2 0 1 . 4 _ M _ - _ _ 2 . 2 6 A _	72.8	112M
470	2.01	44	3.87	5948	1 . 8		
418	2.26	50	3.87	6041	2 . 2		
380	2.49	55	3.87	6115	2 . 5		
328	2.88	64	3.87	6267	2 . 8		
291	3.25	72	3.87	6316	3 . 2		
256	3.69	82	3.87	6464	3 . 6		
237	3.99	88	3.87	6603	4 . 0		
211	4.48	99	3.87	6743	4 . 5		
186	5.09	113	3.87	6914	5 . 0		
165	5.72	127	3.87	7052	5 . 6		
147	6.44	143	3.87	7170	6 . 3		
129	7.32	162	3.87	7275	7 . 1		
115	8.22	182	3.87	7406	8 . 0		
101	9.34	207	3.49	7476	9 . 0		
97	9.78	217	3.19	7163	1 0 .		
84	11.24	249	2.94	7223	1 1 .		
76	12.48	277	2.69	8153	1 2 .		
66	14.34	318	2.34	8191	1 4 .		
59	16.09	357	2.09	7958	1 6 .		
52	18.2	404	1.84	8819	1 8 .		
46	20.54	456	1.64	8994	2 0 .		
41	23.23	516	1.45	8681	2 2 .		
38	25.16	559	1.34	9305	2 5 .		
34	27.56	612	1.22	8798	2 8 .		
29	32.12	714	1.05	8036	3 2 .		
27	35.17	781	0.96	8807	3 6 .		
24	39.24	872	0.85	8034	4 0 .		
58	16.34	363	3.11	21452	M 0 8 2 0 1 6 . _ M _ - _ _ 2 . 2 6 A _	99.8	112M
51	18.44	409	2.7	22005	1 8 .		
47	20.27	450	3.11	22189	2 0 .		
41	22.89	508	2.7	22738	2 2 .		
36	26.07	579	2.15	22239	2 5 .		
33	28.64	636	1.87	21925	2 8 .		
29	32.35	719	2.02	21902	3 2 .		
27	35.54	790	1.84	23033	3 6 .		
23	40.82	907	1.51	22266	4 0 .		
21	44.84	996	1.37	23630	4 5 .		
20	47.56	1057	1.37	22769	5 0 .		
17	54.76	1217	1.2	21286	5 6 .		
16	60	1333	1.03	23324	6 3 .		
14	69.09	1535	0.89	21438	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

2.2 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
16	59.07	1313	1.11	23500	M 0 8 3 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	104.8	112M
14	66.68	1482	0.98	23300	6 3 .		
13	73.3	1629	0.9	23300	7 1 .		
11	82.74	1839	0.8	22100	8 0 .		
29	32.31	718	3.82	29361	M 0 9 2 0 3 2 . _ M _ - _ _ 2 . 2 6 A _	145.8	112M
26	35.67	792	3.49	29272	3 6 .		
23	40.25	894	2.85	29110	4 0 .		
21	44.44	987	2.58	29436	4 5 .		
19	49.07	1090	2.64	29320	5 0 .		
17	55.18	1226	1.64	28888	5 6 .		
15	61.13	1359	1.88	28450	6 3 .		
14	68.74	1528	1.64	28997	7 1 .		
16	59.85	1330	2.07	29200	M 0 9 3 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	155.8	112M
14	66.49	1478	1.86	29100	6 3 .		
13	74.26	1650	1.8	29100	7 1 .		
11	82.51	1834	1.62	29000	8 0 .		
10	93.92	2087	1.32	28800	9 0 .		
9.1	103.68	2304	1.19	28700	1 0 0		
8.1	116.55	2590	1.15	28600	1 1 2		
7.3	128.66	2860	1.04	28500	1 2 5		
6.5	145.2	3227	0.8	28300	1 4 0		
18	51.49	1144	3.51	49500	M 1 0 2 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	191.8	112M
16	57.75	1283	3.36	49400	6 3 .		
15	62.05	1379	3.14	49200	7 1 .		
16	60.23	1338	2.94	49185	M 1 0 3 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	210.8	112M
14	66.93	1487	2.64	48995	6 3 .		
13	71.17	1582	2.91	48924	7 1 .		
12	79.08	1758	2.62	48634	8 0 .		
10	95.44	2121	1.86	47366	9 0 .		
8.6	109.97	2444	1.61	45271	1 0 0		
8.4	112.77	2507	1.84	47433	1 1 2		
7.3	129.94	2888	1.6	46533	1 2 5		
7	135.88	3020	1.45	46756	1 4 0		
6	156.57	3480	1.26	46030	1 6 0		
5.4	175.74	3906	1.19	45256	1 8 0		
5	188.81	4197	1.11	43339	2 0 0		
4.5	211.75	4707	0.94	44212	2 2 5		
4.2	227.5	5057	0.88	43675	2 5 0		
3.9	242.33	5387	0.87	41580	M 1 0 4 0 2 5 0 _ M _ - _ _ 2 . 2 6 A _	238.8	112M
12	80.39	1787	3.73	66830	M 1 3 3 0 8 0 . _ M _ - _ _ 2 . 2 6 A _	299.8	112M
10	90.75	2017	3.23	66808	9 0 .		
9.3	101.07	2246	2.9	66686	1 0 0		
8.3	113.69	2527	2.65	66655	1 1 2		
7.5	126.62	2814	2.38	66531	1 2 5		
6.8	139.07	3091	2.21	66420	1 4 0		
6.1	154.89	3443	1.99	66385	1 6 0		
5.5	173.37	3854	1.74	66232	1 8 0		
5.1	184.46	4100	1.63	66115	2 0 0		
4.5	212.09	4714	1.45	65980	2 2 5		
4.2	225.65	5016	1.36	65924	2 5 0		
3.2	294.09	6537	1.01	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 2 . 2 6 A _	343.8	112M
2.8	331.96	7379	0.89	64749	3 0 0		
2.6	368.42	8190	0.83	64632	3 5 0		
7	135.31	3008	3.85	80868	M 1 4 3 0 1 2 5 _ M _ - _ _ 2 . 2 6 A _	422.8	112M
6.6	142.66	3171	3.37	80877	1 4 0		
6.1	154.57	3436	3.11	80870	1 6 0		
5.1	185.56	4125	2.81	80855	1 8 0		
4.5	208.15	4627	2.51	80865	2 0 0		
4.5	211.96	4712	2.27	80865	2 2 5		
4	237.77	5285	2.03	80853	2 5 0		
3.3	282.11	6271	1.83	80613	M 1 4 4 0 2 5 0 _ M _ - _ _ 2 . 2 6 A _	458.8	112M
3	316.73	7041	1.63	80613	3 0 0		
2.7	352.68	7840	1.46	80613	3 5 0		
2.2	437.66	9729	1.18	80613	4 0 0		
1.9	509.44	11325	1.01	80613	4 5 0		
1.7	563.81	12534	0.91	80613	5 0 0		
1.5	636.42	14148	0.81	80613	5 6 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
977	1.45	29	1.95	2072	M 0 4 2 0 1 . 4 _ M _ - _ _ 3 . 0 4 A _	37.8	112M
696	2.04	41	1.87	2275	1 . 8		
632	2.25	45	1.83	2264	2 . 2		
556	2.55	51	1.71	2302	2 . 5		
504	2.82	56	1.79	2352	2 . 8		
436	3.24	65	1.42	2321	3 . 2		
386	3.68	74	1.3	2336	3 . 6		
360	3.95	79	1.49	2397	4 . 0		
326	4.35	87	1.41	2419	4 . 5		
282	5.03	101	1.28	2449	5 . 0		
256	5.55	111	1.21	2456	5 . 6		
226	6.28	126	1.12	2460	6 . 3		
199	7.13	143	1.01	2460	7 . 1		
178	8	161	0.95	2460	8 . 0		
156	9.09	183	0.86	2450	9 . 0		
982	1.45	29	3.49	3815	M 0 6 2 0 1 . 4 M - 3 . 0 4 A	50.8	112M
699	2.03	41	3.3	4010	1 . 8		
623	2.28	45	3.22	4154	2 . 2		
555	2.56	51	3.11	4278	2 . 5		
505	2.81	56	3.39	4362	2 . 8		
437	3.25	65	2.87	4381	3 . 2		
386	3.68	74	2.69	4439	3 . 6		
359	3.95	79	2.86	4520	4 . 0		
321	4.43	89	2.68	4579	4 . 5		
282	5.04	101	2.48	4661	5 . 0		
251	5.65	113	2.33	4759	5 . 6		
225	6.32	127	2.19	4820	6 . 3		
198	7.16	144	2.01	4893	7 . 1		
178	8.05	162	1.89	4961	8 . 0		
156	9.13	184	1.73	5018	9 . 0		
144	9.83	198	1.27	5067	1 0 .		
124	11.44	230	1.14	5129	1 1 .		
113	12.54	252	1.27	5201	1 2 .		
97	14.58	294	1.14	5348	1 4 .		
88	16.16	326	0.88	5412	1 6 .		
82	17.25	348	0.83	5470	1 8 .		
69	20.61	415	0.88	5890	2 0 .		
65	22	443	0.83	5750	2 2 .		
173	8.22	165	3.85	6820	M 0 7 2 0 8 . 0 M - 3 . 0 4 A	68.8	112M
152	9.34	188	3.56	6893	9 . 0		
145	9.78	197	3.33	7020	1 0 .		
126	11.24	226	3	6980	1 1 .		
114	12.48	251	2.87	7267	1 2 .		
99	14.34	289	2.57	7419	1 4 .		
88	16.09	324	2.27	7565	1 6 .		
78	18.2	367	2.03	7814	1 8 .		
69	20.54	414	1.81	8099	2 0 .		
61	23.23	468	1.6	8331	2 2 .		
56	25.16	507	1.48	8410	2 5 .		
52	27.56	555	1.35	8575	2 8 .		
44	32.12	647	1.18	8915	3 2 .		
40	35.17	709	1.06	9060	3 6 .		
36	39.24	791	0.82	9320	4 0 .		
40	35.49	716	1.05	9010	M 0 7 3 0 3 6 . _ M _ - _ _ 3 . 0 4 A _	79.8	112M
34	41.26	832	0.91	9240	4 0 .		
31	45.3	913	0.83	9290	4 5 .		
87	16.34	329	3.43	19069	M 0 8 2 0 1 6 . _ M _ - _ _ 3 . 0 4 A _	95.8	112M
77	18.44	372	2.98	18465	1 8 .		
70	20.27	409	3.43	19094	2 0 .		
62	22.88	461	2.98	21430	2 2 .		
54	26.07	525	2.34	21690	2 5 .		
50	28.54	577	2.06	22002	2 8 .		
44	32.35	652	2.22	22073	3 2 .		
40	35.54	716	2.02	23360	3 6 .		
35	40.82	823	1.86	23509	4 0 .		
32	44.84	904	1.52	23631	4 5 .		
30	47.56	959	1.51	23802	5 0 .		
26	54.76	1104	1.32	23660	5 6 .		
24	60	1210	1.13	23600	6 3 .		
21	69.09	1393	0.99	23500	7 1 .		
24	59.07	1191	1.23	23569	M 0 8 3 0 5 6 . _ M _ - _ _ 3 . 0 4 A _	100.8	112M
21	66.68	1345	1.09	23500	6 3 .		
19	73.3	1478	1	23400	7 1 .		
17	82.74	1669	0.88	23300	8 0 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
44	32.31	851	3.68	29427	M 0 9 2 0 3 2 . M - 3 . 0 4 A	141.8	112M
40	35.67	719	3.36	29461	3 6 .		
35	40.25	812	3.14	29481	4 0 .		
32	44.44	896	2.84	29479	4 5 .		
29	49.07	989	2.53	29464	5 0 .		
26	55.18	1113	1.86	29449	5 6 .		
23	61.13	1233	2.07	29318	6 3 .		
21	68.74	1386	1.85	29281	7 1 .		
24	59.85	1207	2.23	29331	M 0 9 3 0 5 6 . _ M _ - _ _ 3 . 0 4 A _	151.8	112M
21	66.49	1341	2.05	29231	6 9 .		
19	74.25	1498	1.99	29160	7 1 .		
17	82.51	1664	1.79	29089	8 0 .		
15	93.92	1894	1.46	28947	9 0 .		
14	103.68	2091	1.32	28805	1 0 0		
12	116.55	2351	1.27	28805	1 1 2		
11	128.66	2595	1.15	28700	1 2 5		
10	145.2	2929	0.88	28400	1 4 0		
28	51.49	1038	3.85	46863	M 1 0 2 0 5 6 . M - 3 . 0 4 A	187.8	112M
25	57.75	1165	3.72	46327	6 3 .		
23	62.05	1251	3.46	49390	7 1 .		
24	60.23	1215	3.24	48905	M 1 0 3 0 5 6 . _ M _ - _ _ 3 . 0 4 A _	206.8	112M
21	66.93	1350	2.92	49065	8 3 .		
20	71.17	1435	3.22	49037	7 1 .		
18	79.08	1595	2.9	48825	8 0 .		
15	95.44	1925	2.05	48297	9 0 .		
13	109.97	2218	1.78	47809	1 0 0		
13	112.77	2275	2.03	47829	1 1 2		
11	129.94	2621	1.76	47263	1 2 5		
10	135.88	2741	1.6	47191	1 4 0		
9.1	156.57	3158	1.39	46594	1 6 0		
8.1	175.74	3545	1.31	45855	1 8 0		
7.5	188.81	3809	1.22	45471	2 0 0		
6.7	211.75	4271	1.03	44900	2 2 5		
6.2	227.5	4589	0.96	44400	2 5 0		
5.9	242.33	4888	0.95	61560	M 1 0 4 0 2 5 0 _ M _ - _ _ 3 . 0 4 A _	234.8	112M
16	90.75	1830	3.56	66854	M 1 3 3 0 9 0 . _ M _ - _ _ 3 . 0 4 A _	295.8	112M
14	101.07	2039	3.2	66745	1 0 0		
12	113.69	2293	2.92	66718	1 1 2		
11	126.62	2554	2.62	66588	1 2 5		
10	139.07	2805	2.44	66468	1 4 0		
9.2	154.89	3124	2.19	66457	1 8 0		
8.2	173.37	3497	1.91	66309	1 8 0		
7.7	184.46	3721	1.8	66264	2 0 0		
6.7	212.09	4278	1.6	66068	2 2 5		
6.3	225.65	4552	1.5	66044	2 5 0		
4.8	294.09	5933	1.11	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 3 . 0 4 A _	399.8	112M
4.3	331.96	6697	0.99	64749	3 0 0		
3.9	368.42	7432	0.91	64832	3 5 0		
3.4	415.66	6389	0.81	64632	4 0 0		
10	142.66	2878	3.72	60900	M 1 4 3 0 1 4 0 _ M _ - _ _ 3 . 0 4 A _	416.8	112M
9.2	154.57	3118	3.43	60900	1 5 0		
7.7	185.56	3743	3.1	60861	1 8 0		
6.8	206.15	4159	2.77	60900	2 0 0		
6.7	211.96	4276	2.5	60900	2 2 5		
6	237.77	4796	2.23	60864	2 5 0		
5	282.11	5691	2.02	60613	M 1 4 4 0 2 5 0 _ M _ - _ _ 3 . 0 4 A _	454.8	112M
4.5	316.73	6389	1.8	60613	3 0 0		
4	352.68	7115	1.61	60613	3 5 0		
3.2	437.66	8829	1.3	60613	4 0 0		
2.8	509.44	10277	1.12	60613	4 5 0		
2.5	563.61	11374	1.01	60613	5 0 0		
2.2	636.42	12839	0.89	60613	5 8 0		
2	699.65	14115	0.81	60613	6 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
657	1.45	43	2.67	4098	M 0 6 2 0 1 . 4 _ M _ - _ _ 3 . 0 6 A _	67	132S
467	2.03	61	2.53	4361	1 . 8		
417	2.28	68	2.46	4412	2 . 2		
371	2.56	77	2.22	4453	2 . 5		
338	2.81	84	2.61	4548	2 . 8		
293	3.25	97	2.06	4578	3 . 2		
258	3.68	111	1.92	4655	3 . 6		
240	3.95	119	2.19	4781	4 . 0		
214	4.43	133	2.06	4851	4 . 5		
188	5.04	151	1.9	4948	5 . 0		
168	5.65	170	1.78	5015	5 . 6		
150	6.32	190	1.58	5052	6 . 3		
133	7.16	215	1.43	5107	7 . 1		
118	8.05	242	1.36	5190	8 . 0		
104	9.13	275	1.23	5156	9 . 0		
97	9.83	296	0.98	4766	1 0 .		
83	11.44	344	0.88	4432	1 1 .		
76	12.54	378	0.97	4455	1 2 .		
65	14.58	439	0.87	5325	1 4 .		
654	1.45	43	2.85	5389	M 0 7 2 0 1 . 4 _ M _ - _ _ 3 . 0 6 A _	84	132S
472	2.01	60	2.85	5889	1 . 8		
420	2.26	68	2.85	5973	2 . 2		
382	2.49	74	2.85	6041	2 . 5		
330	2.88	86	2.85	6195	2 . 8		
293	3.25	97	2.85	6221	3 . 2		
257	3.69	111	2.85	6356	3 . 6		
238	3.99	120	2.85	6505	4 . 0		
212	4.48	135	2.85	6633	4 . 5		
186	5.09	153	2.85	6794	5 . 0		
166	5.72	172	2.85	6917	5 . 6		
148	6.44	194	2.85	7011	6 . 3		
130	7.32	220	2.85	7042	7 . 1		
116	8.22	247	2.85	7127	8 . 0		
102	9.34	281	2.58	7096	9 . 0		
97	9.78	294	2.36	6705	1 0 .		
85	11.24	338	2.16	6626	1 1 .		
76	12.48	376	1.98	7831	1 2 .		
66	14.34	432	1.73	7706	1 4 .		
59	16.09	485	1.54	7223	1 6 .		
52	18.2	548	1.36	8303	1 8 .		
46	20.54	619	1.21	8380	2 0 .		
41	23.23	700	1.07	7711	2 2 .		
38	25.16	758	0.99	8520	2 5 .		
34	27.56	830	0.9	7661	2 8 .		
93	10.22	308	3.76	19178	M 0 8 2 0 1 0 . _ M _ - _ _ 3 . 0 6 A _	110	132S
80	11.9	358	3.4	19626	1 1 .		
75	12.68	382	3.76	20126	1 2 .		
64	14.76	445	3.24	20826	1 4 .		
58	16.34	492	2.29	20556	1 6 .		
52	18.44	556	1.99	20941	1 8 .		
47	20.27	611	2.29	21117	2 0 .		
42	22.89	690	1.99	21932	2 2 .		
36	26.07	786	1.59	21192	2 5 .		
33	28.64	863	1.38	20774	2 8 .		
29	32.35	975	1.49	20739	3 2 .		
27	35.54	1071	1.36	22419	3 6 .		
23	40.82	1230	1.11	21280	4 0 .		
21	44.84	1352	1.01	23305	4 5 .		
20	47.56	1434	1.01	22027	5 0 .		
17	54.76	1651	0.88	19826	5 6 .		
36	26.04	785	3.46	29068	M 0 9 2 0 2 5 . _ M _ - _ _ 3 . 0 6 A _	156	132S
33	28.74	866	3.14	28910	2 8 .		
29	32.31	974	2.81	28973	3 2 .		
27	35.67	1075	2.58	28784	3 6 .		
24	40.25	1213	2.1	28436	4 0 .		
21	44.44	1340	1.9	29250	4 5 .		
19	49.07	1479	1.94	29000	5 0 .		
17	55.18	1663	1.21	28075	5 6 .		
16	61.13	1843	1.39	27250	6 3 .		
14	68.74	2072	1.21	28537	7 1 .		
26	37.06	1117	3.86	47595	M 1 0 2 0 4 0 . _ M _ - _ _ 3 . 0 6 A _	202	132S
22	42.7	1287	3.33	49243	4 5 .		
20	47.93	1445	3.05	48806	5 0 .		
18	51.49	1552	2.59	48845	5 6 .		
16	57.75	1741	2.48	48681	6 3 .		
15	62.05	1871	2.32	48436	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
16	60.23	1816	2.17	48402	M 1 0 3 0 5 8 . M - 3 . 0 6 A	221	132S
14	66.93	2018	1.95	48120	6 3 .		
13	71.17	2146	2.15	48015	7 1 .		
12	79.06	2384	1.93	47633	8 0 .		
10	95.44	2878	1.37	45845	9 0 .		
8.6	109.97	3316	1.19	42785	1 0 0		
8.4	112.77	3400	1.36	45994	1 1 2		
7.3	129.94	3918	1.18	44755	1 2 5		
7	135.68	4097	1.07	45066	1 4 0		
6.1	156.57	4721	0.93	44105	1 6 0		
5.4	175.74	5299	0.87	43053	1 8 0		
5	188.61	5693	0.81	40255	2 0 0		
16	59.49	1793	3.76	66852	M 1 3 2 0 6 3 . _M_ - _ _3 . 0 6 A_	278	132S
15	63.29	1908	3.53	66843	7 1 .		
17	56.93	1716	3.76	66844	M 1 3 3 0 5 6 . _M_ - _ _3 . 0 6 A_	310	132S
15	64.17	1935	3.33	66811	8 3 .		
13	71.32	2150	3.1	66868	7 1 .		
12	80.39	2424	2.75	66836	8 0 .		
10	90.75	2736	2.38	66569	9 0 .		
9.4	101.07	3047	2.14	66442	1 0 0		
8.4	113.69	3428	1.95	66375	1 1 2		
7.5	126.62	3818	1.75	66225	1 2 5		
6.8	139.07	4193	1.63	66100	1 4 0		
6.1	154.69	4670	1.46	66025	1 6 0		
5.5	173.37	5228	1.28	65812	1 8 0		
5.2	184.46	5562	1.2	65675	2 0 0		
4.5	212.09	6395	1.07	65500	2 2 5		
4.2	225.65	6804	1	65380	2 5 0		
9.3	102.23	3082	3.79	80855	M 1 4 3 0 1 0 0 _M_ - _ _3 . 0 6 A_	433	132S
7.6	124.89	3766	3.08	80829	1 1 2		
7	135.31	4080	2.84	80833	1 2 5		
6.7	142.56	4302	2.49	80852	1 4 0		
6.1	154.57	4661	2.29	80835	1 6 0		
5.1	185.56	5595	2.07	80805	1 8 0		
4.6	206.15	6276	1.85	80825	2 0 0		
4.5	211.96	6391	1.67	80825	2 2 5		
4	237.77	7170	1.49	80800	2 5 0		
3.4	282.11	8507	1.35	80813	M 1 4 4 0 2 5 0 _M_ - _ _3 . 0 6 A_	489	132S
3	316.73	9551	1.2	80813	3 0 0		
2.7	352.68	10635	1.07	80813	3 5 0		
2.2	437.66	13197	0.87	80813	4 0 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.7 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
980	1.45	35	1.59	2020	M 0 4 2 0 1 . 4 _ M _ - _ _ 3 . 7 4 A _	44	112M
698	2.04	50	1.52	2200	1 . 8		
634	2.25	56	1.49	2200	2 . 2		
556	2.55	63	1.38	2210	2 . 5		
508	2.82	69	1.48	2260	2 . 8		
440	3.24	80	1.16	2200	3 . 2		
387	3.68	91	1.06	2200	3 . 6		
361	3.95	97	1.21	2270	4 . 0		
327	4.35	107	1.15	2280	4 . 5		
283	5.03	124	1.04	2290	5 . 0		
257	5.55	137	0.98	2280	5 . 6		
986	1.45	35	2.84	3571	M 0 8 2 0 1 . 4 _ M _ - _ _ 3 . 7 4 A _	57	112M
701	2.03	50	2.68	3947	1 . 8		
626	2.28	56	2.62	4064	2 . 2		
557	2.56	63	2.53	4200	2 . 5		
507	2.81	69	2.77	4290	2 . 8		
439	3.25	80	2.34	4263	3 . 2		
387	3.68	91	2.19	4326	3 . 6		
360	3.95	97	2.32	4420	4 . 0		
322	4.43	109	2.18	4466	4 . 5		
283	5.04	125	2.02	4559	5 . 0		
252	5.65	140	1.89	4622	5 . 6		
226	6.32	156	1.78	4857	6 . 3		
199	7.16	177	1.63	4710	7 . 1		
177	8.05	199	1.55	4783	8 . 0		
156	9.13	226	1.41	4740	9 . 0		
145	9.83	243	1.04	4815	1 0 .		
125	11.44	283	0.93	4837	1 1 .		
114	12.54	311	1.04	4892	1 2 .		
98	14.58	361	0.93	4990	1 4 .		
981	1.45	35	3.46	4695	M 0 7 2 0 1 . 4 _ M _ - _ _ 3 . 7 4 A _	75	112M
708	2.01	49	3.48	5201	1 . 8		
630	2.26	56	3.48	5390	2 . 2		
573	2.49	61	3.48	5550	2 . 5		
495	2.88	71	3.48	5833	2 . 8		
439	3.25	80	3.48	5857	3 . 2		
366	3.89	91	3.48	5938	3 . 6		
357	3.99	98	3.48	6052	4 . 0		
318	4.48	111	3.48	6125	4 . 5		
280	5.09	126	3.48	6241	5 . 0		
248	5.72	142	3.48	6360	5 . 6		
221	6.44	159	3.48	6459	6 . 3		
195	7.32	181	3.37	6526	7 . 1		
179	8.22	204	3.14	6606	8 . 0		
153	9.34	231	2.9	6584	9 . 0		
146	9.78	242	2.71	6820	1 0 .		
127	11.24	278	2.44	6663	1 1 .		
114	12.48	309	2.34	7046	1 2 .		
99	14.34	355	2.1	7141	1 4 .		
88	16.09	399	1.85	7258	1 6 .		
78	18.2	450	1.55	7444	1 8 .		
68	20.54	509	1.47	7709	2 0 .		
61	23.23	575	1.3	7882	2 2 .		
57	25.16	623	1.2	7900	2 5 .		
52	27.56	683	1.09	8020	2 8 .		
44	32.12	796	0.94	8310	3 2 .		
139	10.22	253	3.99	17739	M 0 8 2 0 1 0 . M - _ 3 . 7 4 A _	102	112M
120	11.9	294	3.61	18014	1 1 .		
112	12.68	314	3.99	18314	1 2 .		
97	14.76	365	3.81	18546	1 4 .		
87	16.34	404	2.79	18468	1 6 .		
77	18.44	457	2.42	18756	1 8 .		
70	20.27	502	2.79	19257	2 0 .		
62	22.89	567	2.42	20912	2 2 .		
55	26.07	646	1.9	20870	2 5 .		
50	28.64	709	1.68	21024	2 8 .		
44	32.35	802	1.81	21123	3 2 .		
40	35.54	881	1.64	22938	3 6 .		
35	40.82	1012	1.35	23145	4 0 .		
32	44.84	1111	1.23	23600	4 5 .		
30	47.56	1178	1.23	23600	5 0 .		
26	54.76	1357	1.07	23400	5 6 .		
24	59.07	1467	0.99	23300	M 0 8 3 0 5 6 . _ M _ - _ _ 3 . 7 4 A _	107	112M

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.7 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
55	26.04	645	4.23	27100	M 0 9 2 0 2 5 . _ M _ - _ _ 3 . 7 4 A _	148	112M
50	28.74	712	3.83	27660	2 8 .		
44	32.31	801	2.97	29088	3 2 .		
40	35.97	884	2.74	29209	3 6 .		
35	40.25	997	2.55	29209	4 0 .		
32	44.44	1102	2.31	29328	4 5 .		
29	49.07	1216	2.05	29294	5 0 .		
26	55.18	1368	1.51	29260	5 6 .		
23	61.13	1515	1.69	29092	6 9 .		
21	66.74	1704	1.5	29009	7 1 .		
24	59.65	1484	1.82	29100	M 0 9 3 0 5 8 . _ M _ - _ _ 3 . 7 4 A _	158	112M
21	66.49	1648	1.68	29000	6 3 .		
19	74.26	1841	1.62	28900	7 1 .		
17	82.51	2045	1.46	28800	8 0 .		
15	93.92	2328	1.19	28800	9 0 .		
14	103.68	2571	1.07	28400	1 0 0		
12	116.55	2890	1.04	28400	1 1 2		
33	42.7	1058	4.08	43598	M 1 0 2 0 4 5 . _ M _ - _ _ 3 . 7 4 A _	194	112M
30	47.93	1188	3.64	45065	5 0 .		
28	51.49	1277	3.14	45118	5 6 .		
25	57.75	1431	3.03	47736	6 9 .		
23	62.05	1538	2.81	48754	7 1 .		
24	60.23	1493	2.64	48255	M 1 0 3 0 5 8 . _ M _ - _ _ 3 . 7 4 A _	213	112M
21	66.93	1659	2.38	48356	6 3 .		
20	71.17	1764	2.62	48317	7 1 .		
18	79.08	1960	2.36	48020	8 0 .		
15	95.44	2368	1.68	47275	9 0 .		
13	109.97	2726	1.45	46629	1 0 0		
13	112.77	2795	1.65	46857	1 1 2		
11	129.94	3222	1.44	45930	1 2 5		
10	135.88	3369	1.3	45800	1 4 0		
9.1	156.57	3881	1.12	45000	1 6 0		
8.1	175.74	4357	1.06	44000	1 8 0		
7.5	188.81	4681	0.99	43500	2 0 0		
23	63.29	1569	4.28	65860	M 1 3 2 0 7 1 . _ M _ - _ _ 3 . 7 4 A _	270	112M
22	64.17	1591	4.06	65860	M 1 3 3 0 8 3 . _ M _ - _ _ 3 . 7 4 A _	302	112M
20	71.32	1768	3.77	66832	7 1 .		
18	80.39	1992	3.35	66719	8 0 .		
16	90.75	2250	2.9	66872	9 0 .		
14	101.07	2506	2.61	66552	1 0 0		
13	113.69	2818	2.38	66492	1 1 2		
11	126.62	3139	2.14	66324	1 2 5		
10	139.07	3447	1.99	65224	1 4 0		
9.2	154.89	3840	1.78	66154	1 6 0		
8.2	173.37	4298	1.56	65945	1 8 0		
7.7	184.45	4573	1.46	65890	2 0 0		
6.7	212.09	5258	1.3	65700	2 2 5		
6.3	225.65	5594	1.22	65800	2 5 0		
4.8	294.09	7291	0.91	64749	M 1 3 4 0 2 5 0 _ M _ - _ _ 3 . 7 4 A _	348	112M
11	124.89	3096	3.74	80866	M 1 4 3 0 1 1 2 _ M _ - _ _ 3 . 7 4 A _	425	112M
11	135.31	3355	3.45	80871	1 2 5		
10	142.66	3537	3.03	80900	1 4 0		
9.2	154.57	3832	2.79	80900	1 6 0		
7.7	185.56	4600	2.52	80859	1 8 0		
6.8	208.15	5161	2.25	80900	2 0 0		
6.7	211.96	5255	2.03	80900	2 2 5		
6	237.77	5895	1.82	80866	2 5 0		
5.1	282.11	6995	1.64	80813	M 1 4 4 0 2 5 0 M - 3 . 7 4 A	481	112M
4.5	316.73	7852	1.46	80619	3 0 0		
4	352.68	8744	1.31	80813	3 5 0		
3.3	437.96	10851	1.08	80619	4 0 0		
2.8	509.44	12631	0.91	80613	4 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.7 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
661	1.45	53	2.17	4031	M 0 5 2 0 1 . 4 _ M _ - _ _ 3 . 7 5 A _	78	132S
470	2.03	75	2.08	4268	1 . 8		
419	2.28	84	2.01	4307	2 . 2		
373	2.56	94	1.82	4336	2 . 5		
340	2.81	104	2.13	4441	2 . 8		
294	3.25	119	1.68	4431	3 . 2		
259	3.68	136	1.56	4485	3 . 6		
242	3.95	146	1.78	4628	4 . 0		
216	4.43	164	1.68	4878	4 . 5		
189	5.04	185	1.55	4761	5 . 0		
169	5.65	208	1.45	4805	5 . 6		
151	6.32	233	1.29	4807	6 . 3		
133	7.16	265	1.17	4832	7 . 1		
119	8.05	298	1.1	4890	8 . 0		
105	9.13	338	1.01	4733	9 . 0		
657	1.45	54	2.32	5335	M 0 7 2 0 1 . 4 _ M _ - _ _ 3 . 7 5 A _	93	132S
474	2.01	74	2.32	5815	1 . 8		
422	2.26	83	2.32	5889	2 . 2		
384	2.49	92	2.32	5948	2 . 5		
331	2.88	106	2.32	6106	2 . 8		
294	3.25	119	2.32	6102	3 . 2		
259	3.69	136	2.32	6220	3 . 6		
239	3.99	147	2.32	6382	4 . 0		
213	4.48	166	2.32	6495	4 . 5		
187	5.09	188	2.32	6643	5 . 0		
167	5.72	211	2.32	6748	5 . 6		
148	6.44	238	2.32	6812	6 . 3		
130	7.32	270	2.32	6751	7 . 1		
116	8.22	303	2.32	6778	8 . 0		
102	9.34	345	2.1	6620	9 . 0		
96	9.78	362	1.92	6133	1 0 .		
85	11.24	415	1.76	5879	1 1 .		
77	12.48	462	1.61	7428	1 2 .		
67	14.34	530	1.41	7100	1 4 .		
58	16.09	595	1.25	6305	1 6 .		
52	18.2	672	1.1	7857	1 8 .		
46	20.54	759	0.96	7612	2 0 .		
41	23.23	858	0.85	5498	2 2 .		
291	3.28	121	4.14	15869	M 0 8 2 0 3 . 2 _ M _ - _ _ 3 . 7 5 A _	119	132S
259	3.68	136	3.85	16063	3 . 6		
145	6.59	243	4.14	18005	6 . 3		
129	7.4	273	3.85	18194	7 . 1		
117	8.18	302	4.14	18516	8 . 0		
104	9.18	339	3.85	18578	9 . 0		
93	10.22	377	3.07	18831	1 0 .		
80	11.9	439	2.77	18910	1 1 .		
75	12.68	469	3.07	19410	1 2 .		
65	14.76	546	2.64	19910	1 4 .		
58	16.34	604	1.87	19437	1 6 .		
52	18.44	682	1.62	19811	1 8 .		
47	20.27	749	1.87	19777	2 0 .		
42	22.89	846	1.2	20925	2 2 .		
37	26.07	964	1.3	19682	2 5 .		
33	28.54	1059	1.12	19335	2 8 .		
30	32.35	1197	1.21	19268	3 2 .		
27	35.54	1314	1.1	21651	3 6 .		
23	40.82	1510	0.91	20048	4 0 .		
52	18.43	682	3.98	27957	M 0 9 2 0 1 8 . _ M _ - _ _ 3 . 7 5 A _	165	132S
46	20.59	761	3.85	28831	2 0 .		
42	22.87	845	3.47	29069	2 2 .		
37	26.04	963	2.82	28647	2 5 .		
33	28.74	1063	2.56	28384	2 8 .		
30	32.31	1195	2.29	28489	3 2 .		
27	35.67	1319	2.1	28179	3 6 .		
24	40.25	1488	1.71	27594	4 0 .		
21	44.44	1644	1.55	29016	4 5 .		
19	49.07	1815	1.58	28500	5 0 .		
17	55.18	2041	0.98	27058	5 6 .		
16	61.13	2262	1.14	25750	6 3 .		
14	68.74	2543	0.98	27962	7 1 .		
37	25.03	963	4.03	41166	M 1 0 2 0 2 5 . _ M _ - _ _ 3 . 7 5 A _	211	132S
32	29.99	1109	3.49	43372	2 8 .		
31	30.76	1138	4.01	43618	3 2 .		
27	35.44	1311	3.47	45263	3 6 .		
26	37.06	1371	3.15	46568	4 0 .		
22	42.7	1579	2.71	48423	4 5 .		
20	47.93	1773	2.49	47889	5 0 .		
19	51.49	1905	2.11	48027	5 6 .		
17	57.75	2136	2.02	47784	6 3 .		
15	62.05	2295	1.89	47461	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

3.7 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
16	60.23	2227	1.76	47424	M 1 0 3 0 5 6 . _M_ - _ _3 . 7 6 A_	230	132S
14	66.93	2475	1.59	47027	6 3 .		
13	71.17	2633	1.75	45878	7 1 .		
12	78.08	2926	1.58	46381	8 0 .		
10	95.44	3531	1.11	43947	9 0 .		
8.7	109.97	4068	0.97	39677	1 0 0		
8.5	112.77	4172	1.1	44196	1 1 2		
7.3	129.94	4807	0.96	42533	1 2 5		
7	135.88	5028	0.88	43000	1 4 0		
22	43.45	1607	4.19	66863	M 1 3 2 0 4 5 . _M_ - _ _3 . 7 6 A_	287	132S
20	48.63	1799	3.28	66736	5 0 .		
18	51.74	1914	3.28	66712	5 6 .		
16	58.49	2201	3.07	66868	6 3 .		
15	63.29	2341	2.86	66648	7 1 .		
17	56.93	2106	3.07	66674	M 1 3 3 0 5 6 . _M_ - _ _3 . 7 6 A_	319	132S
15	64.17	2374	2.71	66618	6 3 .		
13	71.32	2638	2.53	66481	7 1 .		
12	80.39	2974	2.24	66394	8 0 .		
11	90.75	3357	1.94	66315	9 0 .		
9.4	101.07	3739	1.74	66136	1 0 0		
8.4	113.69	4206	1.59	66025	1 1 2		
7.5	126.62	4684	1.43	65841	1 2 5		
6.9	139.07	5145	1.33	65700	1 4 0		
6.2	154.89	5730	1.19	65575	1 6 0		
5.5	173.37	6414	1.04	65267	1 8 0		
5.2	184.46	6824	0.98	65125	2 0 0		
4.5	212.09	7846	0.86	64900	2 2 5		
12	79.7	2911	3.98	60851	M 1 4 3 0 7 1 _M_ - _ _3 . 7 6 A_	442	132S
11	86.75	3210	3.6	60839	8 0 .		
10	94.35	3490	3.33	60826	9 0 .		
9.3	102.23	3781	3.09	60826	1 0 0		
7.6	124.89	4620	2.51	60782	1 1 2		
7.1	135.31	5006	2.31	60768	1 2 5		
6.7	142.65	5278	2.03	60821	1 4 0		
6.2	154.57	5718	1.87	60794	1 6 0		
5.1	185.56	6864	1.69	60742	1 8 0		
4.6	208.15	7701	1.51	60776	2 0 0		
4.5	211.96	7841	1.38	60775	2 2 5		
4	237.77	9797	1.22	60733	2 5 0		
3.4	282.11	10437	1.1	60613	M 1 4 4 0 2 5 0 _M_ - _ _3 . 7 6 A_	478	132S
3	316.73	11716	0.97	60613	3 0 0		
2.7	352.89	13048	0.88	60613	3 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

5.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
1003	1.45	52	1.95	3506	M 0 6 2 0 1 . 4 _ M _ - _ _ 5 . 5 4 A _	70	132S
713	2.03	73	1.84	3854	1 . 6		
638	2.26	82	1.79	3979	2 . 2		
567	2.56	92	1.73	4084	2 . 5		
516	2.81	101	1.69	4163	2 . 8		
446	3.25	117	1.6	4136	3 . 2		
394	3.68	133	1.5	4156	3 . 6		
367	3.95	143	1.59	4270	4 . 0		
327	4.43	160	1.49	4296	4 . 5		
288	5.04	182	1.38	4375	5 . 0		
257	5.65	204	1.3	4416	5 . 6		
230	6.32	228	1.22	4414	6 . 3		
203	7.16	259	1.12	4435	7 . 1		
180	8.05	291	1.05	4486	8 . 0		
159	9.13	330	0.96	4324	9 . 0		
998	1.45	52	2.38	4643	M 0 7 2 0 1 . 4 _ M _ - _ _ 5 . 5 4 A _	87	132S
720	2.01	72	2.38	5127	1 . 8		
641	2.26	81	2.38	5306	2 . 2		
583	2.49	90	2.38	5458	2 . 5		
503	2.88	104	2.38	5744	2 . 8		
447	3.25	117	2.38	5739	3 . 2		
393	3.69	133	2.38	5803	3 . 6		
369	3.99	144	2.38	5929	4 . 0		
323	4.48	162	2.38	5968	4 . 5		
285	5.09	184	2.38	6092	5 . 0		
253	5.72	207	2.38	6199	5 . 6		
225	6.44	233	2.38	6256	6 . 3		
198	7.32	265	2.31	6265	7 . 1		
176	8.22	297	2.15	6291	8 . 0		
155	9.34	338	1.98	6121	9 . 0		
148	9.78	354	1.85	6520	1 0 .		
129	11.24	406	1.67	6236	1 1 .		
118	12.48	452	1.6	6563	1 2 .		
101	14.34	519	1.43	6726	1 4 .		
90	16.09	582	1.26	6766	1 6 .		
80	18.2	659	1.13	6890	1 8 .		
71	20.54	744	1.01	7110	2 0 .		
62	23.23	841	0.89	7210	2 2 .		
442	3.26	118	3.67	14819	M 0 8 2 0 3 . 2 _ M _ - _ _ 5 . 5 4 A _	113	132S
394	3.68	133	3.42	15093	3 . 6		
220	6.59	238	3.67	16490	6 . 3		
196	7.4	267	3.42	15710	7 . 1		
177	8.18	296	3.67	17032	8 . 0		
158	9.18	332	3.42	17200	9 . 0		
142	10.22	370	2.73	17188	1 0 .		
122	11.9	430	2.47	17275	1 1 .		
114	12.68	459	2.73	17575	1 2 .		
98	14.76	534	2.47	17585	1 4 .		
89	16.34	591	1.91	17510	1 8 .		
79	18.44	668	1.66	17894	1 8 .		
72	20.27	734	1.91	18152	2 0 .		
63	22.89	828	1.66	20136	2 2 .		
56	26.07	944	1.3	19640	2 5 .		
51	28.54	1037	1.15	19558	2 8 .		
45	32.35	1171	1.24	19699	3 2 .		
41	35.54	1287	1.13	22300	3 6 .		
36	40.82	1478	0.93	22600	4 0 .		
70	20.59	745	3.91	25200	M 0 9 2 0 2 0 . _ M _ - _ _ 5 . 5 4 A _	159	132S
63	22.87	828	3.55	26023	2 2 .		
58	25.04	943	2.89	26350	2 5 .		
50	28.74	1041	2.62	26711	2 8 .		
45	32.31	1170	2.04	26575	3 2 .		
41	35.67	1291	1.87	28800	3 6 .		
36	40.25	1458	1.75	28800	4 0 .		
33	44.44	1609	1.58	29101	4 5 .		
30	49.07	1777	1.41	29039	5 0 .		
26	55.18	1998	1.04	28977	5 6 .		
24	61.13	2214	1.15	28752	6 3 .		
21	68.74	2489	1.03	28600	7 1 .		
46	29.99	1086	3.58	38466	M 1 0 2 0 2 0 . _ M _ - _ _ 5 . 5 4 A _	205	132S
41	35.44	1283	3.55	40116	3 6 .		
39	37.06	1342	3.2	41144	4 0 .		
34	42.7	1546	2.78	42930	4 5 .		
30	47.93	1736	2.49	44324	5 0 .		
26	51.49	1865	2.15	45300	5 6 .		
25	57.75	2091	2.07	46850	6 3 .		
23	62.05	2247	1.93	47800	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

5.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
24	60.23	2181	1.81	47278	M 1 0 3 0 5 6 . _ M _ - _ _ 5 5 4 A _	224	132S
22	66.93	2424	1.63	47294	6 3 .		
20	71.17	2577	1.79	47238	7 1 .		
18	79.08	2864	1.61	45811	8 0 .		
15	95.44	3457	1.14	45743	9 0 .		
13	109.97	3983	0.99	44859	1 0 0		
13	112.77	4084	1.13	44900	1 1 2		
11	129.94	4706	0.96	43900	1 2 5		
30	48.63	1761	3.35	66783	M 1 3 2 0 5 0 . M - _ 5 . 5 4 A _	261	132S
28	51.74	1874	3.35	65755	5 6 .		
24	59.49	2154	3.13	66715	8 3 .		
23	63.29	2292	2.93	66661	7 1 .		
25	56.93	2062	3.15	66739	M 1 3 3 0 5 6 . _ M _ - _ _ 5 . 5 4 A _	313	132S
23	64.17	2324	2.78	66661	6 3 .		
20	71.32	2583	2.58	66810	7 1 .		
18	80.39	2911	2.29	66475	8 0 .		
16	90.75	3287	1.98	66400	9 0 .		
14	101.07	3661	1.76	66262	1 0 0		
13	113.69	4117	1.63	66152	1 1 2		
11	128.62	4656	1.46	65928	1 2 5		
10	139.07	5037	1.36	65828	1 4 0		
9.4	154.89	5610	1.22	65700	1 6 0		
8.4	173.37	6279	1.07	65400	1 8 0		
7.9	184.45	6681	1	65300	2 0 0		
17	86.75	3142	3.69	80863	M 1 4 3 0 8 0 . _ M _ - _ _ 5 . 5 4 A _	436	132S
15	94.35	3417	3.42	80856	9 0 .		
14	102.23	3702	3.15	80679	1 0 0		
12	124.89	4523	2.58	80839	1 1 2		
11	135.31	4901	2.36	80648	1 2 5		
10	142.65	5167	2.07	80900	1 4 0		
9.4	154.57	5598	1.91	80900	1 6 0		
7.8	185.58	6721	1.73	80825	1 8 0		
7	208.15	7539	1.54	80900	2 0 0		
6.8	211.96	7677	1.39	80900	2 2 5		
6.1	237.77	8612	1.24	80837	2 5 0		
5.1	282.11	10216	1.13	80613	M 1 4 4 0 2 5 0 _ M _ - _ _ 5 . 5 4 A _	472	132S
4.6	316.73	11472	1	80613	3 0 0		
4.1	352.68	12774	0.9	80613	3 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

5.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
664	1.45	79	1.47	3930	M 0 6 2 0 1 . 4 _ M _ - _ _ 5 . 5 6 A _	86	132M
472	2.03	111	1.4	4130	1 . 8		
421	2.28	124	1.36	4150	2 . 2		
375	2.56	139	1.23	4160	2 . 5		
341	2.81	153	1.44	4280	2 . 8		
286	3.25	177	1.14	4210	3 . 2		
261	3.68	201	1.08	4230	3 . 6		
243	3.95	216	1.21	4400	4 . 0		
217	4.43	242	1.13	4420	4 . 5		
190	5.04	275	1.05	4460	5 . 0		
170	5.65	309	0.98	4490	5 . 6		
152	6.32	345	0.87	4440	6 . 3		
661	1.45	79	1.57	5255	M 0 7 2 0 1 . 4 _ M _ - _ _ 5 . 5 6 A _	103	132M
477	2.01	110	1.57	5705	1 . 8		
425	2.26	123	1.57	5783	2 . 2		
386	2.49	136	1.57	5809	2 . 5		
333	2.86	157	1.57	5972	2 . 8		
296	3.25	177	1.57	5924	3 . 2		
260	3.69	201	1.57	6015	3 . 6		
241	3.99	218	1.57	6197	4 . 0		
214	4.48	245	1.57	6268	4 . 5		
188	5.09	278	1.57	6417	5 . 0		
168	5.72	313	1.57	6496	5 . 6		
149	6.44	352	1.57	6514	6 . 3		
131	7.32	400	1.57	6313	7 . 1		
117	8.22	449	1.57	6256	8 . 0		
103	9.34	511	1.42	5905	9 . 0		
98	9.78	534	1.3	5275	10 .		
85	11.24	614	1.19	4759	11 .		
77	12.48	682	1.09	6825	12 .		
67	14.34	784	0.95	6191	14 .		
60	16.09	880	0.85	4927	15 .		
663	1.45	79	3.16	12973	M 0 8 2 0 1 . 4 _ M _ - _ _ 5 . 5 6 A _	129	132M
487	2.05	112	3.16	14489	1 . 8		
421	2.26	124	3.16	14969	2 . 2		
378	2.54	138	3.16	15205	2 . 5		
330	2.91	159	3.16	15547	2 . 8		
293	3.28	179	2.8	15721	3 . 2		
261	3.68	201	2.8	15921	3 . 6		
233	4.12	225	3.16	16321	4 . 0		
210	4.58	250	3.16	16878	4 . 5		
186	5.12	279	3.16	17036	5 . 0		
169	5.58	310	3.16	17338	5 . 6		
146	6.59	360	2.8	17768	6 . 3		
130	7.4	404	2.8	17831	7 . 1		
117	8.18	447	2.8	18105	8 . 0		
105	9.18	502	2.6	18126	9 . 0		
94	10.22	559	2.07	17810	10 .		
81	11.9	650	1.87	17836	11 .		
76	12.58	693	2.07	18336	12 .		
65	14.76	807	1.79	18536	14 .		
59	16.34	893	1.26	17757	16 .		
52	18.44	1008	1.1	17815	18 .		
47	20.27	1109	1.26	17768	20 .		
42	22.89	1252	1.1	19414	22 .		
37	26.07	1426	0.87	17918	25 .		
30	32.35	1770	0.82	17106	32 .		
58	16.59	907	2.98	26578	M 0 9 2 0 1 6 . _ M _ - _ _ 5 . 5 6 A _	175	132M
52	18.43	1008	2.69	27452	18 .		
47	20.59	1126	2.6	28410	20 .		
42	22.87	1251	2.35	28663	22 .		
37	26.04	1424	1.91	28015	25 .		
33	28.74	1572	1.73	27594	28 .		
30	32.31	1767	1.55	27763	32 .		
27	35.67	1951	1.42	27257	36 .		
24	40.25	2202	1.16	26331	40 .		
22	44.44	2431	1.05	26666	45 .		
20	49.07	2684	1.07	28000	50 .		
53	18.25	998	3.89	36559	M 1 0 2 0 1 8 . _ M _ - _ _ 5 . 5 6 A _	221	132M
45	21.57	1179	3.85	38183	22 .		
37	26.03	1424	2.73	39472	25 .		
32	29.99	1640	2.36	41850	28 .		
31	30.76	1682	2.71	42333	32 .		
27	35.44	1938	2.35	43315	36 .		
26	37.06	2027	2.13	45079	40 .		
22	42.7	2336	1.84	47192	45 .		
20	47.93	2622	1.58	46013	50 .		
19	51.49	2817	1.43	46800	56 .		
17	57.75	3159	1.37	45437	63 .		
15	62.05	3394	1.28	48050	71 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

5.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
16	60.23	3295	1.19	45958	M 1 0 3 0 5 6 . M - 5 . 5 6 A	240	132M
14	66.93	3661	1.07	45387	6 3 .		
13	71.17	3893	1.18	45173	7 1 .		
12	79.08	4326	1.07	44508	8 0 .		
30	31.89	1744	3.78	66043	M 1 3 2 0 3 2 . M - 5 . 5 6 A	297	132M
27	35.52	1943	3.4	65995	3 8 .		
25	39.01	2134	3.16	65816	4 0 .		
22	43.45	2376	2.84	65666	4 5 .		
20	48.63	2660	2.22	65515	5 0 .		
19	51.74	2830	2.22	65473	5 6 .		
16	59.49	3254	2.07	65392	6 3 .		
15	63.29	3462	1.95	65355	7 1 .		
17	56.93	3114	2.07	66418	M 1 3 3 0 5 6 . M - 5 . 5 6 A	329	132M
15	64.17	3510	1.84	66329	6 3 .		
13	71.32	3901	1.71	66170	7 1 .		
12	80.39	4398	1.51	66031	8 0 .		
11	90.75	4964	1.31	65905	9 0 .		
9.5	101.07	5529	1.18	65878	1 0 0		
8.4	113.69	6219	1.08	65500	1 1 2		
7.6	126.62	6927	0.97	65265	1 2 5		
6.9	139.07	7606	0.9	65100	1 4 0		
6.2	154.69	8464	0.81	64900	1 8 0		
16	59.46	3252	3.58	60829	M 1 4 3 0 5 6 . _M_ - _ _5 . 5 6 A_	452	132M
15	65.55	3586	3.24	60815	6 3 .		
12	78.7	4305	2.69	60621	7 1 .		
11	86.76	4746	2.44	60802	8 0 .		
10	94.35	5162	2.25	60782	9 0 .		
9.4	102.23	5592	2.09	60762	1 0 0		
7.7	124.89	6832	1.7	60711	1 1 2		
7.1	135.31	7402	1.57	60722	1 2 5		
6.7	142.65	7805	1.37	60773	1 4 0		
6.2	154.57	8456	1.26	60731	1 6 0		
5.2	185.56	10151	1.14	60647	1 8 0		
4.6	208.15	11387	1.02	60700	2 0 0		
4.5	211.96	11596	0.92	60700	2 2 5		
4	237.77	13006	0.82	60633	2 5 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

7.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
1003	1.45	71	1.43	3420	M 0 6 2 0 1 . 4 _ M _ - _ _ 7 . 5 4 A _	80	132M
713	2.03	100	1.35	3730	1 . 8		
636	2.28	112	1.31	3840	2 . 2		
567	2.56	126	1.27	3930	2 . 5		
516	2.81	138	1.39	4040	2 . 8		
448	3.25	160	1.17	3940	3 . 2		
384	3.68	181	1.1	3930	3 . 6		
367	3.95	195	1.17	4070	4 . 0		
327	4.43	218	1.1	4070	4 . 5		
288	5.04	248	1.01	4130	5 . 0		
257	5.65	279	0.95	4140	5 . 6		
230	6.32	311	0.9	4090	6 . 3		
203	7.16	353	0.82	4070	7 . 1		
998	1.45	71	1.75	4573	M 0 7 2 0 1 . 4 _ M _ - _ _ 7 . 5 4 A _	97	132M
720	2.01	99	1.75	5029	1 . 8		
641	2.26	111	1.75	5198	2 . 2		
583	2.49	122	1.75	5337	2 . 5		
503	2.88	142	1.75	5525	2 . 8		
447	3.25	160	1.75	5581	3 . 2		
393	3.69	182	1.75	5623	3 . 6		
363	3.99	197	1.75	5765	4 . 0		
323	4.48	221	1.75	5805	4 . 5		
285	5.09	251	1.75	5894	5 . 0		
253	5.72	282	1.75	5972	5 . 6		
225	6.44	318	1.75	5994	6 . 3		
198	7.32	361	1.69	5916	7 . 1		
178	8.22	405	1.57	5887	8 . 0		
155	9.34	461	1.45	5504	9 . 0		
148	9.78	482	1.36	6120	1 0 .		
129	11.24	554	1.22	5841	1 1 .		
116	12.48	616	1.17	6200	1 2 .		
101	14.34	708	1.05	6170	1 4 .		
90	16.09	794	0.93	6110	1 6 .		
1001	1.45	71	3.51	11334	M 0 8 2 0 1 . 4 _ M _ - _ _ 7 . 5 4 A _	123	132M
706	2.05	101	3.48	12634	1 . 8		
636	2.28	112	3.31	13092	2 . 2		
571	2.54	125	3.12	13551	2 . 5		
499	2.91	143	3.51	14192	2 . 8		
442	3.28	162	2.69	14710	3 . 2		
384	3.68	181	2.51	14968	3 . 6		
352	4.12	203	3.48	15268	4 . 0		
317	4.58	226	3.31	15527	4 . 5		
283	5.12	252	3.48	15727	5 . 0		
255	5.68	280	3.31	15944	5 . 6		
220	6.59	325	2.69	15303	6 . 3		
198	7.4	365	2.51	16413	7 . 1		
177	8.18	403	2.69	16669	8 . 0		
158	9.18	453	2.51	16718	9 . 0		
142	10.22	504	2	16453	1 0 .		
122	11.9	587	1.81	16291	1 1 .		
114	12.68	626	2	16521	1 2 .		
98	14.76	729	1.81	16304	1 4 .		
89	16.34	806	1.4	16443	1 6 .		
79	18.44	910	1.22	16278	1 8 .		
72	20.27	1001	1.4	15678	2 0 .		
63	22.89	1130	1.22	19100	2 2 .		
58	25.07	1287	0.96	18000	2 5 .		
51	28.64	1414	0.84	17800	2 8 .		
45	32.35	1598	0.91	17800	3 2 .		
87	16.59	819	3.23	23623	M 0 9 2 0 1 6 . _ M _ - _ _ 7 . 5 4 A _	169	132M
79	18.43	910	2.99	23999	1 8 .		
70	20.59	1018	2.87	24718	2 0 .		
63	22.87	1129	2.8	25492	2 2 .		
56	26.04	1286	2.12	25350	2 5 .		
50	28.74	1419	1.92	25446	2 8 .		
45	32.31	1595	1.49	27893	3 2 .		
41	35.67	1761	1.37	28254	3 6 .		
36	40.25	1988	1.28	28256	4 0 .		
33	44.44	2194	1.18	28800	4 5 .		
30	49.07	2423	1.03	28700	5 0 .		
24	61.13	3018	0.85	28300	6 3 .		
58	25.03	1285	3.03	35035	M 1 0 2 0 2 5 . _ M _ - _ _ 7 . 5 4 A _	215	132M
48	29.99	1481	2.83	37779	2 8 .		
47	30.76	1519	3	38165	3 2 .		
41	35.44	1750	2.8	39096	3 6 .		
39	37.06	1830	2.35	40384	4 0 .		
34	42.7	2109	2.04	42039	4 5 .		
30	47.93	2367	1.83	43308	5 0 .		
28	51.49	2543	1.57	44209	5 6 .		
25	57.75	2852	1.52	45868	6 3 .		
23	62.05	3064	1.41	46527	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

7.5 kW

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
4 POLE							
24	60.23	2974	1.33	45977	M 1 0 3 0 5 6 . _ M _ - _ _ 7 . 5 4 A _	234	132M
22	66.93	3305	1.19	45878	5 3 .		
20	71.17	3515	1.31	45800	7 1 .		
18	79.08	3906	1.18	45200	8 0 .		
15	95.44	4714	0.84	43700	9 0 .		
41	35.52	1754	3.77	65484	M 1 3 2 0 3 8 . M - _ 7 . 5 4 A _	291	132M
37	39.01	1926	3.49	65198	4 0 .		
33	43.45	2145	3.15	65269	4 5 .		
30	48.83	2401	2.45	66591	5 0 .		
28	51.74	2555	2.45	66547	5 6 .		
24	59.49	2938	2.29	66482	6 3 .		
23	63.29	3126	2.15	66395	7 1 .		
25	56.93	2812	2.31	66520	M 1 3 3 0 5 6 . _ M _ - _ _ 7 . 5 4 A _	323	132M
23	64.17	3169	2.04	66396	6 3 .		
20	71.32	3522	1.69	66313	7 1 .		
18	80.39	3970	1.58	66156	8 0 .		
16	90.75	4482	1.45	66038	9 0 .		
14	101.07	4992	1.31	65875	1 0 0		
13	113.69	5615	1.19	65700	1 1 2		
11	126.62	6254	1.07	65400	1 2 5		
10	139.07	6869	1	65300	1 4 0		
24	59.45	2936	3.75	80680	M 1 4 3 0 5 6 . _ M _ - _ _ 7 . 5 4 A _	446	132M
22	65.55	3237	3.47	80661	6 3 .		
18	78.7	3887	2.97	80673	7 1 .		
17	86.76	4285	2.71	80673	8 0 .		
15	94.35	4660	2.51	80648	9 0 .		
14	102.23	5049	2.31	80667	1 0 0		
12	124.89	6168	1.88	80802	1 1 2		
11	135.31	6683	1.73	80617	1 2 5		
10	142.65	7046	1.52	80900	1 4 0		
9.4	154.57	7634	1.4	80900	1 6 0		
7.8	185.56	9165	1.27	80779	1 8 0		
7	206.15	10281	1.13	80900	2 0 0		
6.6	211.96	10469	1.02	80900	2 2 5		
6.1	237.77	11744	0.91	80800	2 5 0		
5.1	282.11	13934	0.83	80613	M 1 4 4 0 2 5 0 _ M _ - _ _ 7 . 5 4 A _	482	132M
6 POLE							
654	1.45	107	1.16	5147	M 0 7 2 0 1 . 4 _ M _ - _ _ 7 . 5 6 A _	115	160M
479	2.01	149	1.16	5557	1 . 8		
427	2.26	167	1.18	5594	2 . 2		
388	2.49	184	1.16	5624	2 . 5		
335	2.88	213	1.18	5793	2 . 8		
297	3.25	240	1.16	5685	3 . 2		
261	3.69	273	1.16	5745	3 . 6		
242	3.99	296	1.18	5951	4 . 0		
215	4.48	332	1.16	6012	4 . 5		
189	5.09	378	1.18	6116	5 . 0		
169	5.72	424	1.16	6159	5 . 6		
150	6.44	477	1.16	6116	6 . 3		
132	7.32	543	1.16	5730	7 . 1		
117	8.22	609	1.16	5559	8 . 0		
103	9.34	693	1.05	4955	9 . 0		
99	9.78	725	0.96	4131	1 0 .		
88	11.24	833	0.88	3265	1 1 .		
77	12.48	926	0.81	5020	1 2 .		
666	1.45	107	2.33	12910	M 0 8 2 0 1 . 4 M - _ 7 . 5 6 A _	148	160M
470	2.05	152	2.33	14364	1 . 8		
423	2.28	169	2.33	14884	2 . 2		
380	2.54	188	2.33	15057	2 . 5		
332	2.91	215	2.33	15421	2 . 8		
294	3.28	243	2.06	15531	3 . 2		
262	3.68	273	1.92	15731	3 . 6		
234	4.12	306	2.33	16131	4 . 0		
211	4.58	339	2.33	16468	4 . 5		
189	5.12	379	2.33	16805	5 . 0		
170	5.68	421	2.33	17105	5 . 6		
145	6.59	488	2.06	17452	6 . 3		
130	7.4	548	1.92	17347	7 . 1		
118	8.18	606	2.06	17557	8 . 0		
105	9.18	681	1.92	17389	9 . 0		
94	10.22	758	1.53	16715	1 0 .		
81	11.9	882	1.38	16405	1 1 .		
76	12.68	941	1.53	16905	1 2 .		
65	14.75	1095	1.32	16705	1 4 .		
59	16.34	1212	0.93	15518	1 8 .		
52	18.44	1368	0.81	14955	1 8 .		
48	20.27	1504	0.93	15088	2 0 .		
42	22.69	1686	0.81	17400	2 2 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

7.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
117	8.22	610	9.9	22500	M 0 9 2 0 8 . 0 _ M _ - _ _ 7 . 5 6 A _	191	160M
105	9.19	681	3.63	23000	9 . 0		
94	10.27	761	9.95	23300	1 0 .		
82	11.71	868	3.07	23800	1 1 .		
76	12.74	945	2.92	24200	1 2 .		
66	14.53	1078	2.68	25200	1 4 .		
58	16.59	1231	2.2	25968	1 6 .		
52	18.43	1368	1.98	26778	1 8 .		
47	20.59	1528	1.92	27715	2 0 .		
42	22.87	1697	1.73	28094	2 2 .		
37	25.04	1932	1.41	27173	2 5 .		
34	28.74	2133	1.27	26542	2 8 .		
30	32.31	2397	1.14	26794	3 2 .		
27	35.67	2647	1.05	26036	3 6 .		
24	40.25	2987	0.85	24647	4 0 .		
59	16.43	1219	3.18	34702	M 1 0 2 0 1 6 . _ M _ - _ _ 7 . 5 6 A _	239	160M
53	18.25	1354	2.87	35373	1 8 .		
50	19.41	1440	3.15	36020	2 0 .		
45	21.57	1600	2.84	36658	2 2 .		
37	25.03	1931	2.01	37213	2 5 .		
32	29.89	2225	1.74	39819	2 8 .		
31	30.76	2282	2	40353	3 2 .		
27	35.44	2630	1.73	40720	3 6 .		
26	37.06	2750	1.57	43067	4 0 .		
23	42.7	3169	1.35	45552	4 5 .		
20	47.93	3557	1.24	43778	5 0 .		
19	51.49	3821	1.05	45163	5 6 .		
17	57.75	4288	1.01	44842	6 3 .		
16	62.05	4604	0.94	44140	7 1 .		
16	60.23	4470	0.88	44000	M 1 0 3 0 5 6 . _ M _ - _ _ 7 . 5 6 A _	258	160M
14	71.17	5281	0.87	42900	7 1 .		
43	22.55	1673	3.93	65425	M 1 3 2 0 2 2 . _ M _ - _ _ 7 . 5 8 A _	314	160M
38	25.45	1889	3.4	65407	2 5 .		
34	28.35	2104	3.06	65407	2 8 .		
30	31.89	2368	2.79	65403	3 2 .		
27	35.52	2635	2.51	65326	3 6 .		
25	39.01	2895	2.33	64715	4 0 .		
22	43.45	3224	2.09	66404	4 5 .		
20	48.53	3609	1.84	66223	5 0 .		
19	51.74	3839	1.64	66154	5 6 .		
16	59.49	4415	1.53	66024	6 3 .		
15	63.29	4697	1.43	65964	7 1 .		
24	39.93	2963	2.09	66500	M 1 3 3 0 4 0 . _ M _ - _ _ 7 . 5 8 A _	346	160M
22	44.18	3278	2.02	66400	4 5 .		
19	50.02	3712	1.8	66200	5 0 .		
17	56.93	4225	1.53	66077	5 6 .		
15	64.17	4762	1.35	65944	6 3 .		
14	71.32	5293	1.26	65755	7 1 .		
12	80.39	5968	1.12	65547	8 0 .		
11	90.75	6735	0.97	65357	9 0 .		
10	101.07	7501	0.87	65068	1 0 0		
24	39.42	2925	3.81	80900	M 1 4 2 0 4 0 . _ M _ - _ _ 7 . 5 8 A _	424	160M
23	42.71	3169	3.32	80900	4 5 .		
19	51.27	3805	2.22	80900	5 0 .		
17	57.52	4268	2.08	80900	5 6 .		
16	58.57	4346	2.22	80900	6 3 .		
15	65.7	4876	2.08	80900	7 1 .		
23	41.36	3069	3.57	80900	M 1 4 3 0 4 0 . _ M _ - _ _ 7 . 5 8 A _	469	160M
20	48.21	3578	3.23	80900	4 5 .		
18	54.75	4063	2.84	80900	5 0 .		
16	59.46	4412	2.64	80794	5 6 .		
15	65.55	4864	2.39	80773	6 3 .		
12	78.7	5840	1.98	80762	7 1 .		
11	86.76	6439	1.8	80753	8 0 .		
10	94.35	7002	1.66	80724	9 0 .		
9.4	102.23	7586	1.54	80723	1 0 0		
7.7	124.89	9269	1.25	80617	1 1 2		
7.1	135.31	10042	1.15	80633	1 2 5		
6.8	142.66	10588	1.01	80710	1 4 0		
6.2	154.57	11471	0.93	80647	1 6 0		
5.2	185.56	13771	0.84	80521	1 8 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

11.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
1001	1.45	104	1.2	4450	M 0 7 2 0 1 . 4 _ M _ - _ _ 1 1 . 4 A _	121	160M
723	2.01	145	1.2	4856	1 . 8		
644	2.26	163	1.2	5001	2 . 2		
585	2.49	179	1.2	5123	2 . 5		
505	2.88	208	1.2	5417	2 . 8		
448	3.25	234	1.2	5305	3 . 2		
394	3.69	266	1.2	5309	3 . 6		
365	3.99	288	1.2	5478	4 . 0		
325	4.48	323	1.2	5485	4 . 5		
286	5.09	367	1.2	5546	5 . 0		
254	5.72	413	1.2	5583	5 . 6		
226	6.44	464	1.2	5535	6 . 3		
199	7.32	528	1.16	5306	7 . 1		
177	8.22	593	1.08	5126	8 . 0		
156	9.34	674	0.99	4424	9 . 0		
149	9.78	705	0.93	5420	1 0 .		
129	11.24	811	0.84	4600	1 1 .		
1004	1.45	104	2.4	11225	M 0 8 2 0 1 . 4 _ M _ - _ _ 1 1 . 4 A _	153	160M
708	2.05	148	2.38	12525	1 . 8		
638	2.28	164	2.26	12956	2 . 2		
573	2.54	183	2.13	13387	2 . 5		
500	2.91	209	2.4	14056	2 . 8		
443	3.28	236	1.84	14518	3 . 2		
395	3.68	265	1.71	14750	3 . 6		
353	4.12	297	2.38	15050	4 . 0		
318	4.58	330	2.26	15281	4 . 5		
284	5.12	369	2.38	15481	5 . 0		
256	5.68	410	2.26	15643	5 . 6		
221	6.59	475	1.84	15975	6 . 3		
197	7.4	533	1.71	15893	7 . 1		
178	8.18	590	1.84	16087	8 . 0		
159	9.18	662	1.71	15868	9 . 0		
142	10.22	737	1.37	15168	1 0 .		
122	11.9	858	1.24	14568	1 1 .		
115	12.68	915	1.37	14868	1 2 .		
99	14.76	1065	1.24	14062	1 4 .		
89	16.34	1179	0.96	14400	1 6 .		
79	18.44	1331	0.83	13800	1 8 .		
72	20.27	1463	0.96	14100	2 0 .		
197	7.4	534	3.78	20200	M 0 9 2 0 7 . 1 _ M _ - _ _ 1 1 . 4 A _	196	160M
177	8.22	593	3.55	20600	8 . 0		
158	9.19	663	3.3	21000	9 . 0		
142	10.27	741	3.05	21300	1 0 .		
124	11.71	845	2.79	21800	1 1 .		
114	12.74	919	2.65	22100	1 2 .		
100	14.53	1048	2.44	22600	1 4 .		
88	16.59	1197	2.21	22912	1 6 .		
79	18.43	1330	2.04	23206	1 8 .		
71	20.59	1486	1.96	23868	2 0 .		
64	22.87	1651	1.78	24562	2 2 .		
56	26.04	1879	1.45	23600	2 5 .		
51	28.74	2075	1.31	23231	2 8 .		
45	32.31	2332	1.02	26700	3 2 .		
41	35.67	2575	0.94	27300	3 6 .		
36	40.25	2905	0.88	27300	4 0 .		
89	16.43	1185	3.27	31474	M 1 0 2 0 1 6 . _ M _ - _ _ 1 1 . 4 A _	244	160M
80	18.25	1317	2.95	31490	1 8 .		
75	19.41	1401	3.25	33095	2 0 .		
67	21.57	1557	2.92	33035	2 2 .		
56	26.03	1879	2.07	33210	2 5 .		
49	29.99	2165	1.8	36577	2 8 .		
47	30.76	2220	2.05	37055	3 2 .		
41	35.44	2558	1.78	37311	3 6 .		
39	37.06	2675	1.61	39052	4 0 .		
34	42.7	3082	1.4	40481	4 5 .		
30	47.93	3460	1.25	41531	5 0 .		
28	51.49	3717	1.08	42300	5 6 .		
25	57.75	4169	1.04	43600	6 3 .		
23	62.05	4479	0.97	44300	7 1 .		
24	60.23	4348	0.91	43700	M 1 0 3 0 5 6 . _ M _ - _ _ 1 1 . 4 A _	261	160M
22	66.93	4831	0.82	43400	6 3 .		
57	25.45	1837	3.49	58985	M 1 3 2 0 2 5 . _ M _ - _ _ 1 1 . 4 A _	319	160M
51	28.35	2046	3.14	60868	2 8 .		
46	31.89	2302	2.86	62739	3 2 .		
41	35.52	2563	2.58	64351	3 6 .		
37	39.01	2816	2.39	63876	4 0 .		
33	43.45	3136	2.15	65688	4 5 .		
30	48.63	3510	1.68	66255	5 0 .		
28	51.74	3735	1.68	66182	5 6 .		
24	59.49	4294	1.57	66074	6 3 .		
23	63.29	4569	1.47	65931	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

11.0 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	38	39.93	2882	2	66500	M 1 3 3 0 4 0 . _ M _ - _ _ 1 1 . 4 A _	351	160M
	33	44.18	3189	2.03	66400	4 5 .		
	29	50.02	3611	1.83	66300	5 0 .		
	26	56.93	4110	1.58	66137	5 6 .		
	23	64.17	4632	1.4	65931	6 3 .		
	20	71.32	5148	1.3	65793	7 1 .		
	18	80.39	5803	1.15	65600	8 0 .		
	16	90.75	6551	0.99	65400	9 0 .		
	14	101.07	7296	0.89	65200	1 0 0		
	37	39.42	2845	3.84	60900	M 1 4 2 0 4 0 . _ M _ - _ _ 1 1 . 4 A _	429	160M
	34	42.71	3083	3.38	60900	4 5 .		
	28	51.27	3701	2.29	60900	5 0 .		
	25	57.52	4152	2.12	60900	5 6 .		
	25	58 57	4228	2.29	60900	6 3 .		
	22	65.7	4743	2.12	60900	7 1 .		
	35	41.36	2985	3.42	60900	M 1 4 3 0 4 0 . _ M _ - _ _ 1 1 . 4 A _	474	180M
	30	48 21	3480	3.32	60900	4 5 .		
	27	54.75	3952	2.93	60900	5 0 .		
	24	59.46	4292	2.56	60858	5 6 .		
	22	65.55	4732	2.97	60636	6 3 .		
	18	78.7	5681	2.03	60655	7 1 .		
	17	88.76	6283	1.85	60855	8 0 .		
	15	94.35	6811	1,71	60611	9 0 .		
	14	102.23	7380	1.58	60848	1 0 0		
	12	124.89	9016	1.29	60738	1 1 2		
	11	135.31	9768	1.19	60762	1 2 5		
	10	142.68	10299	1.04	60900	1 4 0		
	9.4	154.57	11158	0.96	60900	1 6 0		
	7.8	185.56	13396	0.87	60700	1 8 0		
6 POLE	655	1.45	157	1.59	12800	M 0 8 2 0 1 . 4 _ M _ - _ _ 1 1 . 8 A _	167	160L
	470	2.05	223	1.59	14200	1 . 8		
	423	2.28	248	1.59	14700	2 . 2		
	380	2.54	276	1.59	14800	2 . 5		
	332	2.91	316	1.59	15200	2 . 8		
	294	3.28	357	1.41	15200	3 . 2		
	262	3.68	401	1.31	15400	3 . 6		
	234	4.12	448	1.59	15800	4 . 0		
	211	4.58	498	1.59	16100	4 . 5		
	189	5.12	556	1.59	16400	5 . 0		
	170	5.68	618	1.59	16700	5 . 6		
	146	6.59	717	1.41	16900	6 . 3		
	130	7.4	805	1.31	16500	7 . 1		
	118	8.18	889	1.41	16800	8 . 0		
	105	9.18	999	1.31	16100	9 . 0		
	94	10.22	1112	1.04	14800	1 0 .		
	81	11.9	1294	0.94	13900	1 1 .		
	76	12.58	1380	1.04	14400	1 2 .		
	65	14.76	1606	0.9	13500	1 4 .		
	377	2.56	278	3.98	18413	M 0 9 2 0 2 . 5 M - 1 1 . 8 A	210	160L
	292	3.3	359	3.09	18951	3 . 2		
	252	3.69	401	2.76	19220	3 . 6		
	211	4.56	496	3.89	19920	4 . 5		
	190	5.07	552	3.67	20368	5 . 0		
	170	5.69	618	3.42	20757	5 . 6		
	146	6.63	721	3.09	20964	6 . 3		
	130	7.4	805	2.83	21135	7 . 1		
	117	8.22	895	2.66	21442	8 . 0		
	105	9.19	1000	2.48	21615	9 . 0		
	94	10.27	1117	2.28	21371	1 0 .		
	82	11.71	1274	2.09	21388	1 1 .		
	76	12.74	1386	1.99	21722	1 2 .		
	66	14.53	1581	1.83	22766	1 4 .		
	58	16.59	1805	1.5	24900	1 6 .		
	52	18.43	2006	1.35	25400	1 8 .		
	47	20.59	2241	1.31	26500	2 0 .		
	42	22.87	2489	1.18	27100	2 2 .		
	37	26.04	2834	0.96	25700	2 5 .		
	34	28.74	3128	0.87	24700	2 8 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

11.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
91	10.58	1152	3.36	31993	M 1 0 2 0 1 0 . _ M _ - _ _ 1 1 . 6 A _	258	160L
81	11.98	1304	2.97	32815	1 1 .		
77	12.51	1361	3.33	32900	1 2 .		
68	14.16	1541	2.94	33326	1 4 .		
59	16.43	1788	2.17	33059	1 6 .		
53	18.25	1986	1.96	33308	1 8 .		
50	19.41	2112	2.15	33855	2 0 .		
45	21.57	2347	1.94	33969	2 2 .		
37	26.03	2833	1.37	33260	2 5 .		
32	29.99	3264	1.19	36266	2 8 .		
31	30.76	3347	1.38	36888	3 2 .		
27	35.44	3857	1.18	36177	3 6 .		
26	37.06	4033	1.07	38546	4 0 .		
23	42.7	4647	0.92	42681	4 5 .		
20	47.93	5217	0.85	39668	5 0 .		
60	15.97	1738	3.67	58990	M 1 3 2 0 1 6 . _ M _ - _ _ 1 1 . 6 A _	333	160L
54	18	1959	3.26	60842	1 8 .		
48	20	2177	3.02	62525	2 0 .		
43	22.55	2454	2.68	64256	2 2 .		
38	25.45	2770	2.32	64224	2 5 .		
34	28.35	3085	2.08	64224	2 8 .		
30	31.89	3471	1.9	64262	3 2 .		
27	35.52	3865	1.71	64156	3 6 .		
25	39.01	4246	1.59	63143	4 0 .		
22	43.45	4729	1.43	65944	4 5 .		
20	48.53	5283	1.11	65711	5 0 .		
19	51.74	5631	1.11	65596	5 6 .		
16	59.49	6475	1.04	65360	6 3 .		
15	63.28	6889	0.98	65261	7 1 .		
24	39.93	4346	1.43	66065	M 1 3 3 0 4 0 . _ M _ - _ _ 1 1 . 6 A _	365	160L
22	44.18	4808	1.38	65922	4 5 .		
19	50.02	5445	1.22	65659	5 0 .		
17	56.93	6197	1.04	65481	5 6 .		
15	64.17	6985	0.92	65270	6 3 .		
14	71.32	7763	0.86	65029	7 1 .		
37	26.07	2837	3.86	79297	M 1 4 2 0 2 5 . _ M _ - _ _ 1 1 . 6 A _	443	160L
34	28.25	3074	3.38	79964	2 8 .		
28	34.51	3756	2.95	79448	3 2 .		
26	37.38	4069	2.76	79271	3 6 .		
24	39.42	4290	2.48	80853	4 0 .		
23	42.71	4648	2.27	80844	4 5 .		
19	51.27	5581	1.52	80853	5 0 .		
17	57.52	6260	1.41	80837	5 6 .		
16	58.57	6375	1.52	80837	6 3 .		
15	65.7	7151	1.41	80806	7 1 .		
23	41.36	4502	2.43	80884	M 1 4 3 0 4 0 . M - _ 1 1 . 6 A _	488	160L
20	48.21	5248	2.2	80668	4 5 .		
18	54.75	5959	1.94	80837	5 0 .		
16	59.46	6471	1.8	80733	5 6 .		
15	65.55	7135	1.63	80700	6 3 .		
12	78.7	8568	1.35	80714	7 1 .		
11	86.76	9444	1.22	80668	8 0 .		
10	94.35	10270	1.13	80821	9 0 .		
9.4	102.23	11127	1.05	80620	1 0 0		
7.7	124.89	13594	0.85	80452	1 1 2		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

15.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
1005	1.45	142	0.88	4310	M 0 7 2 0 1 . 4 _ M _ - _ _ 1 5 . 4 A _	134	160L
725	2.01	197	0.88	4660	1 . 8		
648	2.26	221	0.88	4760	2 . 2		
587	2.49	243	0.88	4880	2 . 5		
507	2.88	282	0.88	5180	2 . 8		
450	3.25	318	0.88	4990	3 . 2		
395	3.69	362	0.88	4950	3 . 6		
368	3.98	381	0.88	5150	4 . 0		
328	4.48	439	0.88	5120	4 . 5		
287	5.08	499	0.88	5150	5 . 0		
255	5.72	561	0.88	5140	5 . 6		
227	6.44	631	0.89	5010	6 . 3		
199	7.32	718	0.85	4610	7 . 1		
1008	1.45	142	1.77	11100	M 0 8 2 0 1 . 4 _ M _ - _ _ 1 5 . 4 A _	166	160L
711	2.05	201	1.75	12400	1 . 8		
640	2.28	223	1.66	12800	2 . 2		
575	2.54	248	1.57	13200	2 . 5		
502	2.91	285	1.77	13900	2 . 8		
445	3.28	321	1.36	14300	3 . 2		
396	3.68	361	1.28	14500	3 . 6		
354	4.12	404	1.75	14600	4 . 0		
319	4.58	449	1.68	15000	4 . 5		
285	5.12	501	1.75	15200	5 . 0		
257	5.68	557	1.86	15300	5 . 6		
222	6.59	646	1.36	15600	6 . 3		
197	7.4	725	1.26	15300	7 . 1		
179	8.18	802	1.36	15400	8 . 0		
159	9.18	900	1.26	14900	9 . 0		
143	10.22	1002	1.01	13700	1 0 .		
123	11.9	1167	0.91	12600	1 1 .		
115	12.68	1244	1.01	12900	1 2 .		
99	14.76	1448	0.91	11500	1 4 .		
442	3.3	323	3.42	17411	M 0 9 2 0 3 . 2 M - _ 1 5 . 4 A _	209	180L
396	3.69	361	3.07	18000	3 . 6		
319	4.58	449	3.83	18675	4 . 5		
288	5.07	497	3.6	18964	5 . 0		
257	5.68	557	3.36	19062	5 . 6		
220	6.63	650	3.03	19152	6 . 3		
197	7.4	726	2.78	19364	7 . 1		
178	8.22	806	2.61	19682	8 . 0		
159	9.19	901	2.43	19647	9 . 0		
142	10.27	1007	2.24	19976	1 0 .		
125	11.71	1148	2.05	20078	1 1 .		
115	12.74	1249	1.95	20668	1 2 .		
101	14.53	1425	1.79	21581	1 4 .		
88	16.59	1627	1.62	22100	1 6 .		
79	18.43	1808	1.5	22300	1 8 .		
71	20.59	2019	1.44	22900	2 0 .		
64	22.87	2244	1.31	23500	2 2 .		
58	26.04	2554	1.07	21600	2 5 .		
51	28.74	2820	0.97	20700	2 8 .		
138	10.59	1038	3.64	29341	M 1 0 2 0 1 0 . _ M _ - _ _ 1 5 . 4 A _	257	160L
122	11.98	1175	3.3	29629	1 1 .		
117	12.51	1227	3.26	30105	1 2 .		
103	14.16	1389	3.01	30354	1 4 .		
89	16.43	1611	2.41	30463	1 6 .		
80	18.25	1790	2.17	30122	1 8 .		
75	19.41	1904	2.39	32275	2 0 .		
68	21.57	2116	2.15	31670	2 2 .		
58	25.03	2553	1.52	31123	2 5 .		
49	29.99	2942	1.32	35204	2 8 .		
47	30.76	3017	1.51	35762	3 2 .		
41	35.44	3476	1.31	35270	3 6 .		
39	37.06	3635	1.16	37591	4 0 .		
34	42.7	4189	1.03	38700	4 5 .		
30	47.93	4702	0.92	39500	5 0 .		
81	18	1765	3.62	54837	M 1 3 2 0 1 8 . _ M _ - _ _ 1 5 . 4 A _	332	160L
73	20	1962	3.35	55478	2 0 .		
65	22.55	2212	2.97	56359	2 2 .		
57	25.45	2497	2.57	57752	2 5 .		
51	28.35	2781	2.31	59627	2 8 .		
46	31.89	3128	2.11	61302	3 2 .		
41	35.52	3484	1.9	63056	3 6 .		
37	39.01	3827	1.76	62365	4 0 .		
34	43.45	4262	1.58	65002	4 5 .		
30	48.63	4770	1.24	65871	5 0 .		
28	51.74	5076	1.24	65785	5 6 .		
25	59.48	5836	1.15	65807	6 3 .		
23	63.29	6209	1.08	65400	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

15.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
37	39.93	3917	1.47	65827	M 1 3 3 0 4 0 . M - 1 5 . 4 A	384	160L
33	44.18	4334	1.49	66026	4 5 .		
29	50.02	4907	1.35	65873	5 0 .		
26	56.93	5585	1.16	65700	5 6 .		
23	64.17	6296	1.03	65400	6 3 .		
20	71.32	6997	0.95	65200	7 1 .		
52	28.25	2771	3.73	79209	M 1 4 2 0 2 8 . M - 1 5 . 4 A	442	160L
42	34.51	3385	3.26	79690	3 2 .		
39	37.39	3668	3.06	79627	3 8 .		
37	39.42	3867	2.66	80805	4 0 .		
34	42.71	4190	2.49	80875	4 5 .		
28	51.27	5030	1.68	79923	5 0 .		
25	57.52	5642	1.56	79735	5 6 .		
25	58.57	5746	1.68	80852	6 3 .		
22	65.7	6445	1.56	80829	7 1 .		
35	41.36	4057	2.52	80900	M 1 4 3 0 4 0 . M - 1 5 . 4 A	487	160L
30	48.21	4730	2.44	80900	4 5 .		
27	54.75	5371	2.15	80900	5 0 .		
25	59.46	5833	1.89	80853	5 6 .		
22	65.55	6430	1.75	80807	6 3 .		
19	78.7	7720	1.5	80835	7 1 .		
17	86.76	8512	1.36	80835	8 0 .		
15	94.35	9256	1.28	80770	9 0 .		
14	102.23	10029	1.16	80821	1 0 0		
12	124.89	12252	0.95	80864	1 1 2		
11	135.31	13275	0.87	80700	1 2 5		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

15.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
656	1.48	218	3.49	15465	M 0 9 2 0 1 . 4 _ M _ - _ _ 1 5 . 6 A _	234	160L
476	2.04	300	3.49	17065	1 . 8		
425	2.28	337	3.29	17833	2 . 2		
379	2.56	378	2.83	18200	2 . 5		
327	2.97	438	3.49	18800	2 . 8		
294	3.3	487	2.28	18666	3 . 2		
263	3.69	544	2.03	18900	3 . 6		
237	4.09	603	3.08	19333	4 . 0		
212	4.58	676	2.87	19600	4 . 5		
191	5.07	749	2.71	20033	5 . 0		
171	5.68	839	2.52	20388	5 . 6		
146	6.63	978	2.28	20168	6 . 3		
131	7.4	1093	2.09	20033	7 . 1		
118	8.22	1214	1.96	20233	8 . 0		
106	9.19	1356	1.83	20033	9 . 0		
94	10.27	1515	1.66	19166	1 0 .		
83	11.71	1728	1.54	18590	1 1 .		
76	12.74	1881	1.47	18890	1 2 .		
67	14.53	2144	1.35	20027	1 4 .		
673	1.44	212	3.49	20766	M 1 0 2 0 1 . 4 _ M _ - _ _ 1 5 . 6 A _	282	160L
481	2.01	297	3.49	23100	1 . 8		
443	2.19	323	3.49	23700	2 . 2		
390	2.49	367	3.49	24866	2 . 5		
324	2.99	441	3.49	25933	2 . 8		
299	3.24	478	3.35	26100	3 . 2		
277	3.5	516	3.11	26300	3 . 6		
232	4.18	617	3.49	27066	4 . 0		
213	4.55	671	3.49	27333	4 . 5		
186	4.94	729	3.49	27700	5 . 0		
181	5.37	793	3.49	28133	5 . 6		
144	6.72	992	3.49	28168	6 . 3		
134	7.26	1072	3.49	29500	7 . 1		
122	7.95	1173	3.3	30033	8 . 0		
113	8.58	1266	3.15	30366	9 . 0		
92	10.59	1563	2.48	31300	1 0 .		
81	11.98	1769	2.19	31833	1 1 .		
76	12.51	1847	2.45	32100	1 2 .		
68	14.16	2091	2.17	32100	1 4 .		
59	16.43	2425	1.8	31168	1 6 .		
53	18.25	2695	1.44	30948	1 8 .		
50	19.41	2866	1.58	31360	2 0 .		
45	21.57	3184	1.43	30938	2 2 .		
37	26.03	3843	1.01	28742	2 5 .		
32	29.99	4426	0.88	32206	2 8 .		
32	30.76	4541	1	32929	3 2 .		
27	35.44	5233	0.87	30965	3 6 .		
87	11.2	1653	3.68	53811	M 1 3 2 0 1 1 . _ M _ - _ _ 1 5 . 6 A _	357	160L
78	12.39	1829	3.58	54800	1 2 .		
69	14.03	2071	3.13	55400	1 4 .		
61	15.97	2358	2.71	56213	1 6 .		
54	18	2658	2.4	56907	1 8 .		
48	20	2954	2.22	61448	2 0 .		
43	22.55	3329	1.97	62917	2 2 .		
38	25.45	3756	1.71	62871	2 5 .		
34	28.35	4186	1.54	62871	2 8 .		
30	31.89	4708	1.4	63002	3 2 .		
27	35.52	5244	1.26	62817	3 6 .		
25	39.01	5760	1.17	61344	4 0 .		
22	43.45	6415	1.05	65419	4 5 .		
20	48.53	7161	0.82	65125	5 0 .		
19	51.74	7640	0.82	64958	5 6 .		
24	39.93	5896	1.05	65568	M 1 3 3 0 4 0 . _ M _ - _ _ 1 5 . 6 A _	389	160L
22	44.18	6523	1.02	65377	4 5 .		
18	50.02	7386	0.9	65040	5 0 .		
45	21.75	3211	3.42	77888	M 1 4 2 0 2 0 . _ M _ - _ _ 1 5 . 8 A _	467	180L
40	23.97	3540	3.15	77622	2 2 .		
37	26.07	3849	2.84	77466	2 5 .		
34	28.25	4171	2.48	78894	2 8 .		
28	34.51	5095	2.16	77769	3 2 .		
26	37.38	5521	2.03	77410	3 5 .		
25	39.42	5821	1.81	80800	4 0 .		
23	42.71	6306	1.67	80760	4 5 .		
19	51.27	7571	1.12	80800	5 0 .		
17	57.52	8493	1.04	80766	5 6 .		
17	58.57	8648	1.12	80766	6 3 .		
15	65.7	9701	1.04	80700	7 1 .		
23	41.36	6107	1.79	80866	M 1 4 3 0 4 0 . _ M _ - _ _ 1 5 . 6 A _	512	180L
20	48.21	7119	1.62	80833	4 5 .		
18	54.75	8084	1.43	80768	5 0 .		
16	59.46	8779	1.33	80863	5 6 .		
15	65.55	9679	1.2	80815	6 3 .		
12	78.7	11621	1	80636	7 1 .		
11	86.76	12812	0.9	80570	8 0 .		
10	94.35	13933	0.84	80504	9 0 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

18.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
570	2.56	310	3.58	15013	M 0 8 2 0 2 . 5 _ M _ - _ _ 1 8 . 4 A _	232	180M
442	3.3	399	2.78	17247	3 . 2		
396	3.69	446	2.49	17825	3 . 6		
357	4.09	494	3.33	18225	4 . 0		
319	4.58	554	3.1	18480	4 . 5		
286	5.07	613	2.82	18758	5 . 0		
257	5.69	687	2.72	18804	5 . 6		
220	6.53	801	2.45	18585	6 . 3		
197	7.4	895	2.25	18833	7 . 1		
178	8.22	995	2.12	18878	8 . 0		
158	9.19	1111	1.97	18838	9 . 0		
142	10.27	1242	1.82	18819	1 0 .		
125	11.71	1416	1.57	18569	1 1 .		
115	12.74	1541	1.58	19415	1 2 .		
101	14.53	1757	1.45	20690	1 4 .		
417	3.5	423	3.77	23969	M 1 0 2 0 3 . 6 _ M _ - _ _ 1 8 . 4 A _	280	180M
217	6.72	813	3.97	27048	6 . 3		
201	7.26	878	3.77	27304	7 . 1		
184	7.95	961	3.56	27760	8 . 0		
170	8.58	1037	3.4	28118	9 . 0		
138	10.59	1281	2.85	28939	1 0 .		
122	11.98	1450	2.67	29242	1 1 .		
117	12.51	1513	2.65	29498	1 2 .		
103	14.16	1713	2.44	29458	1 4 .		
89	15.43	1867	1.85	29578	1 6 .		
80	18.25	2208	1.76	28925	1 8 .		
75	19.41	2348	1.94	31557	2 0 .		
66	21.57	2609	1.74	30850	2 2 .		
56	25.03	3148	1.24	29298	2 5 .		
49	29.99	3629	1.07	34002	2 8 .		
47	30.76	3721	1.22	34831	3 2 .		
41	35.44	4288	1.06	33485	3 5 .		
39	37.06	4484	0.98	36200	4 0 .		
104	14.03	1897	3.83	51962	M 1 3 2 0 1 4 . _ M _ - _ _ 1 8 . 4 A _	355	180M
91	15.97	1932	3.31	53400	1 6 .		
81	18	2178	2.93	53991	1 8 .		
73	20	2420	2.72	54734	2 0 .		
65	22.55	2728	2.41	55501	2 2 .		
57	25.45	3080	2.08	56872	2 5 .		
51	28.35	3430	1.87	56541	2 8 .		
46	31.89	3858	1.71	60045	3 2 .		
41	35.52	4297	1.54	61923	3 6 .		
37	39.01	4720	1.43	61043	4 0 .		
34	43.45	5256	1.28	64401	4 5 .		
30	48.53	5884	1	65535	5 0 .		
28	51.74	6260	1	65400	5 8 .		
25	59.49	7198	0.94	65200	6 3 .		
37	39.93	4831	1.19	64883	M 1 3 3 0 4 0 . _ M _ - _ _ 1 8 . 4 A _	387	180M
33	44.18	5345	1.21	65700	4 5 .		
29	50.02	6052	1.09	65500	5 0 .		
61	23.97	2900	3.85	74390	M 1 4 2 0 2 2 . _ M _ - _ _ 1 8 . 4 A _	485	180M
56	26.07	3154	3.4	75190	2 5 .		
52	28.25	3417	3.03	78429	2 8 .		
42	34.51	4175	2.66	78632	3 2 .		
38	37.39	4524	2.46	78513	3 6 .		
37	39.42	4769	2.17	80723	4 0 .		
34	42.71	5167	2.02	80855	4 5 .		
28	51.27	6204	1.37	79069	5 0 .		
25	57.52	6959	1.28	78716	5 8 .		
25	58.57	7086	1.37	80811	6 3 .		
22	65.7	7949	1.28	80767	7 1 .		
35	41.36	5004	2.04	80900	M 1 4 3 0 4 0 . _ M _ - _ _ 1 8 . 4 A _	510	180M
30	48.21	5833	1.88	80900	4 5 .		
27	54.75	6624	1.75	80900	5 0 .		
25	59.46	7194	1.53	80841	5 8 .		
22	65.55	7931	1.42	80782	6 3 .		
19	78.7	9522	1.21	80817	7 1 .		
17	86.76	10498	1,1	80817	8 0 .		
15	94.35	11416	1.02	80735	9 0 .		
14	102.23	12369	0.94	80800	1 0 0		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

18.5 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
656	1.48	269	2.83	15357	M 0 9 2 0 1 . 4 _ M _ - _ _ 1 8 . 5 A _	249	200L
476	2.04	370	2.83	16911	1 . 8		
425	2.28	415	2.67	17462	2 . 2		
378	2.56	466	2.38	18013	2 . 5		
327	2.97	540	2.83	18413	2 . 8		
294	3.3	601	1.85	18417	3 . 2		
263	3.69	671	1.65	18620	3 . 6		
237	4.09	744	2.5	19068	4 . 0		
212	4.58	834	2.33	19320	4 . 5		
191	5.07	923	2.2	19722	5 . 0		
171	5.69	1035	2.04	20024	5 . 6		
146	6.63	1207	1.85	19451	6 . 3		
131	7.4	1348	1.69	19068	7 . 1		
118	8.22	1497	1.59	19175	8 . 0		
106	9.19	1673	1.48	18548	9 . 0		
94	10.27	1869	1.37	17237	1 0 .		
83	11.71	2131	1.25	16158	1 1 .		
76	12.74	2320	1.19	16412	1 2 .		
67	14.53	2645	1.09	17813	1 4 .		
673	1.44	262	2.83	20857	M 1 0 2 0 1 . 4 _ M _ - _ _ 1 8 . 5 A _	297	200L
481	2.01	366	2.83	22960	1 . 8		
443	2.19	399	2.83	23560	2 . 2		
390	2.49	453	2.83	24511	2 . 5		
324	2.99	544	2.83	25762	2 . 8		
299	3.24	590	2.72	25866	3 . 2		
277	3 5	637	2.52	26065	3 . 6		
232	4.18	761	2.83	25817	4 . 0		
213	4.55	827	2.83	27068	4 . 5		
196	4.94	899	2.83	27420	5 . 0		
181	5.37	978	2.83	27822	5 . 6		
144	6.72	1224	2.83	28777	6 . 3		
134	7.26	1322	2.83	29080	7 . 1		
122	7.95	1447	2.68	29582	8 . 0		
113	8.58	1562	2.55	29864	9 . 0		
92	10.69	1928	2.01	30693	1 0 .		
81	11.98	2182	1,78	31148	1 1 .		
76	12.51	2278	1.99	31400	1 2 .		
68	14.16	2579	1.76	31026	1 4 .		
58	16.43	2991	1.29	29519	1 6 .		
53	18 25	3324	1.17	28864	1 8 .		
50	19.41	3534	1.28	29215	2 0 .		
45	21 57	3928	1,16	28269	2 2 .		
37	26.03	4740	0.82	24789	2 5 .		
32	30.76	5601	0.81	23464	3 2 .		
334	2.9	528	3.39	44508	M 1 3 2 0 2 . 8 _ M _ - _ _ 1 8 . 5 A _	372	200L
304	3.19	580	3.39	44976	3 . 2		
267	3.64	662	3.39	45727	3 . 6		
241	4.03	733	3.39	46262	4 . 0		
218	4.42	805	3.39	46813	4 . 5		
192	5.04	918	3.39	47831	5 . 0		
175	5 54	1008	3.39	48301	5 . 6		
156	6.21	1130	3.39	49040	6 . 3		
141	6.88	1252	3.39	49812	7 . 1		
125	7.78	1416	3.39	50700	8 . 0		
113	8.62	1569	3.39	51423	9 . 0		
96	9.89	1801	3.39	52202	1 0 .		
87	11.2	2039	2.99	52929	1 1 .		
78	12.39	2256	2.91	53620	1 2 .		
68	14.03	2555	2.54	54233	1 4 .		
61	15.97	2908	2.2	57533	1 6 .		
54	18	3278	1,95	59068	1 8 .		
48	20	3643	1.8	60502	2 0 .		
43	22.55	4106	1.8	61747	2 2 .		
38	25.45	4635	1.39	61668	2 5 .		
34	28.35	5163	1.25	61568	2 8 .		
30	31.89	5807	1.14	61861	3 2 .		
27	35.62	6488	1.02	61647	3 6 .		
25	39.01	7104	0.95	59770	4 0 .		
22	43.45	7912	0.85	64959	4 5 .		
24	39.93	7272	0.85	65134	M 1 3 3 0 4 0 . _ M _ - _ _ 1 8 . 5 A _	404	200L
22	44.18	8045	0.82	64900	4 5 .		
64	15.13	2755	3.89	73531	M 1 4 2 0 1 4 . _ M _ - _ _ 1 8 . 5 A _	482	200L
58	16.43	2992	3.81	74960	1 8 .		
54	18.11	3298	3.48	76759	1 8 .		
45	21.75	3960	2.77	76483	2 0 .		
40	23.97	4366	2.56	76092	2 2 .		
37	26.07	4748	2.3	75864	2 5 .		
34	28.25	5144	2.01	77958	2 8 .		
28	34 51	6284	1,76	76337	3 2 .		
26	37.39	6809	1.65	75762	3 8 .		
25	39.42	7179	1.47	80753	4 0 .		
23	42.71	7778	1.35	80724	4 5 .		
18	51.27	9338	0.91	80753	5 0 .		
17	57.52	10474	0.84	80704	5 6 .		
17	58 57	10666	0.91	80704	6 3 .		
15	65.7	11965	0.84	80606	7 1 .		
23	41.36	7532	1.45	80851	M 1 4 3 0 4 0 . M - 1 8 . 5 A _	527	200L
20	48 21	8781	1.32	80802	4 5 .		
18	54.75	9970	1.16	80704	5 0 .		
16	59.46	10828	1.08	80601	5 6 .		
15	65.55	11938	0.97	80542	6 3 .		
12	78.7	14332	0.81	80568	7 1 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

22.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
990	1.48	212	3.59	13373	M 0 9 2 0 1 . 4 _ M _ - _ _ 22 4 A _	268	180L
719	2.04	292	3.49	14778	1 . 8		
642	2.28	327	3.38	15344	2 . 2		
572	2.56	367	3.02	15879	2 . 5		
493	2.97	425	3.38	16711	2 . 8		
444	3.3	473	2.34	17062	3 . 2		
397	3.69	528	2.1	17650	3 . 6		
358	4.09	586	2.81	18050	4 . 0		
320	4.58	657	2.62	18285	4 . 5		
289	5.07	727	2.47	18552	5 . 0		
258	5.69	815	2.3	18526	5 . 6		
221	6.63	950	2.07	18020	6 . 3		
198	7.4	1061	1.9	17902	7 . 1		
178	8.22	1179	1.79	18078	8 . 0		
159	9.19	1317	1.66	17829	9 . 0		
143	10.27	1472	1.53	17861	1 0 .		
125	11.71	1678	1.41	17061	1 1 .		
115	12.74	1826	1.34	18163	1 2 .		
101	14.53	2082	1.23	19800	1 4 .		
1016	1.44	206	3.59	18073	M 1 0 2 0 1 . 4 M - _ 22 . 4 A _	316	180L
727	2.01	288	3.59	20108	1 . 8		
669	2.19	314	3.59	20608	2 . 2		
569	2.49	356	3.59	21444	2 . 5		
490	2.98	429	3.59	22844	2 . 8		
452	3.24	464	3.38	23247	3 . 2		
419	3.5	501	3.18	23814	3 . 6		
351	4.18	599	3.59	25314	4 . 0		
322	4.55	651	3.59	25650	4 . 5		
287	4.94	708	3.59	25917	5 . 0		
270	5.37	770	3.59	26185	5 . 6		
218	6.72	964	3.35	26791	6 . 3		
202	7.26	1041	3.18	27026	7 . 1		
184	7.95	1139	3.01	27461	8 . 0		
171	8.58	1230	2.87	27797	9 . 0		
138	10.59	1518	2.49	28538	1 0 .		
122	11.98	1718	2.25	28855	1 1 .		
117	12.51	1793	2.23	28891	1 2 .		
103	14.16	2030	2.06	28552	1 4 .		
89	16.43	2355	1.85	28683	1 6 .		
80	18.25	2617	1.49	27729	1 8 .		
75	19.41	2783	1.83	30840	2 0 .		
68	21.57	3092	1.47	29830	2 2 .		
56	26.03	3732	1.04	27472	2 5 .		
49	29.99	4300	0.9	32800	2 8 .		
48	30.76	4410	1.03	33500	3 2 .		
41	35.44	5081	0.9	31700	3 6 .		
131	11.2	1606	3.8	49729	M 1 3 2 0 1 1 . _ M _ - _ _ 22 . 4 A _	391	180L
116	12.39	1776	3.69	50520	1 2 .		
104	14.03	2012	3.23	51244	1 4 .		
92	15.97	2289	2.79	52865	1 6 .		
81	18	2581	2.48	53345	1 8 .		
73	20	2868	2.29	53990	2 0 .		
65	22.55	3233	2.03	54842	2 2 .		
58	25.45	3650	1.76	55583	2 5 .		
52	28.35	4065	1.58	57455	2 8 .		
46	31.89	4572	1.44	58797	3 2 .		
41	35.52	5092	1.3	60769	3 6 .		
38	39.01	5593	1.2	59721	4 0 .		
34	43.45	6230	1.08	63800	4 5 .		
30	48.53	6973	0.85	65200	5 0 .		
37	39.93	5726	1.01	64100	M 1 3 3 0 4 0 . M - _ 22 . 4 A _	423	180L
87	21.75	3118	3.52	72067	M 1 4 2 0 2 0 . _ M _ - _ _ 22 . 4 A _	501	180L
81	23.97	3437	3.25	73406	2 2 .		
68	26.07	3738	2.87	75208	2 5 .		
62	28.25	4050	2.55	77850	2 8 .		
42	34.51	4948	2.24	77575	3 2 .		
39	37.39	5361	2.09	77400	3 5 .		
37	39.42	5652	1.83	80841	4 0 .		
34	42.71	6124	1.7	80835	4 5 .		
29	51.27	7352	1.15	78214	5 0 .		
25	57.52	8247	1.07	77697	5 6 .		
25	58.57	8398	1.15	80770	6 3 .		
22	65.7	9421	1.07	80705	7 1 .		
35	41.36	5931	1.72	80900	M 1 4 3 0 4 0 . _ M _ - _ _ 22 . 4 A _	546	180L
30	48.21	6914	1.67	80900	4 5 .		
27	54.75	7850	1.47	80900	5 0 .		
25	59.46	8526	1.29	80628	5 6 .		
22	65.55	9399	1.19	80757	6 3 .		
19	78.7	11285	1.02	80800	7 1 .		
17	86.76	12442	0.93	80800	8 0		
16	94.35	13530	0.86	80700	9 0 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

22.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
856	1.48	320	2.38	15248	M 0 9 2 0 1 . 4 _ M _ - _ _ 2 2 . 6 A _	269	200L
476	2.04	441	2.38	16755	1 . 8		
425	2.28	494	2.24	17291	2 . 2		
379	2.56	554	2	17826	2 . 5		
327	2.97	643	2.38	18225	2 . 8		
294	3.3	715	1.55	18168	3 . 2		
263	3.69	798	1.39	18340	3 . 6		
237	4.09	885	2.1	18804	4 . 0		
212	4.58	992	1.96	19040	4 . 5		
191	5.07	1098	1.85	19411	5 . 0		
171	5.69	1231	1.72	19662	5 . 6		
148	6.53	1435	1.55	19735	6 . 3		
131	7.4	1603	1.42	19104	7 . 1		
118	8.22	1781	1.34	19117	8 . 0		
106	9.19	1990	1.24	17264	9 . 0		
94	10.27	2223	1.15	15308	1 0 .		
83	11.71	2535	1.05	13727	1 1 .		
76	12.74	2759	1	13934	1 2 .		
67	14.53	3145	0.92	15200	1 4 .		
673	1.44	312	2.38	20548	M 1 0 2 0 1 . 4 _ M _ - _ _ 2 2 . 6 A _	317	200L
481	2.01	436	2.38	22820	1 . 8		
443	2.19	474	2.38	23420	2 . 2		
390	2.49	539	2.38	24355	2 . 5		
324	2.99	647	2.38	25591	2 . 8		
288	3.24	702	2.29	25833	3 . 2		
277	3.5	758	2.12	25833	3 . 6		
232	4.18	905	2.38	26568	4 . 0		
213	4.55	984	2.38	26804	4 . 5		
196	4.94	1069	2.38	27140	5 . 0		
181	5.37	1163	2.38	27511	5 . 6		
144	6.72	1456	2.38	28388	6 . 3		
134	7.26	1572	2.38	28660	7 . 1		
122	7.95	1720	2.25	29131	8 . 0		
113	8.58	1857	2.14	29402	9 . 0		
92	10.59	2292	1.69	30065	1 0 .		
81	11.98	2595	1.49	30464	1 1 .		
76	12.51	2709	1.67	30700	1 2 .		
68	14.16	3066	1.48	29953	1 4 .		
59	16.43	3557	1.09	27889	1 6 .		
53	18.25	3953	0.98	25819	1 8 .		
50	19.41	4203	1.08	27049	2 0 .		
45	21.57	4671	0.97	25600	2 2 .		
334	2.9	629	2.85	44384	M 1 3 2 0 2 . 8 _ M _ - _ _ 2 2 . 6 A _	392	200L
304	3.19	690	2.85	44841	3 . 2		
267	3.64	787	2.85	45577	3 . 6		
241	4.03	871	2.85	46091	4 . 0		
219	4.42	957	2.85	46626	4 . 5		
192	5.04	1092	2.85	47419	5 . 0		
175	5.54	1199	2.85	48047	5 . 6		
156	6.21	1344	2.85	48703	6 . 3		
141	6.88	1489	2.85	49402	7 . 1		
125	7.78	1684	2.85	50223	8 . 0		
113	8.62	1866	2.85	50858	9 . 0		
98	9.89	2142	2.85	51471	1 0 .		
87	11.2	2425	2.51	52048	1 1 .		
78	12.39	2683	2.44	52840	1 2 .		
69	14.03	3038	2.14	53066	1 4 .		
61	15.97	3458	1.85	56859	1 6 .		
54	18	3898	1.64	58270	1 8 .		
46	20	4332	1.52	59558	2 0 .		
43	22.55	4883	1.35	60576	2 2 .		
38	25.45	5512	1.17	60505	2 5 .		
34	28.35	6140	1.05	60505	2 8 .		
30	31.89	6906	0.96	60761	3 2 .		
27	35.52	7681	0.86	60475	3 6		
73	13.32	2885	3.68	71649	M 1 4 2 0 1 2 . _ M _ - _ _ 2 2 . 6 A _	502	200L
64	15.13	3276	3.27	72619	1 4 .		
59	16.43	3558	3.2	74083	1 6 .		
54	18.11	3922	2.93	75686	1 8 .		
45	21.75	4709	2.33	75078	2 0 .		
40	23.87	5192	2.15	74562	2 2 .		
37	25.07	5446	1.94	74262	2 5 .		
34	28.25	6117	1.69	77023	2 8 .		
28	34.51	7474	1.48	74885	3 2 .		
26	37.39	8097	1.39	74153	3 6 .		
25	39.42	8537	1.24	80706	4 0 .		
23	42.71	9250	1.14	80868	4 5 .		
23	41.36	8957	1.22	80835	M 1 4 3 0 4 0 . _ M _ - _ _ 2 2 . 6 A _	547	200L
20	48.21	10442	1.11	80771	4 5 .		
18	54.75	11857	0.97	80642	5 0 .		
16	59.46	12877	0.9	80540	5 8 .		
15	65.55	14196	0.82	80468	6 3 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

30.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
994	1.48	288	2.64	13208	M 0 9 2 0 1 . 4 _ M _ - _ _ 3 0 . 4 A _	292	200L
722	2.04	396	2.58	14541	1 . 8		
644	2.28	444	2.48	15065	2 . 2		
574	2.56	499	2.22	15573	2 . 5		
495	2.97	578	2.49	16429	2 . 8		
445	3.3	643	1.72	15705	3 . 2		
399	3.69	718	1.54	17250	3 . 6		
360	4.09	796	2.06	17650	4 . 0		
321	4.58	892	1.93	17838	4 . 5		
290	5.07	988	1.81	18062	5 . 0		
259	5.69	1108	1.69	17891	5 . 6		
222	6.63	1291	1.52	16726	6 . 3		
199	7.4	1442	1.4	16232	7 . 1		
179	8.22	1602	1.31	16241	8 . 0		
160	9.19	1790	1.22	15523	9 . 0		
143	10.27	2000	1.13	15015	1 0 .		
126	11.71	2281	1.03	19615	1 1 .		
115	12.74	2482	0.98	15300	1 2 .		
1018	1.44	261	2.64	17908	M 1 0 2 0 1 . 4 _ M _ - _ _ 3 0 . 4 A _	340	200L
730	2.01	392	2.64	19897	1 . 8		
671	2.19	427	2.64	20397	2 . 2		
591	2.49	485	2.64	21185	2 . 5		
491	2.99	583	2.64	22585	2 . 8		
453	3.24	631	2.49	22917	3 . 2		
420	3.5	682	2.34	23481	3 . 6		
352	4.18	814	2.64	24961	4 . 0		
323	4.55	885	2.64	25250	4 . 5		
298	4.94	962	2.64	25494	5 . 0		
274	5.37	1046	2.64	25738	5 . 6		
219	6.72	1310	2.48	26202	6 . 3		
202	7.26	1414	2.34	26391	7 . 1		
185	7.95	1548	2.21	26779	8 . 0		
171	8.58	1671	2.11	27067	9 . 0		
139	10.59	2063	1.83	27820	1 0 .		
123	11.96	2335	1.66	27314	1 1 .		
118	12.51	2437	1.84	27502	1 2 .		
104	14.16	2759	1.51	26482	1 4 .		
89	16.43	3201	1.21	26670	1 6 .		
81	18.25	3557	1.09	24993	1 8 .		
75	19.41	3782	1.2	29200	2 0 .		
68	21.57	4203	1.08	27500	2 2 .		
506	2.9	565	3.17	39167	M 1 3 2 0 2 . 8 _ M _ - _ _ 3 0 . 4 A _	415	200L
461	3.19	621	3.17	40218	3 . 2		
404	3.64	709	3.17	41770	3 . 6		
365	4.03	784	3.17	42998	4 . 0		
333	4.42	861	3.17	44126	4 . 5		
292	5.04	982	3.17	44830	5 . 0		
265	5.54	1079	3.17	45258	5 . 6		
237	6.21	1210	3.17	45741	6 . 3		
214	6.88	1340	3.17	46101	7 . 1		
189	7.78	1516	3.17	46764	8 . 0		
171	8.62	1679	3.17	47296	9 . 0		
149	9.89	1927	3.17	47918	1 0 .		
131	11.2	2182	2.79	48513	1 1 .		
119	12.39	2414	2.71	49153	1 2 .		
105	14.03	2734	2.38	49603	1 4 .		
92	15.97	3112	2.05	51707	1 6 .		
82	18	3507	1.82	51868	1 8 .		
73	20	3898	1.69	52269	2 0 .		
65	22.55	4394	1.5	52879	2 2 .		
58	25.45	4960	1.29	53126	2 5 .		
52	28.35	5524	1.18	54972	2 8 .		
46	31.89	6214	1.06	55914	3 2 .		
41	35.52	6921	0.96	58200	3 6 .		
38	39.01	7602	0.89	58700	4 0 .		
97	15.13	2948	3.65	67762	M 1 4 2 0 1 4 . M - 3 0 . 4 A	525	200L
89	16.43	3201	3.14	68813	1 6 .		
81	18.11	3529	2.94	69412	1 8 .		
68	21.75	4237	2.59	69768	2 0 .		
61	23.97	4672	2.39	71156	2 2 .		
56	26.07	5080	2.11	72958	2 5 .		
52	28.25	5504	1.88	75868	2 8 .		
43	34.51	6725	1.65	75158	3 2 .		
39	37.39	7286	1.54	74854	3 6 .		
37	39.42	7682	1.35	80452	4 0 .		
34	42.71	8323	1.25	80788	4 5 .		
29	51.27	9992	0.85	76261	5 0 .		
25	58.57	11414	0.85	80676	6 3 .		
38	41.36	8060	1.27	80900	M 1 4 3 0 4 0 . _ M _ - _ _ 3 0 . 4 A _	570	200L
30	48.21	9396	1.23	80900	4 5 .		
27	54.75	10669	1.08	80900	5 0 .		
25	59.48	11586	0.95	80800	5 6 .		
22	65.55	12774	0.88	80700	6 3 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

30.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
659	1.48	434	1.75	15000	M 0 8 2 0 1. 4 _ M _ - _ _ 3 0 . 0 A _	354	225M
479	2.04	598	1.75	18400	1 . 8		
427	2.28	670	1.65	18900	2 . 2		
381	2.56	752	1.47	17400	2 . 5		
328	2.97	872	1.75	17800	2 . 8		
295	3.3	970	1.14	17600	3 . 2		
264	3.69	1083	1.02	17700	3 . 6		
239	4.09	1201	1.55	18200	4 . 0		
213	4.58	1345	1.44	18400	4 . 5		
192	5.07	1490	1.36	18700	5 . 0		
171	5.69	1670	1.27	18900	5 . 6		
147	6.63	1947	1.14	17100	6 . 3		
132	7.4	2175	1.05	15900	7 . 1		
119	8.22	2416	0.99	15700	8 . 0		
106	9.19	2699	0.92	14100	9 . 0		
95	10.27	3016	0.85	10900	1 0 .		
676	1.44	423	1.75	20300	M 1 0 2 0 1. 4 _ M _ - _ _ 3 0 . 0 A _	402	225M
484	2.01	592	1.75	22500	1 . 8		
445	2.19	643	1.75	23100	2 . 2		
392	2.49	731	1.75	24000	2 . 5		
326	2.99	879	1.75	25200	2 . 8		
301	3.24	952	1.69	25100	3 . 2		
279	3.5	1028	1.56	25300	3 . 6		
233	4.18	1227	1.75	26000	4 . 0		
215	4.55	1335	1.75	26200	4 . 5		
197	4.94	1450	1.75	26500	5 . 0		
182	5.37	1577	1.75	25800	5 . 6		
145	6.72	1975	1.75	27500	6 . 3		
134	7.26	2133	1.75	27700	7 . 1		
123	7.95	2334	1.68	28100	8 . 0		
114	8.58	2520	1.59	28300	9 . 0		
92	10.59	3110	1.25	28700	1 0 .		
81	11.98	3521	1.1	28900	1 1 .		
76	12.51	3675	1.23	29100	1 2 .		
69	14.16	4160	1.09	27500	1 4 .		
59	16.43	4826	0.8	24100	1 6 .		
336	2.9	853	2.1	44100	M 1 3 2 0 2. 8 _ M _ - _ _ 3 0 . 0 A _	477	225M
306	3.19	936	2.1	44533	3 . 2		
268	3.64	1069	2.1	45233	3 . 6		
242	4.03	1182	2.1	45700	4 . 0		
221	4.42	1299	2.1	46200	4 . 5		
193	5.04	1481	2.1	46933	5 . 0		
176	5.54	1627	2.1	47465	5 . 6		
157	6.21	1824	2.1	47933	6 . 3		
142	6.88	2021	2.1	48465	7 . 1		
125	7.78	2285	2.1	49133	8 . 0		
113	8.62	2532	2.1	49566	9 . 0		
98	9.89	2906	2.1	49800	1 0 .		
87	11.2	3290	1.85	50033	1 1 .		
78	12.39	3640	1.6	50400	1 2 .		
69	14.03	4122	1.57	50400	1 4 .		
61	15.87	4662	1.36	55300	1 6 .		
54	18	5288	1.21	58400	1 8 .		
49	20	5877	1.12	57400	2 0 .		
43	22.55	6625	0.99	57900	2 2 .		
38	25.45	7479	0.86	57800	2 5 .		
336	2.89	848	3.07	58933	M 1 4 2 0 2. 8 _ M _ - _ _ 3 0 . 0 A _	587	225M
300	3.25	953	3.07	58433	3 . 2		
255	3.82	1123	3.07	59800	3 . 6		
242	4.03	1183	3.07	59966	4 . 0		
215	4.54	1332	3.07	60865	4 . 5		
183	5.33	1567	3.07	62033	5 . 0		
162	6	1764	3.07	63200	5 . 6		
149	6.55	1923	3.07	64200	6 . 3		
134	7.27	2136	3.07	65333	7 . 1		
112	8.67	2545	3.07	67065	8 . 0		
101	9.82	2827	3.07	68133	9 . 0		
97	10.06	2957	3.07	68700	1 0 .		
85	11.43	3357	3.07	69768	1 1 .		
73	13.32	3914	2.72	69968	1 2 .		
64	15.13	4444	2.41	70533	1 4 .		
59	16.43	4827	2.36	72033	1 6 .		
54	18.11	5321	2.16	73265	1 8 .		
45	21.75	6389	1.72	71888	2 0 .		
41	23.97	7044	1.58	71065	2 2 .		
37	26.07	7660	1.43	70600	2 5 .		
35	28.25	8299	1.25	74894	2 8 .		
28	34.51	10138	1.09	71568	3 2 .		
26	37.29	10985	1.02	70431	3 6 .		
25	39.42	11582	0.91	80600	4 0 .		
23	42.71	12548	0.84	80540	4 5 .		
24	41.36	12152	0.9	80800	M 1 4 3 0 4 0 . _ M _ - _ _ 3 0 . 0 A _	632	225M
20	48.21	14166	0.82	80700	4 5 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

37.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
997	1.48	354	2.15	13064	M 0 9 2 0 1 . 4 _ M _ - _ _ 3 7 . 4 A _	345	225S
724	2.04	487	2.09	14335	1 . 8		
648	2.28	546	2.02	14858	2 . 2		
576	2.56	613	1.81	15305	2 . 5		
497	2.97	711	2.03	16182	2 . 8		
447	3.3	790	1.4	16376	3 . 2		
400	3.69	883	1.26	16900	3 . 6		
361	4.09	979	1.66	17300	4 . 0		
322	4.58	1097	1.57	17447	4 . 5		
281	5.07	1215	1.48	17670	5 . 0		
259	5.69	1362	1.37	17335	5 . 6		
223	6.63	1587	1.24	15594	6 . 3		
199	7.4	1773	1.14	14770	7 . 1		
179	8.22	1970	1.07	14635	8 . 0		
161	9.19	2200	1	13505	9 . 0		
144	10.27	2459	0.92	12700	1 0 .		
126	11.71	2803	0.84	10600	1 1 .		
1023	1.44	345	2.15	17764	M 1 0 2 0 1 . 4 M - 3 7 . 4 A	393	225S
732	2.01	482	2.15	19711	1 . 8		
673	2.19	524	2.15	20211	2 . 2		
583	2.49	596	2.15	20958	2 . 5		
493	2.99	716	2.15	22358	2 . 8		
455	3.24	776	2.02	22829	3 . 2		
421	3.5	838	1.81	23152	3 . 6		
353	4.18	1001	2.15	24852	4 . 0		
325	4.55	1088	2.15	24900	4 . 5		
289	4.94	1182	2.15	25123	5 . 0		
275	5.37	1286	2.15	25347	5 . 6		
219	6.72	1610	2	25688	6 . 3		
203	7.26	1739	1.81	25835	7 . 1		
188	7.95	1903	1.8	26162	8 . 0		
172	8.58	2054	1.72	26429	9 . 0		
139	10.59	2535	1.49	26817	1 0 .		
123	11.98	2870	1.35	26741	1 1 .		
116	12.51	2996	1.34	26268	1 2 .		
104	14.16	3392	1.23	24870	1 4 .		
90	16.43	3934	0.99	24900	1 6 .		
81	18.25	4372	0.89	22600	1 8 .		
508	2.9	695	2.58	39007	M 1 3 2 0 2 . 8 M - _ 3 7 . 4 A _	468	225S
463	3.19	763	2.58	40041	3 . 2		
405	3.64	871	2.58	41575	3 . 6		
366	4.03	964	2.58	42777	4 . 0		
334	4.42	1059	2.58	43878	4 . 5		
283	5.04	1207	2.58	44545	5 . 0		
268	5.54	1326	2.58	44948	5 . 6		
238	6.21	1487	2.58	45351	6 . 3		
214	6.88	1647	2.58	45822	7 . 1		
190	7.78	1863	2.58	46226	8 . 0		
171	8.62	2064	2.58	46631	9 . 0		
149	9.89	2369	2.58	47041	1 0 .		
132	11.2	2682	2.27	47450	1 1 .		
119	12.39	2968	2.21	47956	1 2 .		
105	14.03	3360	1.93	48168	1 4 .		
92	15.97	3825	1.67	50877	1 6 .		
82	18	4311	1.48	50576	1 8 .		
74	20	4791	1.37	50800	2 0 .		
65	22.55	5401	1.22	50962	2 2 .		
58	25.45	6097	1.05	50967	2 5 .		
52	28.35	6791	0.95	52800	2 8 .		
46	31.89	7638	0.86	53400	3 2 .		
511	2.89	691	3.77	50373	M 1 4 2 0 2 . 8 _ M _ - _ _ 3 7 . 4 A _	578	225S
454	3.25	777	3.77	52107	3 . 2		
386	3.82	915	3.77	54606	3 . 6		
366	4.03	965	3.77	55408	4 . 0		
325	4.54	1086	3.77	57310	4 . 5		
277	5.33	1277	3.77	58745	5 . 0		
248	6	1438	3.77	59813	5 . 6		
225	6.55	1568	3.77	60248	6 . 3		
203	7.27	1741	3.77	60916	7 . 1		
170	8.67	2076	3.77	62353	8 . 0		
153	9.62	2305	3.77	63368	9 . 0		
147	10.06	2410	3.71	63922	1 0 .		
129	11.43	2737	3.38	65192	1 1 .		
111	13.32	3191	3.33	66005	1 2 .		
98	15.13	3623	2.97	66716	1 4 .		
90	16.43	3935	2.56	67750	1 6 .		
81	18.11	4338	2.39	68127	1 8 .		
68	21.75	5208	2.11	67794	2 0 .		
62	23.97	5742	1.94	68167	2 2 .		
57	26.07	6245	1.72	70987	2 5 .		
52	28.25	6766	1.53	74309	2 8 .		
43	34.51	8266	1.34	73040	3 2 .		
39	37.39	8956	1.25	72627	3 6 .		
37	39.42	9442	1,1	80268	4 0 .		
35	42.71	10230	1.02	80747	4 5 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

37.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
336	2.9	1052	1.7	43851	M 1 3 2 0 2 . 8 _ M _ - _ _ 3 7 . 0 A _	568	250M
306	3.19	1155	1.7	44263	3 . 2		
268	3.64	1318	1.7	44932	3 . 6		
242	4.03	1458	1.7	45357	4 . 0		
221	4.42	1602	1.7	45826	4 . 5		
193	5.04	1827	1.7	46508	5 . 0		
176	5.54	2007	1.7	46958	5 . 6		
157	6.21	2250	1.7	47259	6 . 3		
142	6.88	2492	1.7	47847	7 . 1		
125	7.78	2819	1.7	48179	8 . 0		
113	8.62	3123	1.7	48436	9 . 0		
99	9.89	3584	1.7	48337	1 0 .		
87	11.2	4058	1.5	48270	1 1 .		
79	12.39	4490	1.46	48440	1 2 .		
69	14.03	5084	1.28	48065	1 4 .		
336	2.69	1046	2.49	56725	M 1 4 2 0 2 . 8 _ M _ - _ _ 3 7 . 0 A _	676	250M
300	3.25	1176	2.49	58194	3 . 2		
255	3.82	1385	2.49	59320	3 . 6		
242	4.03	1460	2.49	59676	4 . 0		
215	4.54	1644	2.49	60545	4 . 5		
183	5.33	1932	2.49	61639	5 . 0		
162	6	2176	2.49	62764	5 . 6		
149	6.55	2372	2.49	63733	6 . 3		
134	7.27	2634	2.49	64814	7 . 1		
112	8.67	3140	2.49	66434	8 . 0		
101	9.62	3487	2.49	67397	9 . 0		
97	10.06	3647	2.49	67984	1 0 .		
85	11.43	4141	2.49	68854	1 1 .		
73	13.32	4827	2.2	68494	1 2 .		
64	15.13	5481	1.96	68706	1 4 .		
58	16.43	5953	1.91	70239	1 6 .		
54	18.11	6563	1.75	71140	1 8 .		
45	21.75	7880	1.39	69056	2 0 .		
41	23.97	8687	1.28	68007	2 2 .		
37	26.07	9447	1.16	67395	2 5 .		
35	28.25	10236	1.01	73012	2 8 .		
28	34.51	12505	0.89	68665	3 2 .		
26	37.39	13548	0.83	67174	3 8 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

45.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
997	1.48	430	1.77	12900	M 0 9 2 0 1. 4 M - 4 5 . 4 A	383	225M
724	2.04	593	1.72	14100	1 . 6		
648	2.28	664	1.66	14800	2 . 2		
576	2.56	746	1.49	15000	2 . 5		
497	2.97	865	1.87	15900	2 . 8		
447	3.3	961	1.15	16000	3 . 2		
400	3.69	1074	1.03	16500	3 . 6		
361	4.09	1190	1.38	16900	4 . 0		
322	4.58	1334	1.29	17000	4 . 5		
291	5.07	1477	1.21	17200	5 . 0		
259	5.69	1656	1.13	16700	5 . 6		
223	6.63	1930	1.02	14300	6 . 3		
199	7.4	2157	0.94	13100	7 . 1		
179	8.22	2396	0.88	12800	8 . 0		
161	9.19	2678	0.82	11200	9 . 0		
1023	1.44	420	1.77	17600	M 1 0 2 0 1. 4 _ M _ - _ _ 4 5 . 4 A _	411	225M
732	2.01	586	1.77	19500	1 . 8		
673	2.19	638	1.77	20000	2 . 2		
593	2.49	725	1.77	20700	2 . 5		
493	2.99	871	1.77	22100	2 . 8		
455	3.24	944	1.66	22300	3 . 2		
421	3 5	1019	1.57	22800	3 . 6		
353	4.18	1217	1.77	24300	4 . 0		
325	4.55	1324	1.77	24500	4 . 5		
299	4.94	1438	1.77	24700	5 . 0		
275	5.37	1564	1.77	24900	5 . 6		
219	6.72	1959	1.65	25100	6 . 3		
203	7.26	2115	1.57	25200	7 . 1		
186	7.95	2314	1.48	25500	8 . 0		
172	8.58	2499	1.41	25700	9 . 0		
139	10.69	3084	1.23	25900	1 0 .		
123	11.98	3491	1,11	24800	1 1 .		
118	12.51	3644	1.1	24900	1 2 .		
104	14.16	4125	1,01	22600	1 4 .		
508	2.9	846	2.12	38825	M 1 3 2 0 2. 8 _ M _ - _ _ 4 5 . 4 A _	486	225M
463	3.19	929	2.12	39839	3 . 2		
405	3.64	1059	2.12	41353	3 . 6		
366	4.03	1172	2.12	42524	4 . 0		
334	4.42	1288	2.12	43584	4 . 5		
293	5.04	1466	2.12	44222	5 . 0		
266	5 54	1613	2.12	44593	5 . 6		
238	6.21	1809	2.12	44906	6 . 3		
214	6 88	2004	2.12	45075	7 . 1		
190	7.78	2268	2.12	45568	8 . 0		
171	8.62	2510	2.12	45872	9 . 0		
149	9.89	2881	2.12	46039	1 0 .		
132	11.2	3262	1.87	46235	1 1 .		
119	12.39	3610	1.82	46569	1 2 .		
105	14.03	4087	1.59	45527	1 4 .		
92	15.97	4652	1.37	49500	1 6 .		
82	18	5244	1.22	49100	1 8 .		
74	20	5828	1.13	49100	2 0 .		
65	22 55	6569	1	49000	2 2 .		
58	25.45	7415	0.87	48500	2 5 .		
511	2.89	841	3.1	50211	M 1 4 2 0 2. 8 _ M _ - _ _ 4 5 . 4 A _	598	225M
454	3.25	945	3.1	51925	3 . 2		
388	3.82	1113	3.1	54396	3 . 6		
368	4.03	1173	3.1	55196	4 . 0		
325	4.54	1321	3.1	57067	4 . 5		
277	5.33	1553	3.1	58451	5 . 0		
246	6	1749	3.1	59279	5 . 6		
225	6.55	1907	3.1	59893	6 . 3		
203	7.27	2118	3.1	60521	7 . 1		
170	8.67	2524	3.1	61877	8 . 0		
153	9.62	2803	3.1	62862	9 . 0		
147	10.06	2932	3.05	63375	1 0 .		
129	11.43	3329	2.78	64574	1 1 .		
111	13.32	3881	2.74	65083	1 2 .		
98	15.13	4407	2.44	65521	1 4 .		
90	16.43	4786	2.1	66535	1 6 .		
81	18.11	5276	1.97	66659	1 8 .		
68	21.75	6335	1.73	65516	2 0 .		
62	23.97	6984	1.6	66937	2 2 .		
57	25.07	7595	1.41	68737	2 5 .		
52	28.25	8229	1.26	72527	2 8 .		
43	34 51	10053	1,1	70622	3 2 .		
39	37.39	10892	1.03	70081	3 6 .		
37	39.42	11484	0.9	60100	4 0 .		
35	42.71	12442	0.84	60700	4 5 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

45.0 kW

6 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
337	2.9	1273	1.41	43566	M 1 3 2 D 2 . 8 M - 4 5 . 6 A	624	280S
307	3.19	1398	1.41	43955	3 . 2		
289	3.64	1595	1.41	44588	3 . 6		
243	4.03	1764	1.41	44966	4 . 0		
222	4.42	1938	1.41	45400	4 . 5		
194	5.04	2210	1.41	46022	5 . 0		
177	5.54	2426	1.41	46377	5 . 6		
158	6.21	2722	1.41	46488	6 . 3		
142	6.88	3016	1.41	46711	7 . 1		
126	7.78	3411	1.41	47088	8 . 0		
114	8.62	3778	1.41	47144	9 . 0		
98	9.89	4337	1.41	45668	1 0 .		
88	11.2	4911	1.24	46255	1 1 .		
78	12.39	5433	1.21	46200	1 2 .		
70	14.03	6152	1.05	45400	1 4 .		
338	2.89	1266	2.06	56468	M 1 4 2 D 2 . 8 _ M _ - _ _ 4 5 . 6 A _	734	280S
302	3.25	1423	2.06	57922	3 . 2		
256	3.82	1675	2.06	59000	3 . 6		
243	4.03	1766	2.06	59344	4 . 0		
218	4.54	1989	2.06	60177	4 . 5		
184	5.33	2338	2.06	61188	5 . 0		
163	6	2633	2.06	62266	5 . 6		
150	6.55	2871	2.06	63200	6 . 3		
135	7.27	3187	2.06	64222	7 . 1		
113	8.67	3800	2.06	65711	8 . 0		
102	9.52	4219	2.06	66555	9 . 0		
97	10.06	4413	2.06	67166	1 0 .		
86	11.43	5011	2.06	67811	1 1 .		
74	13.32	5841	1.82	66811	1 2 .		
65	15.13	6633	1.62	65622	1 4 .		
60	16.43	7203	1.58	68188	1 6 .		
54	18.11	7942	1.45	68711	1 8 .		
45	21.75	9535	1.15	65844	2 0 .		
41	23.97	10512	1.06	64511	2 2 .		
36	26.07	11432	0.96	63733	2 5 .		
35	28.25	12385	0.83	70873	2 8 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

55.0 kW

	N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
	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
4 POLE	508	2.9	1034	1.73	38597	M 1 3 2 0 2. 8 _ M _ - _ _ 5 5 . 4 A _	574	250M
	483	3.19	1135	1.73	39586	3 . 2		
	405	3.54	1295	1.73	41074	3 . 6		
	366	4.03	1433	1.73	42207	4 . 0		
	334	4.42	1574	1.73	43240	4 . 5		
	293	5.04	1795	1.73	43817	5 . 0		
	266	5.54	1972	1.73	44150	5 . 6		
	238	6.21	2211	1.73	44349	6 . 3		
	214	6.88	2449	1.73	44392	7 . 1		
	190	7.78	2769	1.73	44791	8 . 0		
	171	8.62	3068	1.73	44922	9 . 0		
	149	9.89	3522	1.73	44786	10 .		
	132	11.2	3968	1.53	44715	11 .		
	118	12.39	4412	1.49	44881	12 .		
	105	14.03	4996	1.3	44477	14 .		
	511	2.89	1028	2.53	50006	M 1 4 2 0 2. 8 _ M _ - _ _ 5 5 . 4 A _	684	250M
	454	3.25	1158	2.53	51697	3 . 2		
	388	3.82	1360	2.53	54130	3 . 6		
	366	4.03	1434	2.53	54930	4 . 0		
	325	4.54	1615	2.53	56763	4 . 5		
	277	5.33	1899	2.53	58064	5 . 0		
	246	6	2138	2.53	58862	5 . 6		
	225	6.55	2331	2.53	59450	6 . 3		
	203	7.27	2588	2.53	60027	7 . 1		
	170	8.67	3085	2.53	61282	8 . 0		
	153	9.62	3426	2.53	62203	9 . 0		
	147	10.06	3583	2.5	62892	10 .		
	129	11.43	4069	2.27	63802	11 .		
	111	13.32	4743	2.24	63931	12 .		
	99	15.13	5386	2	64027	14 .		
	90	16.43	5849	1.72	65016	16 .		
	81	18.11	6448	1.61	64824	18 .		
	68	21.75	7743	1.42	62868	20 .		
	62	23.97	8536	1.31	64125	22 .		
	57	26.07	9283	1.16	65925	25 .		
	52	28.25	10057	1.03	70300	28 .		
	43	34.61	12287	0.9	67800	32 .		
	39	37.39	13313	0.84	66900	36 .		
6 POLE	337	2.9	1558	1.15	43211	M 1 3 2 0 2. 8 M - 5 5 . 6 A	663	280M
	307	3.19	1709	1.15	43570	3 . 2		
	268	3.64	1948	1.15	44159	3 . 6		
	243	4.03	2157	1.15	44477	4 . 0		
	222	4.42	2369	1.15	44865	4 . 5		
	194	5.04	2702	1.15	45414	5 . 0		
	177	5.54	2968	1.15	45551	5 . 6		
	158	6.21	3327	1.15	45525	6 . 3		
	142	6.88	3686	1.15	45540	7 . 1		
	126	7.78	4168	1.15	45725	8 . 0		
	114	8.62	4618	1.15	45529	9 . 0		
	99	9.89	5301	1.15	44577	10 .		
	88	11.2	6002	1.02	43737	11 .		
	79	12.39	6640	0.99	43400	12 .		
	70	14.03	7519	0.88	42068	14 .		
	339	2.89	1547	1.68	55192	M 1 4 2 0 2. 8 _ M _ - _ _ 5 5 . 6 A _	773	280M
	302	3.25	1740	1.68	57581	3 . 2		
	256	3.82	2046	1.68	58600	3 . 6		
	243	4.03	2159	1.68	58929	4 . 0		
	216	4.54	2431	1.68	59718	4 . 5		
	184	5.33	2858	1.68	60825	5 . 0		
	163	6	3218	1.68	61644	5 . 6		
	150	6.55	3509	1.68	62533	6 . 3		
	135	7.27	3896	1.68	63481	7 . 1		
	113	8.67	4644	1.68	64807	8 . 0		
	102	9.62	5157	1.68	65503	9 . 0		
	97	10.06	5394	1.68	66144	10 .		
	86	11.43	6124	1.58	66507	11 .		
	74	13.32	7139	1.49	64707	12 .		
	65	15.13	8107	1.32	64014	14 .		
	60	16.43	8804	1.29	65825	16 .		
	54	18.11	9706	1.18	65874	18 .		
	45	21.75	11654	0.94	61829	20 .		
	41	23.97	12848	0.87	60140	22 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

75.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
510	2.9	1405	1.28	38141	M 1 3 2 0 2. 8 _ M _ - _ _ 7 5 . 4 A _	672	280S
484	3.19	1543	1.28	39079	3 . 2		
407	3.64	1760	1.28	40517	3 . 6		
366	4.03	1947	1.28	41574	4 . 0		
335	4.42	2139	1.28	42531	4 . 5		
294	5.04	2440	1.28	43907	5 . 0		
267	5.54	2680	1.28	43264	5 . 6		
239	6.21	3004	1.28	43235	6 . 3		
215	6.86	3329	1.28	43025	7 . 1		
190	7.78	3764	1.28	43196	8 . 0		
172	8.62	4170	1.28	43024	9 . 0		
150	9.89	4786	1.28	42279	1 0 .		
132	11 2	5419	1.13	41678	1 1 .		
118	12.39	5996	1.09	41463	1 2 .		
105	14.03	6789	0.96	40375	1 4 .		
513	2.89	1397	1.86	49803	M 1 4 2 0 2. 8 _ M _ - _ _ 7 5 . 4 A _	782	280S
456	3.25	1571	1.86	51241	3 . 2		
387	3.82	1849	1.86	53598	3 . 6		
367	4.03	1949	1.86	54396	4 . 0		
328	4.54	2195	1.86	56155	4 . 5		
278	5.33	2580	1.86	57360	5 . 0		
246	6	2905	1.86	58026	5 . 6		
226	6.55	3168	1.86	58564	6 . 3		
204	7 27	3518	1.86	59040	7 . 1		
171	8.67	4193	1.86	60092	8 . 0		
154	9.62	4656	1.86	60687	9 . 0		
147	10.06	4870	1.84	61325	1 0 .		
130	11.43	5530	1.67	62258	1 1 .		
111	13.32	6446	1.55	61627	1 2 .		
98	15.13	7320	1.47	61040	1 4 .		
90	16.43	7950	1.27	61978	1 6 .		
82	18.11	8764	1.19	61153	1 8 .		
68	21.75	10522	1.04	58972	2 0 .		
62	23.97	11601	0.96	58500	2 2 .		
57	26.07	12618	0.85	60300	2 5 .		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

90.0 kW

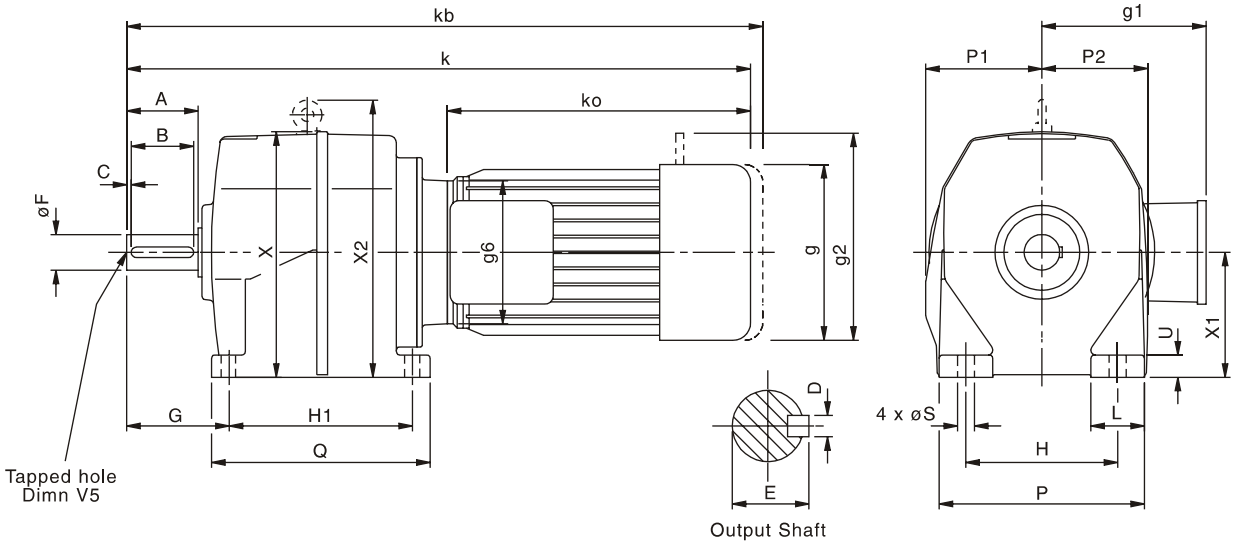
4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	UNIT DESIGNATION	Kg	
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
510	2.9	1888	1.08	37800	M 1 3 2 0 2. 8 M - 90. 4 A	737	280M
464	3.19	1851	1.06	38700	3. 2		
407	3.64	2112	1.06	40100	3. 6		
368	4.03	2337	1.06	41100	4. 0		
335	4.42	2567	1.06	42000	4. 5		
294	5.04	2928	1.06	42400	5. 0		
267	5.54	3216	1.06	42500	5. 6		
238	6.21	3605	1.06	42400	6. 3		
215	6.88	3994	1.06	42000	7. 1		
190	7.78	4517	1.06	42000	8. 0		
172	8.62	5004	1.06	41600	9. 0		
150	9.88	5743	1.06	40400	10.		
132	11.2	6503	0.94	39400	11.		
119	12.39	7195	0.91	38900	12.		
513	2.89	1676	1.55	49300	M 1 4 2 0 2. 8 _ M _ - _ _ 90. 4 A _	847	280M
456	3.25	1885	1.55	50900	3. 2		
387	3.82	2219	1.55	53200	3. 6		
357	4.03	2339	1.55	54000	4. 0		
326	4.54	2634	1.55	55700	4. 5		
278	5.33	3097	1.55	56800	5. 0		
246	6	3487	1.55	57400	5. 6		
226	6.55	3802	1.55	57900	6. 3		
204	7.27	4221	1.55	58300	7. 1		
171	8.67	5032	1.55	59200	8. 0		
154	9.62	5588	1.55	59900	9. 0		
147	10.06	5844	1.53	60300	10.		
130	11.43	6636	1.39	61100	11.		
111	13.32	7738	1.37	59900	12.		
98	15.13	8784	1.22	58800	14.		
90	16.43	9540	1.05	59700	16.		
82	18.11	10517	0.99	58400	18.		
68	21.75	12627	0.87	52700	20.		

NOTE

Other output speeds are available using 2 and 8 pole motors - Consult Power Build Limited

DIMENSIONS - DOUBLE REDUCTION BASE MOUNT



SIZE	A	B	C	D	E	øF	G	H	H1	L	P	P1	P2	Q	øS	U	V5	X	X1	X2
M0320	40	32	4	6	22.5	20 k6	58	110	85	25	135	78	72	110	10	12	M6 x 1.0 16 deep	147	75	-
M0420	50	40	7	8	28	25 k6	75	110	130	35	145	84	75	160	10	16	M10 x 1.5 22 deep	178	90	-
M0620	60	50	7	8	33	30 k6	90	135	165	55	190	105	98	200	15	20	M10 x 1.5 22 deep	230	115	-
M0720	80	70	5	12	43	40 k6	115	170	205	60	230	130	119	245	19	25	M16 x 2.0 36 deep	275	140	-
M0820	100	80	10	14	53.5	50 k6	140	215	260	75	290	165	147	310	19	35	M16 x 2.0 36 deep	321	180	362
M0920	120	100	10	18	64	60 m6	160	250	310	90	340	200	172	365	23	40	M20 x 2.5 42 deep	394	225	433
M1020	140	110	15	20	74.5	70 m6	185	290	370	110	400	225	203	440	27	45	M20 x 2.5 42 deep	446	250	505
M1320	170	140	15	25	95	90 m6	220	340	410	110	450	242	228	490	34	50	M24 x 3.0 50 deep	483	265	563
M1420	210	180	15	28	106	100 m6	260	380	500	150	530	278	268	590	41	50	M24 x 3.0 50 deep	551	300	630

MOTORS		ALL SIZES					M0320**		M0420**		M0620**		M0720**		M0820		M0920		M1020		M1320		M1420	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	381	423	404	446	455	497	-	-	-	-	-	-	-	-	-	-	-	-
	71	210	137	107	167	160	406	447	433	474	486	527	-	-	-	-	-	-	-	-	-	-	-	-
	80	230	158	118	190	200	445	495	468	518	506	556	579	629	672	722	753	803	-	-	-	-	-	-
	90S/L	270	177	149	218	200	495	554	518	577	555	614	629	688	712	771	793	852	-	-	-	-	-	-
	100/112	340	197	159	238	250	573	641	596	664	669	737	722	790	788	856	869	937	936	1004	1056	1124	1172	1240
	132 S/M	402	253	184	288	300	-	-	-	-	733	804	786	857	850	921	931	1002	998	1069	1118	1189	1234	1305
	160 M/L	538	314	230	*	350	-	-	-	-	-	-	952	*	1016	*	1102	*	1169	*	1248	*	1363	*
	180 M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	1102	*	1169	*	1248	*	1363	*
	180 L	613	354	257	*	350	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1438	*
	200 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1438	*
	225 S/M	690	411	280	*	450	-	-	-	-	-	-	-	-	-	-	1281	*	1348	*	1427	*	1542	*
	250	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1599	*	1714	*
	280 S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1729	*	1844	*

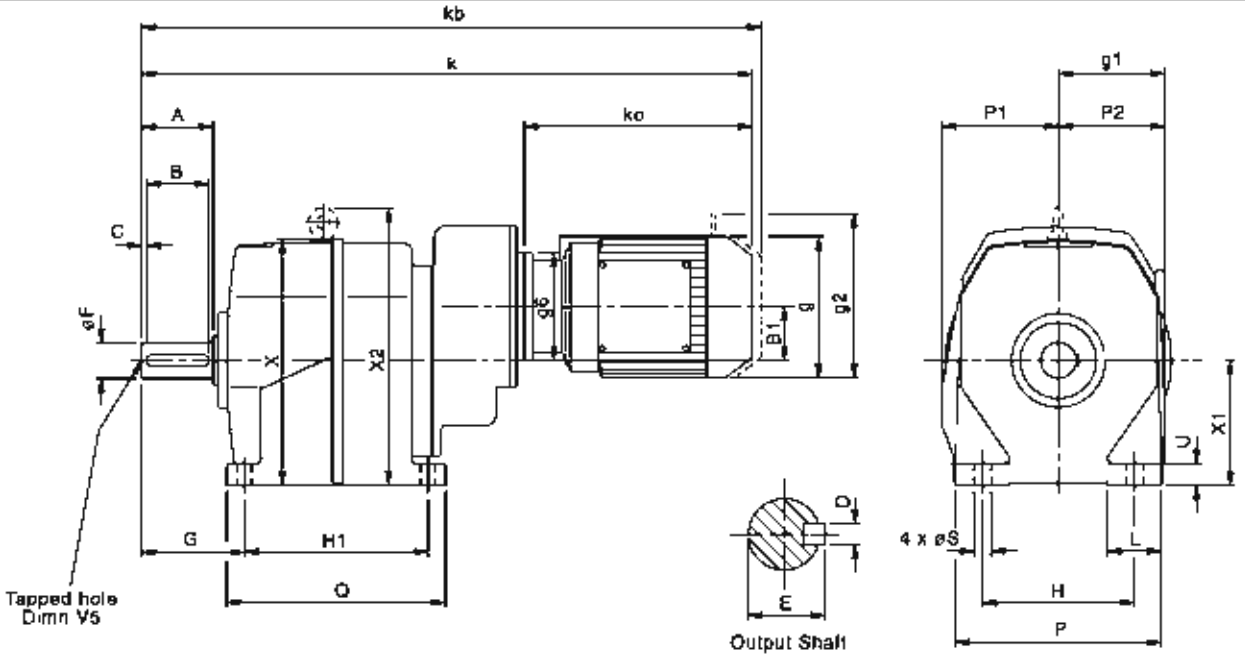
Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors
g2 - hand release if required
g6 - Dimension is shown for B5 D flange motors, please check page 14 for B14 C face motors.

all parallel keys are to DIN 6885

* Consult Power Build Limited.
** Please check dimension g, g2 and g6 as motor may project below the base of the unit especially when using B5 D flange motors

DIMENSIONS - TRIPLE REDUCTION BASE MOUNT



SIZE	A	B	B1	C	D	E	øF	G	H	H1	L	P	P1	P2	Q	øS	U	V5	X	X1	X2
M0330	40	32	36	4	8	22.5	20 k6	58	110	85	25	135	78	72	110	10	12	M8 x 1.0 16 deep	147	75	-
M0430	50	40	36	7	8	28	25 k6	75	110	130	35	145	84	75	160	10	16	M10 x 1.5 22 deep	178	90	-
M0630	60	50	47	7	8	33	30 k6	90	135	165	55	190	105	98	200	15	20	M10 x 1.5 22 deep	230	115	-
M0730	80	70	60	5	12	43	40 k6	115	170	205	60	230	130	119	245	19	25	M16 x 2.0 36 deep	275	140	-
M0830	100	80	0	10	14	53.5	50 k6	140	215	260	75	290	165	147	310	19	35	M16 x 2.0 36 deep	321	180	382
M0930	120	100	0	10	16	64	60 m6	160	250	310	90	340	200	172	365	23	40	M20 x 2.5 42 deep	394	225	433
M1030	140	110	0	15	20	74.5	70 m6	185	290	370	110	400	225	203	440	27	45	M20 x 2.5 42 deep	446	250	505
M1330	170	140	0	15	25	95	90 m6	220	340	410	110	450	242	226	490	34	50	M24 x 3.0 50 deep	483	265	583
M1430	210	160	0	15	28	106	100 m6	260	380	500	150	530	278	268	590	41	50	M24 x 3.0 50 deep	551	300	630

MOTORS		ALL SIZES					M0330		M0430		M0630		M0730		M0830		M0930		M1030		M1330		M1430	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	437	479	460	502	522	564	608	650	-	-	-	-	-	-	-	-	-	-
	71	210	137	107	167	160	462	503	489	530	551	592	639	680	*	*	*	*	*	*	*	*	*	*
	80	230	158	118	190	200	-	-	524	574	586	636	659	709	679	729	779	829	877	927	-	-	-	-
	90S/L	270	177	149	216	200	-	-	-	-	636	695	706	767	729	788	819	878	917	976	-	-	-	-
	100/112	340	197	159	238	250	-	-	-	-	-	-	822	890	822	890	895	963	993	1061	1118	1186	1243	1311
	132 S/M	402	253	184	266	300	-	-	-	-	-	-	-	-	-	-	-	-	1055	1128	1160	1251	1305	1376
	160 M/L	538	314	230	*	350	*	*	*	*	*	*	*	*	*	*	*	*	1226	*	1310	*	1435	*
	180 M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	-	1226	*	1310	*	1435	*
	180 L	613	354	257	*	350	*	*	*	*	*	*	*	*	*	*	*	*	1301	*	1385	*	1510	*
	200 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1385	*	1510	*
	225 S/M	690	411	280	*	450	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1489	*	1614	*

Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors

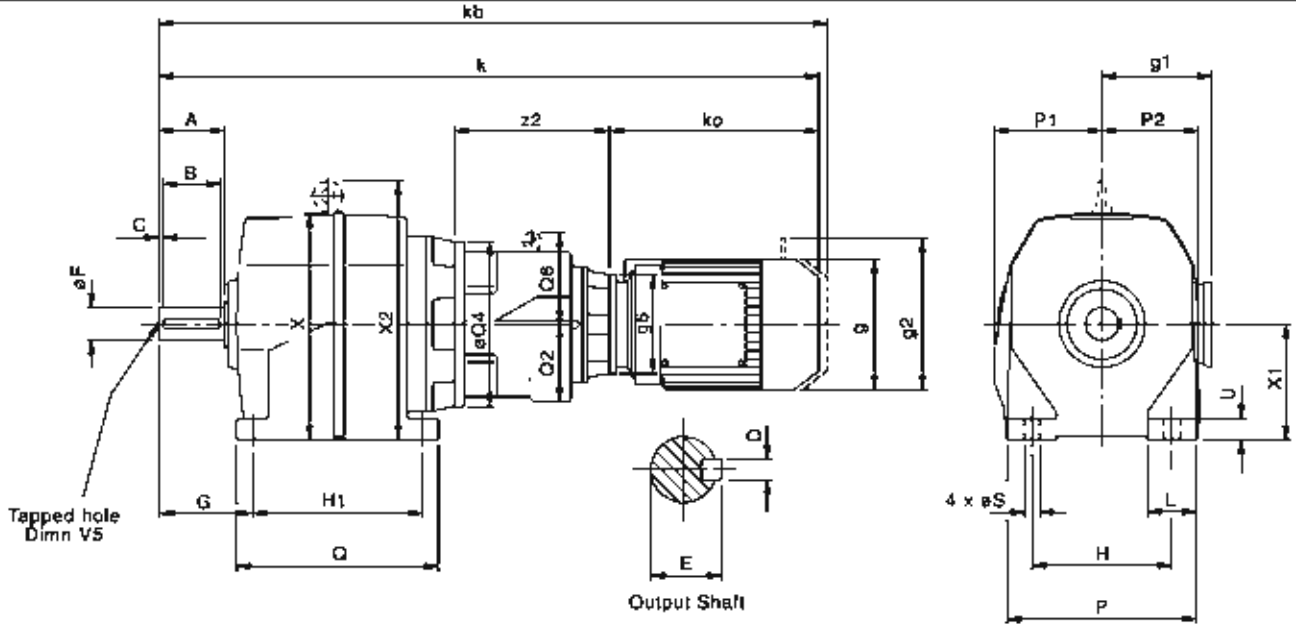
g2 - hand release if required

g6 - Dimension is shown for B5 D flange motors, please check page 14 for B14 C face motors.

all parallel keys are to DIN 6885

* Consult Power Build Limited

DIMENSIONS - QUADRUPLE REDUCTION BASE MOUNT



SIZE	A	B	C	D	E	øF	G	H	H1	L	P	P1	P2	Q	Q2	øQ4	Q6	øS	U	V5	X	X1	X2
M0640	60	50	7	8	33	30 k6	90	135	165	55	190	105	96	200	95	200	-	16	20	M10 x 1.5 22 deep	230	115	-
M0740	80	70	5	12	43	40 k6	115	170	205	60	230	130	119	245	95	200	-	19	25	M16 x 2.0 36 deep	275	140	-
M0840	100	80	10	14	53.5	50 k6	140	215	260	75	290	165	147	310	113	250	-	19	35	M16 x 2.0 36 deep	321	180	382
M0940	120	100	10	18	64	60 m6	160	250	310	90	340	200	172	365	113	250	-	23	40	M20 x 2.5 42 deep	394	225	433
M1040	140	110	15	20	74.5	70 m6	185	290	370	110	400	225	203	440	138	300	-	27	45	M20 x 2.5 42 deep	448	250	505
M1340	170	140	15	25	95	90 m6	220	340	410	110	450	242	228	490	167	350	173	34	50	M24 x 3.0 50 deep	489	265	563
M1440	210	180	15	28	106	100 m6	260	380	500	150	530	278	268	590	167	350	173	41	50	M24 x 3.0 50 deep	551	300	630

MOTORS		ALL SIZES					M0640			M0740			M0840		
		ko	g	g1	g2	g6	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	185	122	101	160	140	639	681	169	713	755	169	843	885	210
	71	210	137	107	167	160	668	709	173	742	783	173	874	915	216
	80	230	158	118	190	200	703	753	188	777	827	188	894	944	216
	90S/L	270	177	149	218	200	753	812	198	827	886	198	943	1002	225
	100/112	340	197	159	238	250	*	*	*	905	973	206	1057	1125	269
	132 S/M	402	253	184	288	300	-	-	-	-	-	-	-	-	-
	160 M/L	538	314	230	*	350	-	-	-	-	-	-	-	-	-

MOTORS		M0940			M1040			M1340			M1440		
		k	kb	z2	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	924	966	210	-	-	-	-	-	-	-	-	-
	71	955	998	216	*	*	*	*	*	*	*	*	*
	80	975	1025	216	1095	1145	269	1282	1332	342	1397	1447	342
	90S/L	1024	1083	225	1145	1204	279	1322	1381	342	1437	1496	342
	100/112	1138	1206	269	1238	1306	302	1398	1466	348	1513	1581	348
	132 S/M	1202	1273	271	1302	1373	304	1460	1531	348	1575	1646	348
	160 M/L	-	-	-	-	-	-	1626	*	378	1741	*	378

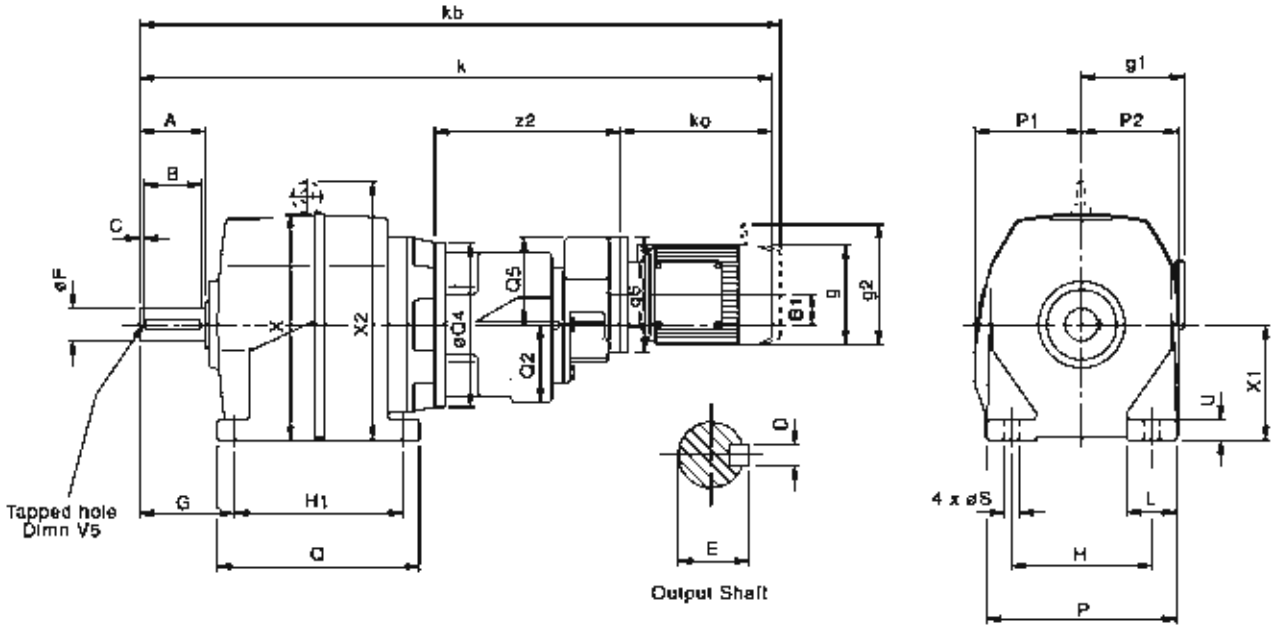
Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors
g2 - hand release if required
g6 - Dimension is shown for B5 D flange motors, please check page 14 for B14 C face motors.

all parallel keys are to DIN 6885

* Consult Power Build Limited

DIMENSIONS - QUINTUPLE REDUCTION BASE MOUNT



SIZE	A	B	B1	C	D	E	øF	G	H	H1	L	P	P1	P2	Q	Q2	øQ4	Q5	øS	U	V5	X	X1	X2
M0650	80	50	36	7	8	33	30 k6	90	135	165	55	190	105	98	200	95	200	108	15	20	M10 x 1.5 22 deep	230	115	-
M0750	80	70	36	5	12	43	40 k6	115	170	205	60	230	130	119	245	95	200	108	19	25	M16 x 2.0 36 deep	275	140	-
M0850	100	80	0	10	14	53.5	50 k6	140	215	260	75	290	165	147	310	113	250	-	19	35	M16 x 2.0 36 deep	321	180	362
M0950	120	100	0	10	18	64	60 m6	160	250	310	90	340	200	172	365	113	250	-	23	40	M20 x 2.5 42 deep	394	225	433
M1050	140	110	0	15	20	74.5	70 m6	185	290	370	110	400	225	203	440	138	300	-	27	45	M20 x 2.5 42 deep	445	250	505
M1350	170	140	0	15	25	95	90 m6	220	340	410	110	450	242	228	490	138	300	-	34	50	M24 x 3.0 50 deep	483	265	563
M1450	210	180	0	15	28	106	100 m6	260	380	500	150	530	278	258	590	138	300	-	41	50	M24 x 3.0 50 deep	551	300	630

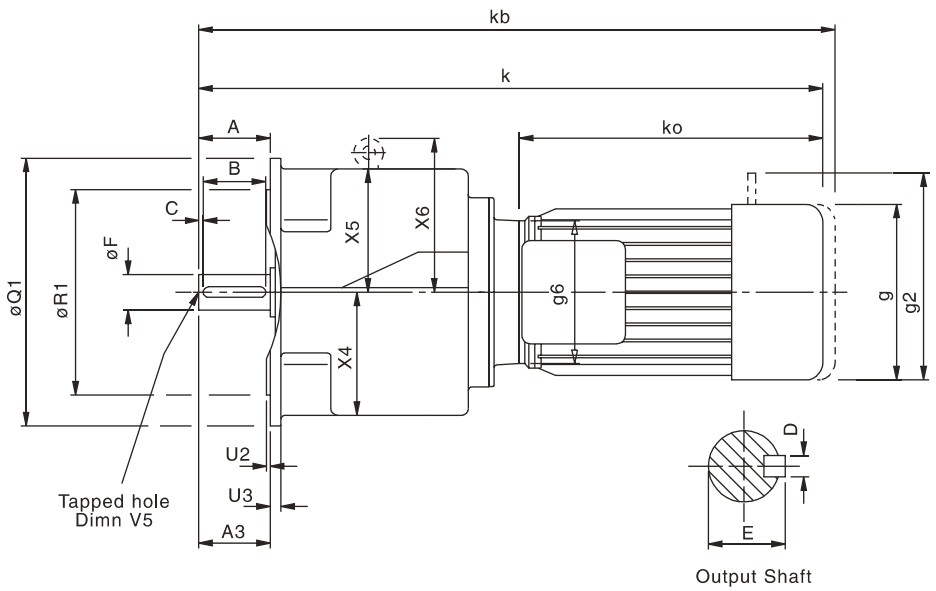
MOTORS		ALL SIZES					M0650			M0750			M0850		
		ko	g	g1	g2	g6	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	185	122	101	160	140	695	737	225	789	811	225	877	919	210
	71	210	137	107	187	105	724	765	228	798	839	229	908	949	216
	80	230	156	118	190	120	-	-	-	-	-	-	926	973	216
	90S/L	270	177	149	218	140	-	-	-	-	-	-	977	1036	225
	100/112	340	197	159	238	160	-	-	-	-	-	-	-	-	-
	132 S/M	402	253	184	288	200	-	-	-	-	-	-	-	-	-

MOTORS		M0950			M1050			M1350			M1450		
		k	kb	z2	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	950	992	210	-	-	-	-	-	-	-	-	-
	71	981	1022	216	-	-	-	-	-	-	-	-	-
	80	1001	1051	216	1152	1202	269	1277	1327	269	1402	1452	269
	90S/L	1050	1109	225	1202	1261	279	1327	1386	279	1452	1511	279
	100/112	-	-	-	1295	1363	302	1420	1488	302	1545	1613	302
	132 S/M	-	-	-	-	-	-	1484	1555	304	1609	1680	304

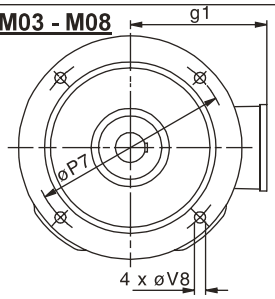
Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors
g2 - hand release if required
all parallel keys are to DIN 6885

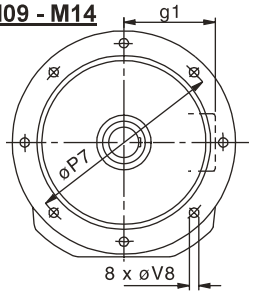
DIMENSIONS - DOUBLE REDUCTION FLANGE MOUNT



Sizes M03 - M08



Sizes M09 - M14



SIZE	A	A3	B	C	D	E	øF	øP7	øQ1	øR1	U2	U3	V5	V8	X4	X5	X6
M0320	40	40	32	4	6	22.5	20 k6	130	160	110 h8	3.5	7	M6 x 1.0 16 deep	10	80	70	-
M0420	50	50	40	7	8	28	25 k6	165	200	130 h8	3.5	12	M10 x 1.5 22 deep	12	95	88	-
M0620	60	60	50	7	8	33	30 k6	215	250	180 h8	4	12	M10 x 1.5 22 deep	15	113	115	-
M0720	80	80	70	5	12	43	40 k6	265	300	230 h8	4	14	M16 x 2.0 36 deep	15	138	138	-
M0820	100	100	80	10	14	53.5	50 k6	300	350	250 h8	5	16	M16 x 2.0 36 deep	18	187	-	173
M0920	120	140	100	10	18	64	60 m6	400	450	350 h8	5	18	M20 x 2.5 42 deep	18	230	-	198
M1020	140	140	110	15	20	74.5	70 m6	400	450	350 h8	5	22	M20 x 2.5 42 deep	18	260	-	245
M1320	170	170	140	15	25	95	90 m6	500	550	450 h8	5	25	M24 x 3.0 50 deep	18	278	-	288
M1420	210	210	180	15	28	106	100 m6	500	550	450 h8	5	25	M24 x 3.0 50 deep	18	318	-	320

MOTORS		ALL SIZES					M0320**		M0420**		M0620**		M0720**		M0820		M0920		M1020		M1320		M1420	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	381	423	404	446	455	497	-	-	-	-	-	-	-	-	-	-	-	-
	71	210	137	107	167	160	406	447	433	474	486	527	-	-	-	-	-	-	-	-	-	-	-	-
	80	230	158	118	190	200	445	495	468	518	506	556	579	629	672	722	753	803	-	-	-	-	-	-
	90S/L	270	177	149	218	200	495	554	518	577	555	614	629	688	712	771	793	852	-	-	-	-	-	-
	100/112	340	197	159	238	250	573	641	596	664	669	737	722	790	788	856	869	937	936	1004	1056	1124	1172	1240
	132 S/M	402	253	184	288	300	-	-	-	-	733	804	786	857	850	921	931	1002	998	1069	1118	1189	1234	1305
	160 M/L	538	314	230	*	350	-	-	-	-	-	-	952	*	1016	*	1102	*	1169	*	1248	*	1363	*
	180 M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	1102	*	1169	*	1248	*	1363	*
	180 L	613	354	257	*	350	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1438	*
	200 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1438	*
	225 S/M	690	411	280	*	450	-	-	-	-	-	-	-	-	-	-	1281	*	1348	*	1427	*	1542	*
	250	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1599	*	1714	*
	280 S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1729	*	1844	*

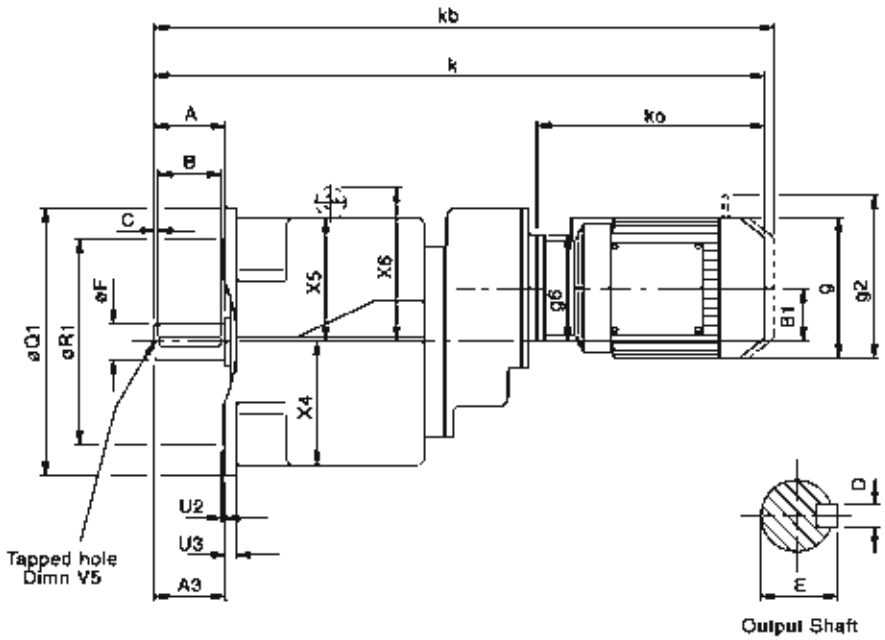
Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors
g2 - hand release if required
g6 - Dimension is shown for B5 D flange motors, please check page 14 for B14 C face motors.

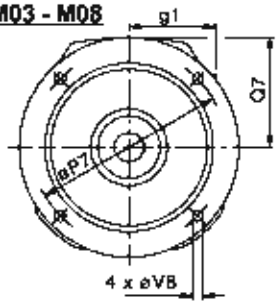
all parallel keys are to DIN 6885

* Consult Power Build Limited
** Please check dimension g, g2 and g6 as motor may project below the base of the unit

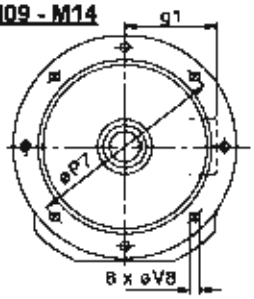
DIMENSIONS - TRIPLE REDUCTION FLANGE MOUNT



Sizes M03 - M08



Sizes M09 - M14



SIZE	A	A3	B	B1	C	D	E	øF	øP7	øQ1	Q7	øR1	U2	U3	V5	V8	X4	X5	X6
M0330	40	40	32	36	4	6	22.5	20 k6	130	160	106	110 h8	3.5	7	M6 x 1.0 16 deep	10	80	70	-
M0430	50	50	40	36	7	8	28	25 k6	165	200	106	130 h8	3.5	12	M10 x 1.5 22 deep	12	95	88	-
M0630	60	60	50	47	7	8	33	30 k6	215	260	117	180 h8	4	12	M10 x 1.5 22 deep	15	113	115	-
M0730	80	80	70	60	5	12	43	40 k6	265	300	150	230 h8	4	14	M16 x 2.0 36 deep	15	138	138	-
M0830	100	100	80	0	10	14	53.5	50 k6	300	350	-	250 h8	5	16	M16 x 2.0 36 deep	18	167	-	173
M0930	120	140	100	0	10	18	64	60 m6	400	450	-	350 h8	5	18	M20 x 2.5 42 deep	18	230	-	198
M1030	140	140	110	0	15	20	74.5	70 m6	400	450	-	350 h8	5	22	M20 x 2.5 42 deep	18	260	-	245
M1330	170	170	140	0	15	25	85	90 m6	500	550	-	450 h8	5	25	M24 x 3.0 50 deep	18	278	-	288
M1430	210	210	180	0	15	28	106	100 m6	500	550	*	450 h8	5	25	M24 x 3.0 50 deep	18	318	*	320

MOTORS		ALL SIZES					M0330		M0430		M0630		M0730		M0830		M0930		M1030		M1330		M1430	
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	437	479	460	502	522	564	608	650	-	-	-	-	-	-	-	-	-	-
	71	210	137	107	167	160	462	503	489	530	551	592	638	680	-	-	-	-	-	-	-	-	-	-
	80	230	158	118	190	200	-	-	524	574	588	636	659	709	679	729	779	829	877	927	-	-	-	-
	90S/L	270	177	149	218	200	-	-	-	-	636	685	708	767	729	788	819	878	917	976	-	-	-	-
	100/112	340	197	159	239	250	-	-	-	-	-	-	822	890	822	890	895	963	993	1061	1118	1186	1243	1311
	132 S/M	402	253	184	288	300	-	-	-	-	-	-	-	-	-	-	-	-	1055	1126	1180	1251	1305	1376
	160 M/L	538	314	230	"	350	-	-	-	-	-	-	-	-	-	-	-	-	1226	"	1310	"	1435	"
	180 M	538	314	230	"	350	-	-	-	-	-	-	-	-	-	-	-	-	1226	"	1310	"	1435	"
	180 L	613	354	257	"	350	"	"	"	"	"	"	"	"	"	"	"	"	1301	"	1385	"	1510	"
	200 L	613	354	257	"	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1385	"	1510	"
	225 S/M	690	411	280	"	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1489	"	1614	"

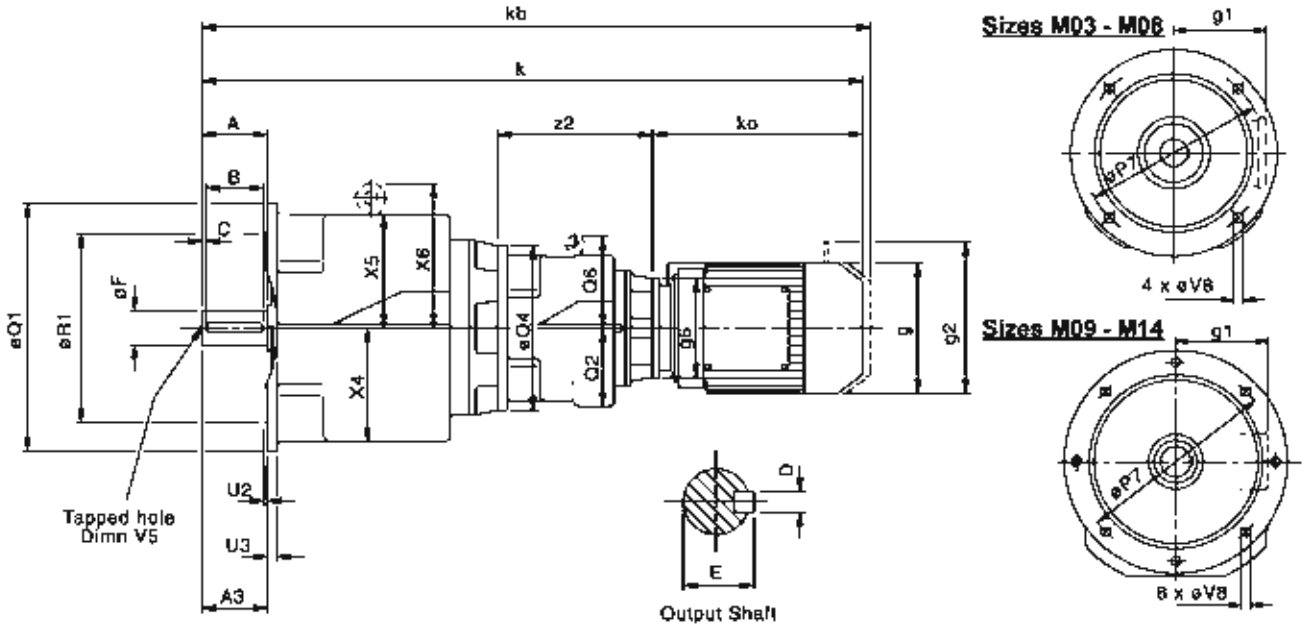
Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors
g2 - hand release if required
g6 - Dimension is shown for B5 D flange motors, please check page 14 for B14 C face motors.

all parallel keys are to DIN 6885

* Consult Power Build Limited

DIMENSIONS - QUADRUPLE REDUCTION FLANGE MOUNT



SIZE	A	A3	B	C	D	E	øF	øP7	øQ1	Q2	øQ4	Q6	øR1	U2	U3	V5	V8	X4	X5	X6
M0640	60	60	50	7	8	33	30 k6	215	250	95	200	-	180 h8	4	12	M10 x 1.5 22 deep	15	113	115	-
M0740	80	80	70	5	12	43	40 k6	265	300	95	200	-	230 h8	4	14	M16 x 2.0 36 deep	15	138	138	-
M0840	100	100	80	10	14	53.5	50 k6	300	350	113	250	-	250 h8	5	16	M16 x 2.0 36 deep	18	167	-	173
M0940	120	140	100	10	18	64	60 m6	400	450	113	250	-	350 h8	5	18	M20 x 2.5 42 deep	18	230	-	196
M1040	140	140	110	15	20	74.5	70 m6	400	450	138	300	-	350 h8	5	22	M20 x 2.5 42 deep	18	260	-	245
M1340	170	170	140	15	25	95	90 m6	500	550	187	350	173	450 h8	5	25	M24 x 3.0 50 deep	18	276	-	268
M1440	210	210	180	15	28	106	100 m6	500	550	187	350	173	450 h8	5	25	M24 x 3.0 50 deep	18	318	-	320

MOTORS		ALL SIZES					M0640			M0740			M0840		
		ko	g	g1	g2	g6	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	185	122	101	160	140	639	681	169	713	755	169	843	885	210
	71	210	137	107	167	160	668	709	173	742	783	173	874	915	216
	80	230	158	118	190	200	703	753	188	777	827	188	894	944	216
	90S/L	270	177	149	218	200	753	812	196	827	886	196	943	1002	225
	100/112	340	197	159	238	250	*	*	*	905	973	206	1057	1125	269
	132 S/M	402	253	184	288	300	-	-	-	-	-	-	-	-	-
	160 M/L	538	314	230	*	350	*	*	*	*	*	*	*	*	*

MOTORS		M0940			M1040			M1340			M1440		
		k	kb	z2	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	924	966	210	-	-	-	-	-	-	-	-	-
	71	955	996	216	-	-	-	-	-	-	-	-	-
	80	976	1025	216	1095	1145	269	1282	1332	342	1397	1447	342
	90S/L	1024	1083	225	1145	1204	279	1322	1381	342	1437	1496	342
	100/112	1138	1206	269	1238	1306	302	1398	1466	348	1513	1581	348
	132 S/M	1202	1273	271	1302	1373	304	1460	1531	348	1575	1646	348
	160 M/L	-	-	-	-	-	-	1628	*	378	1741	*	378

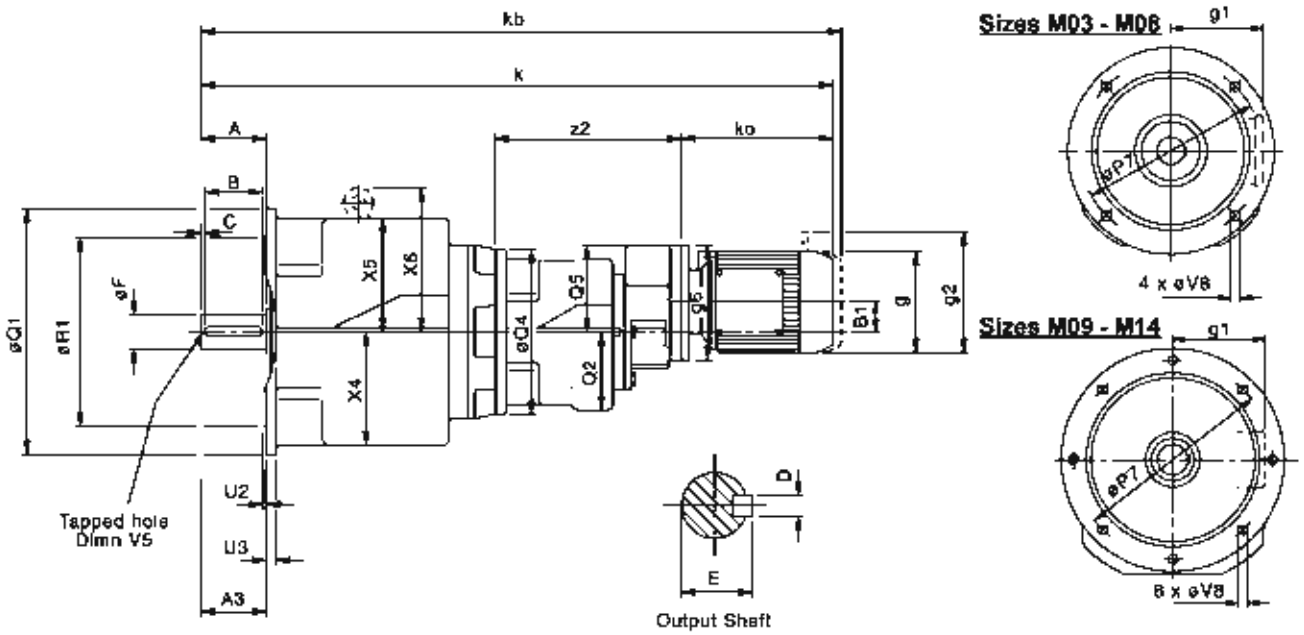
Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors
g2 - hand release if required
g6 - Dimension is shown for B5 D flange motors, please check page 14 for B14 C face motors.

all parallel keys are to DIN 6885

* Consult Power Build Limited

DIMENSIONS - QUINTUPLE REDUCTION FLANGE MOUNT



SIZE	A	A3	B	B1	C	D	E	øF	øP7	øQ1	Q2	øQ4	Q5	øR1	U2	U3	V5	V6	X4	X5	X6
M0650	60	60	50	36	7	8	33	30 k6	215	250	95	200	106	180 h8	4	12	M10 x 1.5 22 deep	15	113	115	-
M0750	80	80	70	36	5	12	43	40 k6	265	300	95	200	106	230 h8	4	14	M16 x 2.0 36 deep	15	138	138	-
M0850	100	100	80	0	10	14	53.5	50 k6	300	350	113	250	-	250 h8	5	16	M16 x 2.0 36 deep	18	187	-	173
M0950	120	140	100	0	10	18	64	60 m6	400	450	113	250	-	350 h8	5	18	M20 x 2.5 42 deep	18	230	-	198
M1050	140	140	110	0	15	20	74.5	70 m6	400	450	138	300	-	350 h8	5	22	M20 x 2.5 42 deep	18	260	-	245
M1350	170	170	140	0	15	25	95	90 m6	500	550	138	300	-	450 h8	5	25	M24 x 3.0 50 deep	18	278	-	288
M1450	210	210	180	0	15	28	106	100 m6	500	550	138	300	-	450 h8	5	25	M24 x 3.0 50 deep	18	318	-	320

MOTORS		ALL SIZES					M0650			M0750			M0850		
		ko	g	g1	g2	g6	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	185	122	101	160	140	695	737	225	769	811	225	877	919	210
	71	210	137	107	167	105	724	765	229	798	839	229	908	949	216
	80	230	158	118	190	120	-	-	-	-	-	-	928	973	216
	90S/L	270	177	149	216	140	-	-	-	-	-	-	977	1038	225
	100/112	340	197	159	238	160	-	-	-	-	-	-	-	-	-
	132 S/M	402	253	184	288	200	-	-	-	-	-	-	-	-	-

MOTORS		M0950			M1050			M1350			M1450		
		k	kb	z2	k	kb	z2	k	kb	z2	k	kb	z2
MOTOR FRAME SIZE	63	950	992	210	-	-	-	-	-	-	-	-	-
	71	981	1022	216	-	-	-	-	-	-	-	-	-
	80	1001	1051	216	1152	1202	269	1277	1327	269	1402	1452	269
	90S/L	1050	1109	225	1202	1261	279	1327	1386	279	1452	1511	279
	100/112	-	-	-	1295	1363	302	1420	1488	302	1545	1613	302
	132 S/M	-	-	-	-	-	-	1484	1555	304	1609	1680	304

Dimension kb, k, ko, g,g2,g1 may vary as per make of motor.

kb - for brake motors

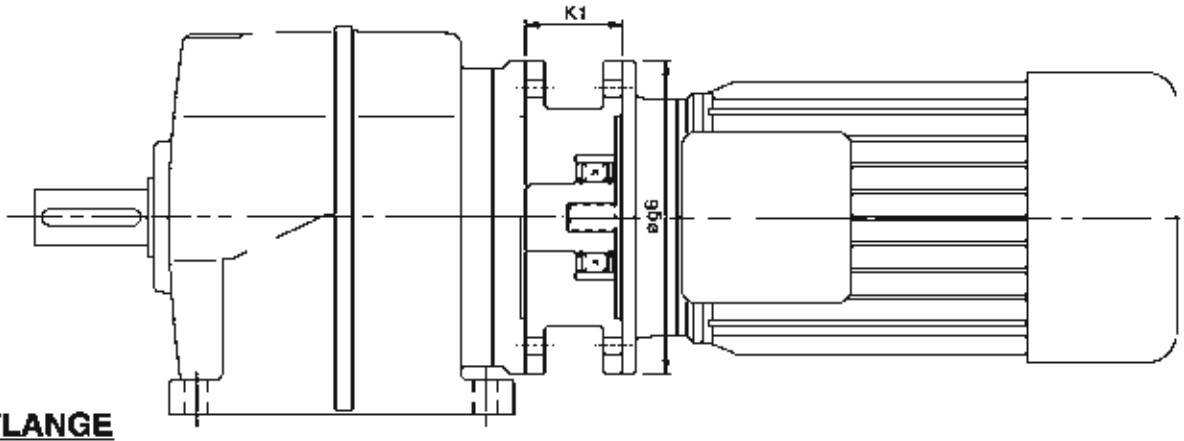
g2 - hand release if required

all parallel keys are to DIN 6885

MOTORISED BACKSTOP MODULE

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



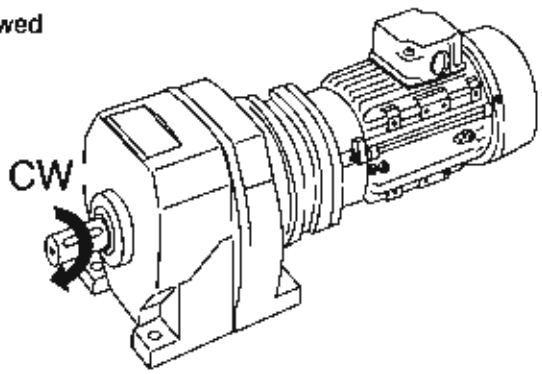
IEC B5 FLANGE

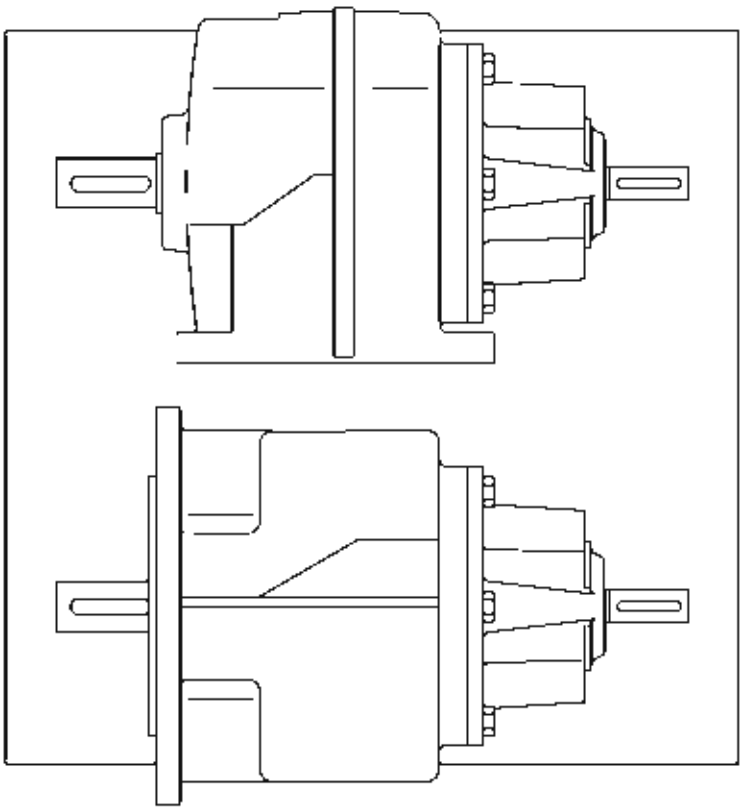
Motor Frame Size	Lift off Speed ('n' min) (rev/min)	Rated Locking Torque ('T max') (at motor) (Nm)	øg6	K1
100	670	170	250	70
112	670	170	250	70
132	620	940	300	95
160	620	940	350	130
180	620	940	350	130
200	550	1260	400	130

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 M

POWER BUILD LIMITED

OVERHUNG & AXIAL LOADS (NEWTONS) ON SHAFTS

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 Power Build Limited 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)

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

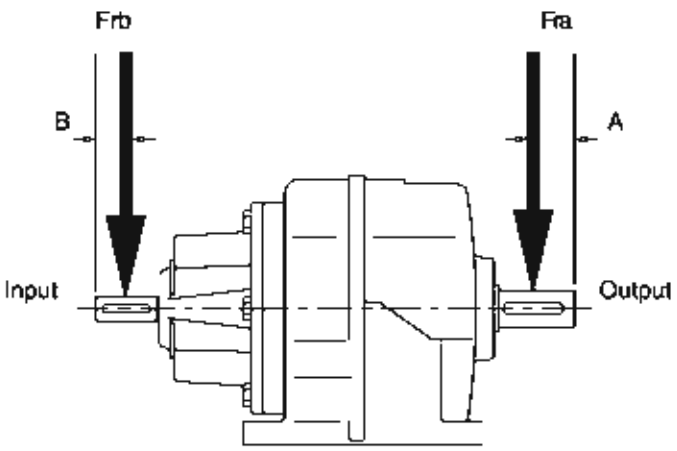
where

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

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 Fra output or Frb input, refer to Power Build Limited

Note: 1 Newton = 0.10197 kg.



Distance midway along the shaft extension

Size of unit	No. of Reductions	Dimension A (mm)	Dimension B (mm)
M03	2 - 3	20	20
M04	2 - 3	25	20
M06	2 - 5	30	20
M07	2	40	25
M07	3 - 5	40	20
M08	2	50	30
M08	3	50	25
M08	4 - 5	50	20
M09	2	60	40
M09	3	60	30
M09	4 - 5	60	20
M10	2	70	55
M10	3	70	40
M10	4	70	25
M10	5	70	25
M13	2 - 3	85	55
M13	4	85	30
M13	5	85	25
M14	2 - 3	105	55
M14	4	105	30
M14	5	105	25

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 Power Build Limited.

OVERHUNG LOADS (NEWTONS) & AXIAL THRUSTS (NEWTONS)

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

		OUTPUT REV/MIN															
		1000	630	500	400	320	250	200	160	125	100	80	63	50	40	32	25 & UNDER
M0320 -	OHL (Fra)	1210	1290	1300	1410	1450	1475	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
M0330	THRUST	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
M0420 -	OHL (Fra)	1850	1930	1980	2040	2060	2160	2240	2340	2470	2760	3010	3370	3420	3430	3430	3430
M0430	THRUST	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700
M0620 -	OHL (Fra)	3120	3500	3580	3600	3700	3910	4000	4210	4410	4500	4780	5660	6040	6740	7070	7100
M0650	THRUST	4530	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700
M0720 -	OHL (Fra)	4230	4650	4730	4730	4730	4730	4730	4840	5040	5680	6340	7180	7650	8280	9160	9300
M0750	THRUST	6190	7030	7030	7030	7030	7030	7030	7030	7030	7200	7200	7200	7200	7200	7200	7200
M0820 -	OHL (Fra)	8100	8200	8200	8300	8400	8500	8500	8600	8800	9200	12200	13100	15600	18000	22200	22200
M0850	THRUST	8200	8200	8200	8200	8200	8200	8200	8200	8500	8500	8500	10700	10700	10700	10700	10700
M0920 -	OHL (Fra)	10000	10100	10100	10200	10200	10400	10600	10800	11000	11400	13000	15700	17000	22400	26200	28000
M0950	THRUST	9490	10200	10200	10200	10200	10200	10200	10200	10200	11800	13500	15300	15300	15300	15300	15300
M1020 -	OHL (Fra)	12000	12200	12200	12300	12300	12400	12400	12500	12500	13000	15000	15900	23000	28000	34000	40000
M1050	THRUST	12400	12400	12400	12400	12400	12400	12400	12400	13500	13500	16700	16700	23800	23800	23800	23800
M1320 -	OHL (Fra)	28000	28300	28700	29200	29500	30000	31000	32500	35000	38000	42000	45000	51000	56000	60000	64000
M1350	THRUST	24000	24000	24000	24000	24000	24000	24000	24000	26000	28000	31000	33000	38000	43000	43000	43000
M1420 -	OHL (Fra)	35000	35500	36000	37000	37500	38000	39000	40000	41000	43000	46000	52000	60000	70000	79000	79000
M1450	THRUST	28000	28000	28000	28000	28000	28000	28000	28000	35000	37000	38000	41000	48000	48000	48000	48000

REDUCER OVERHUNG LOADS (Frb) ON INPUTSHAFT

AT 1450 rev/min

	RATIO	SIZE								
		M03	M04	M06	M07	M08	M09	M10	M13	M14
DOUBLE REDUCTION UNIT	4.5	1640	1490	1470	1960	3130	1480	3900	11600	10400
	5.6	1690	1550	1550	1960	3130	1480	3900	11600	10400
	7.1	1690	1510	1500	863	1270	1490	2750	10500	7140
	9.0	1730	1570	1580	1960	1270	1850	3710	10500	7140
	11.0	1720	1540	1540	1790	1160	1500	2640	6920	2960
	14.0	1760	1610	1620	2080	2850	2850	3520	9630	6190
	18.0	1740	1580	1550	2020	2920	1540	3380	11500	4830
	22.0	1770	1640	1660	2170	3190	3630	4210	11900	8240
	28.0	1750	1590	1590	2090	2920	1690	4000	12400	11800
	36.0	1780	1660	1690	2220	3260	3750	4530	12000	11800
	45.0	1810	1710	1760	2320	3440	3950	4830	12300	11900
	56.0	1790	1690	1800	2320	3500	4000	4820	12300	11900
	71.0	1820	1720	1800	2350	3500	4000	4920	12300	11900
TRIPLE REDUCTION UNIT	40.0	1850	1770	1510	1780	-	-	-	13000	12600
	50.0	1860	1800	1550	1840	-	-	-	13100	12600
	63.0	1850	1780	1530	1810	2400	3500	4210	13100	12700
	80.0	1860	1810	1570	1860	2470	3600	4270	13200	12900
	100.0	1860	1790	1540	1830	2430	3550	4280	13200	12800
	125.0	1860	1820	1580	1880	2490	3640	4330	13300	12900
	160.0	1860	1830	1600	1920	2540	3700	4420	13600	13200
	200.0	1860	1820	1590	1890	2510	3660	4370	13300	13000
	250.0	1860	1840	1610	1920	2560	3720	4450	13600	13200
QUADRUPLE REDUCTION UNIT ALL RATIOS		-	-	1720	1720	1800	1800	2350	3500	3500
QUINTUPLE REDUCTION UNIT ALL RATIOS		-	-	1840	1840	1800	1800	2350	2350	2350

MOMENTS OF INERTIA (Kg cm²) Referred to Input Shaft

DOUBLE REDUCTION

RATIO	M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	2.27	7.10	21.69	60.27	98.76	298.97	583.87	-	-
1.8	1.50	4.01	12.33	34.36	59.78	185.79	351.91	-	-
2.2	1.28	3.43	10.26	28.43	51.88	159.07	311.93	-	-
2.5	1.12	2.80	8.57	24.66	45.17	136.69	261.14	-	-
2.8	1.28	3.52	11.51	28.21	67.47	208.78	373.34	618.44	1169.23
3.2	0.89	1.96	6.02	16.37	32.93	101.76	184.28	547.14	971.05
3.6	0.84	1.67	5.06	13.67	28.81	88.07	164.27	551.66	990.96
4.0	0.96	2.19	7.08	17.65	44.21	138.20	244.01	409.81	709.48
4.5	0.86	1.93	6.08	15.19	39.27	121.18	220.71	367.33	624.20
5.0	0.88	1.88	6.17	15.00	41.62	129.68	229.30	375.04	617.93
5.6	0.80	1.67	5.36	13.08	37.17	114.41	208.27	338.51	551.99
6.3	0.69	1.24	3.96	9.95	26.84	83.65	142.60	256.20	412.87
7.1	0.67	1.11	3.46	8.70	23.97	73.56	128.51	232.37	366.99
8.0	0.66	1.12	3.60	8.93	25.82	80.41	136.92	241.60	378.20
9.0	0.64	1.01	3.18	7.91	23.16	70.97	123.64	220.47	338.87
10.	0.58	0.87	2.57	6.65	17.47	55.38	90.14	177.81	252.34
11.	0.56	0.79	2.28	5.76	15.62	49.65	79.04	150.52	221.93
12.	0.57	0.81	2.42	6.21	17.05	54.03	87.85	172.05	237.66
14.	0.55	0.75	2.17	5.42	15.31	48.61	77.25	146.03	210.55
16.	0.53	0.65	1.81	4.36	12.23	38.50	62.07	130.59	159.03
18.	0.52	0.63	1.75	3.97	11.17	35.43	56.22	117.53	148.96
20.	0.52	0.63	1.76	4.20	12.07	37.98	61.11	128.48	153.53
22.	0.51	0.61	1.70	3.84	11.04	35.01	55.45	115.79	144.43
25.	0.50	0.55	1.48	3.36	8.88	29.38	44.36	106.03	108.95
28.	0.50	0.54	1.44	3.22	8.54	27.96	40.93	101.72	104.88
32.	0.50	0.55	1.46	3.29	8.81	29.17	43.98	105.16	106.76
36.	0.49	0.53	1.42	3.17	8.48	27.78	40.65	101.02	103.01
40.	0.50	0.54	1.45	3.25	8.74	28.96	43.57	104.56	106.00
45.	0.49	0.53	1.41	3.13	8.42	27.61	40.34	100.54	102.37
50.	0.49	0.51	1.33	2.89	7.49	24.75	37.01	90.76	91.36
56.	0.48	0.51	1.30	2.80	7.36	24.25	35.39	88.24	88.84
63.	0.49	0.51	1.32	2.87	7.46	24.66	36.85	90.51	91.01
71.	0.48	0.50	1.30	2.78	7.34	24.17	35.24	88.01	88.56

TRIPLE REDUCTION

RATIO	M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.	0.56	0.59	0.87	2.58	-	-	-	-	-
40.	0.55	0.57	0.80	2.29	-	-	-	141.23	200.86
45.	0.56	0.58	0.86	2.55	-	-	-	165.44	224.05
50.	0.54	0.56	0.79	2.26	-	-	-	140.87	199.99
56.	0.52	0.53	0.65	1.82	6.46	23.22	52.42	126.12	148.84
63.	0.51	0.52	0.63	1.75	7.46	20.29	47.00	113.93	140.57
71.	0.52	0.53	0.65	1.81	6.45	23.18	52.35	125.94	148.41
80.	0.51	0.52	0.63	1.74	7.45	20.26	46.94	113.79	140.23
90.	0.50	0.50	0.55	1.48	5.26	14.54	36.06	104.23	104.90
100	0.49	0.50	0.54	1.44	4.94	13.17	32.86	100.27	101.43
112	0.50	0.50	0.55	1.48	5.26	14.53	36.03	104.16	104.73
125	0.49	0.50	0.54	1.43	4.93	13.16	32.84	100.21	101.28
140	0.50	0.50	0.55	1.47	5.25	14.51	36.00	104.11	104.67
160	0.49	0.50	0.54	1.43	4.93	13.15	32.81	100.18	101.23
180	0.49	0.49	0.52	1.34	3.95	10.17	29.39	90.33	90.44
200	0.48	0.48	0.51	1.31	3.83	9.67	27.79	87.86	88.11
225	0.49	0.49	0.52	1.34	3.95	10.16	29.38	90.31	90.41
250	0.48	0.48	0.51	1.31	3.83	9.67	27.78	87.84	88.09

MOMENTS OF INERTIA

QUADRUPLE REDUCTION

RATIO	M0640	M0740	M0840	M0940	M1040	M1340	M1440
250	0.64	0.65	2.36	2.55	6.20	12.67	27.42
300	0.64	0.64	1.79	2.49	6.08	11.52	24.43
350	0.64	0.64	2.34	2.60	6.47	12.66	18.49
400	0.61	0.62	1.79	2.30	5.62	11.51	17.71
450	0.55	0.55	2.21	2.31	5.64	12.61	15.80
500	0.54	0.54	1.72	1.84	4.10	11.47	12.63
560	0.63	0.64	1.78	1.85	4.10	11.48	11.49
650	0.53	0.54	1.45	1.76	3.92	11.47	12.33
780	0.53	0.53	1.43	1.76	4.09	11.24	11.25
860	0.51	0.52	1.33	1.83	3.92	11.44	9.04
1000	0.53	0.53	1.41	1.47	3.28	8.56	9.03
1100	0.51	0.51	1.33	1.75	3.91	11.22	8.92
1200	0.53	0.53	1.41	1.47	3.28	8.56	8.91
1350	0.51	0.51	1.33	1.75	3.91	8.65	8.57
1550	0.53	0.53	1.41	1.42	3.16	8.48	8.81
1700	0.51	0.51	1.33	1.34	2.90	7.54	7.54
1900	0.53	0.53	1.41	1.42	3.16	7.40	7.40
2100	0.51	0.51	1.33	1.34	2.90	7.54	7.49
2300	0.51	0.51	1.33	1.31	2.81	7.40	7.36
2600	0.51	0.51	1.30	1.42	2.88	7.49	7.36
2900	0.51	0.51	1.33	1.34	2.79	7.53	8.47
3200	0.51	0.51	1.30	1.31	2.81	7.39	7.53
3550	0.51	0.51	1.30	1.33	2.88	7.48	7.39
3900	0.50	0.51	1.33	1.30	2.79	7.48	7.48
4350	0.50	0.51	1.30	1.30	2.79	7.36	7.36

QUINTUPLE REDUCTION

RATIO	M0650	M0750	M0850	M0950	M1050	M1350	M1450
4800	0.50	0.50	1.33	1.34	2.88	2.90	2.91
5300	0.52	0.52	1.30	1.30	2.79	2.81	2.82
5500	0.50	0.50	1.30	1.31	3.15	3.19	3.19
6000	0.50	0.50	1.33	1.34	2.90	2.93	2.93
6800	0.50	0.50	1.41	1.42	3.15	3.19	3.31
7500	0.50	0.50	1.33	1.34	2.90	2.93	3.18
8200	0.50	0.50	1.33	1.30	2.81	2.83	2.92
8700	0.48	0.48	1.30	1.31	2.90	2.92	2.83
9200	0.50	0.50	1.30	1.33	2.88	2.90	2.83
9600	0.48	0.48	1.33	1.33	2.81	2.83	2.90
10300	0.50	0.50	1.33	1.33	2.79	2.81	2.83
11000	0.48	0.48	1.30	1.30	2.88	2.89	2.89
12000	0.48	0.48	1.30	1.30	2.79	2.80	2.90
13000	0.48	0.48	1.33	1.33	2.88	2.89	2.80
14500	0.48	0.48	1.33	1.30	2.79	2.80	2.89
16200	0.48	0.48	1.30	1.30	0.00	0.00	2.80

Note: For units fitted with fans the Moment of Inertia of the fan (see page 125) 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

DOUBLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power page 124

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	2071.43	Input kW	6.07	9.51	17.00	26.10	41.30	96.10	156.00		
		Output Torque Nm	28	44	78	120	189	452	719		
1.8	1611.11	Input kW	5.84	9.10	16.10	26.10	41.30	82.20	156.00		
		Output Torque Nm	36	59	105	168	270	534	1010		
2.2	1318.18	Input kW	5.31	8.91	15.70	26.10	41.30	77.50	156.00		
		Output Torque Nm	38	64	114	189	301	565	1100		
2.5	1160.00	Input kW	4.93	8.32	15.20	26.10	40.60	72.90	147.00		
		Output Torque Nm	40	68	124	208	329	596	1170		
2.8	1035.71	Input kW	5.54	8.74	16.70	26.10	41.30	96.10	156.00	195.00	Consult Power Build Limited
		Output Torque Nm	52	78	149	239	380	909	1490	1810	
3.2	906.25	Input kW	4.01	7.43	14.00	23.80	34.90	63.60	126.00	195.00	
		Output Torque Nm	41	77	146	248	367	671	1310	1980	
3.6	805.56	Input kW	3.84	7.33	13.30	22.00	32.50	58.60	118.00	195.00	
		Output Torque Nm	43	87	157	260	383	692	1330	2250	
4.0	725.00	Input kW	4.75	7.28	14.00	26.10	41.30	82.20	156.00	195.00	
		Output Torque Nm	60	92	176	332	542	1070	2090	2510	
4.5	644.44	Input kW	4.44	6.90	13.10	26.10	41.30	77.50	152.00	195.00	
		Output Torque Nm	64	96	185	374	603	1130	2200	2760	
5.0	580.00	Input kW	4.08	6.25	12.10	24.90	41.30	82.20	144.00	195.00	
		Output Torque Nm	66	100	194	403	673	1330	2260	3130	
5.6	517.86	Input kW	3.80	5.90	11.40	23.30	41.30	77.50	137.00	195.00	274.00
		Output Torque Nm	70	104	204	424	748	1410	2340	3440	5240
6.3	460.32	Input kW	3.59	5.59	10.70	21.80	34.90	63.60	119.00	195.00	274.00
		Output Torque Nm	75	112	216	449	736	1350	2550	3880	5730
7.1	408.45	Input kW	3.33	5.17	9.94	20.20	32.50	58.60	113.00	195.00	274.00
		Output Torque Nm	75	118	227	474	768	1390	2620	4300	6370
8.0	362.50	Input kW	2.82	4.76	9.24	18.80	34.90	63.60	107.00	195.00	274.00
		Output Torque Nm	75	121	237	493	912	1670	2700	4840	7570
9.0	322.22	Input kW	2.64	4.39	8.56	17.40	32.50	58.60	102.00	186.00	274.00
		Output Torque Nm	75	127	249	519	952	1720	2780	5110	8410
10.0	290.00	Input kW	2.33	4.27	8.21	17.00	25.80	47.40	88.30	173.00	248.00
		Output Torque Nm	75	132	258	530	844	1560	2990	5470	7980
11.0	263.64	Input kW	2.04	3.95	7.48	15.60	23.30	43.10	81.40	165.00	227.00
		Output Torque Nm	75	139	273	560	888	1610	3120	5900	8270
12.0	241.67	Input kW	1.85	3.62	7.05	14.60	25.80	47.40	79.10	136.00	242.00
		Output Torque Nm	76	142	281	579	1050	1930	3160	5370	10300
14.0	207.14	Input kW	1.62	3.34	6.41	13.40	23.30	43.10	72.90	131.00	215.00
		Output Torque Nm	76	149	298	611	1100	2000	3290	5880	10400
16.0	181.25	Input kW	1.51	2.94	5.81	12.40	18.30	32.90	65.90	119.00	172.00
		Output Torque Nm	75	149	300	636	954	1750	3460	6070	8970
18.0	161.11	Input kW	1.29	2.75	5.51	11.20	16.60	29.90	60.40	108.00	161.00
		Output Torque Nm	75	151	304	652	976	1760	3520	6200	9260
20.0	145.00	Input kW	1.20	2.48	4.97	10.60	18.30	32.90	58.90	94.10	153.00
		Output Torque Nm	76	159	326	693	1180	2160	3650	5980	10600
22.0	131.82	Input kW	1.03	2.32	4.72	9.60	16.60	29.90	54.90	88.60	142.00
		Output Torque Nm	76	162	330	709	1210	2190	3770	6350	10800
25.0	116.00	Input kW	0.93	2.08	4.07	8.60	12.20	22.60	45.20	76.70	115.00
		Output Torque Nm	75	164	327	689	1020	1880	3760	6200	9530
28.0	103.57	Input kW	0.83	1.90	3.79	7.97	11.40	20.70	39.50	68.90	109.00
		Output Torque Nm	75	168	334	699	1040	1900	3770	6200	9770
32.0	90.63	Input kW	0.74	1.75	3.47	7.10	12.20	22.60	43.10	62.90	97.60
		Output Torque Nm	76	175	355	723	1260	2330	4220	6350	10700
36.0	80.56	Input kW	0.67	1.59	3.24	6.49	11.40	20.70	39.10	56.60	91.30
		Output Torque Nm	76	180	363	724	1290	2350	4410	6350	10800
40.0	72.50	Input kW	0.47	1.44	2.84	5.76	9.57	19.30	35.30	49.40	75.70
		Output Torque Nm	57	180	349	715	1240	2460	4160	6090	9400
45.0	64.44	Input kW	0.42	1.28	2.60	5.28	8.79	17.40	30.70	45.00	70.20
		Output Torque Nm	57	180	350	717	1250	2470	4160	6160	9460
50.0	58.00	Input kW	0.46	1.21	2.48	4.31	8.79	15.60	27.90	36.70	50.10
		Output Torque Nm	72	180	379	662	1330	2430	4250	5660	8130
56.0	51.79	Input kW	0.39	1.04	1.58	3.19	7.72	12.10	23.70	36.70	46.50
		Output Torque Nm	70	180	275	570	1340	2100	4160	6020	8440
63.0	46.03	Input kW	0.30	0.97	1.97	3.83	6.75	12.70	22.70	33.80	50.10
		Output Torque Nm	56	180	361	718	1290	2470	4160	6360	9270
71.0	40.85	Input kW	0.26	0.86	1.58	3.19	5.96	11.30	21.20	32.00	46.50
		Output Torque Nm	56	180	324	662	1300	2470	4160	6400	9620

RATINGS AT 2900 REV/MIN INPUT

TRIPLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power page 124

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	80.56	Input kW	0.67	1.59	2.78	6.04					
		Output Torque Nm	75	176	310	675					
40.0	72.50	Input kW	0.59	1.42	2.56	5.46				35.00	58.10
		Output Torque Nm	75	180	324	710				4380	7520
45.0	64.44	Input kW	0.54	1.28	2.68	5.10				36.90	62.70
		Output Torque Nm	76	180	380	724				5360	9430
50.0	58.00	Input kW	0.47	1.12	2.42	4.38				35.00	58.10
		Output Torque Nm	76	180	391	724				5460	9930
56.0	51.79	Input kW	0.43	1.06	1.94	3.95	6.86	11.20	17.90	29.60	46.70
		Output Torque Nm	75	180	354	725	1270	2100	3380	5270	8680
63.0	46.03	Input kW	0.37	0.90	1.81	3.70	6.30	10.40	16.60	26.80	44.00
		Output Torque Nm	75	180	359	725	1320	2170	3490	5380	9020
71.0	40.85	Input kW	0.35	0.83	1.69	3.10	5.13	10.10	15.40	26.60	44.60
		Output Torque Nm	76	180	392	724	1410	2350	3640	5920	11000
80.0	36.25	Input kW	0.30	0.71	1.55	2.91	5.43	9.38	15.20	24.10	40.70
		Output Torque Nm	76	180	392	724	1410	2420	3760	6060	11000
90.0	32.22	Input kW	0.26	0.65	1.33	2.53	4.74	8.15	12.60	20.90	34.40
		Output Torque Nm	75	180	379	725	1400	2400	3770	5930	10100
100.0	29.00	Input kW	0.24	0.58	1.21	2.31	4.32	7.60	10.90	19.20	32.20
		Output Torque Nm	75	180	369	725	1400	2480	3770	6050	10300
112.0	25.89	Input kW	0.21	0.51	1.08	1.99	3.85	7.36	11.80	18.00	28.30
		Output Torque Nm	76	180	392	724	1410	2690	4160	6350	11000
125.0	23.20	Input kW	0.19	0.46	0.96	1.82	3.50	6.86	10.70	16.10	26.10
		Output Torque Nm	76	180	392	725	1410	2770	4360	6350	11000
140.0	20.71	Input kW	0.13	0.41	0.81	1.60	2.89	5.46	9.82	15.00	22.90
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	10100
160.0	18.13	Input kW	0.12	0.37	0.72	1.46	2.63	4.94	8.53	13.50	21.10
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	10100
180.0	16.11	Input kW	0.14	0.33	0.73	1.33	2.62	5.15	8.03	11.70	19.00
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
200.0	14.50	Input kW	0.12	0.29	0.64	1.19	2.28	4.59	7.48	11.00	17.00
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
225.0	12.89	Input kW	0.08	0.27	0.54	1.07	1.96	3.59	5.31	9.80	15.40
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	10100
250.0	11.60	Input kW	0.07	0.24	0.48	0.95	1.71	3.20	5.66	9.21	13.70
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	10100

RATINGS AT 1750 REV/MIN INPUT

DOUBLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power page 124

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	1250.00	Input kW	4.32	6.36	12.10	15.80	24.90	68.70	94.40		
		Output Torque Nm	33	49	93	121	190	538	721		
1.8	972.22	Input kW	3.56	6.36	11.50	15.80	24.90	58.70	94.40		
		Output Torque Nm	37	69	124	168	271	635	1010		
2.2	795.45	Input kW	3.20	6.35	11.20	15.80	24.90	55.40	94.40		
		Output Torque Nm	38	76	135	189	302	672	1100		
2.5	700.00	Input kW	2.97	5.93	10.80	15.80	24.90	52.00	94.40		
		Output Torque Nm	40	80	147	208	336	709	1250		
2.8	625.00	Input kW	3.95	6.22	11.80	15.80	24.90	68.70	94.40	118.00	165.00
		Output Torque Nm	62	93	176	240	382	1080	1490	1810	2520
3.2	546.88	Input kW	2.42	5.25	9.97	15.80	24.90	45.40	89.70	118.00	165.00
		Output Torque Nm	41	90	173	273	436	798	1550	1990	2840
3.6	486.11	Input kW	2.32	4.82	9.49	15.70	23.20	41.90	84.10	118.00	165.00
		Output Torque Nm	43	94	186	308	455	822	1570	2260	3330
4.0	437.50	Input kW	3.38	5.19	9.93	15.80	24.90	58.70	94.40	118.00	165.00
		Output Torque Nm	71	108	208	333	545	1270	2090	2510	3520
4.5	388.89	Input kW	3.13	4.91	9.33	15.80	24.90	55.40	94.40	118.00	165.00
		Output Torque Nm	75	113	219	375	605	1350	2280	2760	3970
5.0	350.00	Input kW	2.80	4.45	8.63	15.80	24.90	58.70	94.40	118.00	165.00
		Output Torque Nm	75	118	230	424	675	1580	2470	3140	4660
5.6	312.50	Input kW	2.49	4.20	8.09	15.80	24.90	55.40	94.40	118.00	165.00
		Output Torque Nm	76	123	242	477	751	1670	2690	3450	5240
6.3	277.78	Input kW	2.16	3.98	7.62	15.60	24.90	45.40	83.20	118.00	165.00
		Output Torque Nm	75	132	255	532	873	1600	2970	3880	5730
7.1	246.48	Input kW	2.01	3.64	7.08	14.40	23.20	41.90	79.40	118.00	165.00
		Output Torque Nm	75	137	269	561	912	1650	3050	4300	6370
8.0	218.75	Input kW	1.72	3.39	6.57	13.40	24.90	45.10	74.70	118.00	165.00
		Output Torque Nm	76	143	280	583	1080	1970	3140	4840	7570
9.0	194.44	Input kW	1.60	3.09	6.10	12.40	23.20	41.90	71.20	118.00	165.00
		Output Torque Nm	76	148	295	614	1130	2040	3230	5360	8410
10.0	175.00	Input kW	1.40	2.85	5.64	12.00	18.40	33.80	61.90	118.00	165.00
		Output Torque Nm	75	146	294	624	1000	1850	3480	6170	8800
11.0	159.09	Input kW	1.23	2.57	5.00	10.80	16.70	30.80	57.10	99.80	159.00
		Output Torque Nm	75	150	303	643	1050	1910	3630	5940	9620
12.0	145.83	Input kW	1.12	2.41	4.84	10.30	16.40	33.80	55.40	95.50	146.00
		Output Torque Nm	76	157	321	682	1240	2290	3670	6250	10300
14.0	125.00	Input kW	0.98	2.17	4.29	9.25	16.70	30.80	51.10	84.80	130.00
		Output Torque Nm	76	161	331	701	1310	2370	3830	6290	10400
16.0	109.38	Input kW	0.91	1.85	3.82	8.06	12.70	23.50	43.30	73.40	120.00
		Output Torque Nm	75	155	327	688	1100	2070	3770	6200	10400
18.0	97.22	Input kW	0.78	1.83	3.64	7.35	11.00	21.40	39.00	65.10	113.00
		Output Torque Nm	75	167	332	709	1080	2090	3770	6200	10800
20.0	87.50	Input kW	0.73	1.65	3.27	6.67	12.70	23.50	41.30	60.20	92.60
		Output Torque Nm	76	176	356	724	1360	2570	4240	6350	10600
22.0	79.55	Input kW	0.62	1.55	3.11	5.91	11.00	21.40	38.50	53.40	85.40
		Output Torque Nm	76	179	362	724	1340	2590	4390	6350	10800
25.0	70.00	Input kW	0.56	1.37	2.73	5.45	8.75	16.10	27.40	46.20	77.00
		Output Torque Nm	75	180	364	725	1210	2230	3770	6200	10600
28.0	62.50	Input kW	0.50	1.22	2.54	4.98	7.61	14.80	23.80	41.60	67.10
		Output Torque Nm	75	180	371	725	1150	2250	3770	6200	9970
32.0	54.69	Input kW	0.44	1.08	2.31	4.28	6.22	16.10	27.10	38.00	58.90
		Output Torque Nm	76	180	392	724	1410	2760	4410	6350	10700
36.0	48.61	Input kW	0.40	0.96	2.11	3.91	7.49	14.80	23.60	34.10	55.00
		Output Torque Nm	76	180	392	724	1410	2790	4410	6350	10800
40.0	43.75	Input kW	0.28	0.87	1.71	3.47	6.04	11.60	21.30	31.40	47.50
		Output Torque Nm	56	180	349	715	1300	2470	4160	6410	9780
45.0	38.89	Input kW	0.25	0.77	1.57	3.18	5.56	10.50	18.50	28.50	44.00
		Output Torque Nm	56	180	350	717	1310	2470	4160	6460	9850
50.0	35.00	Input kW	0.28	0.73	1.50	2.60	5.60	11.00	16.90	22.20	30.20
		Output Torque Nm	72	180	379	663	1410	2860	4250	5660	8130
56.0	31.25	Input kW	0.23	0.63	0.95	1.92	4.88	6.99	14.30	22.20	28.00
		Output Torque Nm	70	176	275	570	1410	2000	4160	6030	8450
63.0	27.78	Input kW	0.18	0.59	1.19	2.31	4.19	7.67	13.70	20.70	30.20
		Output Torque Nm	55	180	361	718	1320	2470	4160	6460	9270
71.0	24.65	Input kW	0.16	0.52	0.95	1.92	3.66	6.84	12.80	19.50	28.00
		Output Torque Nm	55	180	324	663	1330	2470	4160	6460	9620

RATINGS AT 1750 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	48.61	Input kW	0.40	0.98	1.91	3.90					
		Output Torque Nm	75	180	355	725					
40.0	43.75	Input kW	0.35	0.86	1.72	3.35				25.30	42.20
		Output Torque Nm	75	180	362	725				5280	9070
45.0	38.89	Input kW	0.32	0.77	1.66	3.07				25.90	43.90
		Output Torque Nm	76	180	392	724				5950	11000
50.0	35.00	Input kW	0.28	0.67	1.46	2.64				23.40	38.70
		Output Torque Nm	76	180	392	724				6090	11000
56.0	31.25	Input kW	0.26	0.64	1.27	2.38	4.54	7.81	12.00	20.10	32.80
		Output Torque Nm	75	180	366	725	1400	2440	3770	5970	10100
63.0	27.78	Input kW	0.22	0.54	1.19	2.23	4.03	7.26	10.80	17.90	30.30
		Output Torque Nm	75	180	393	725	1400	2520	3770	5980	10300
71.0	24.65	Input kW	0.21	0.50	1.02	1.87	3.68	7.05	11.40	17.20	27.00
		Output Torque Nm	76	180	392	725	1410	2730	4230	6350	11000
80.0	21.88	Input kW	0.18	0.43	0.94	1.75	3.26	6.55	10.60	15.20	24.50
		Output Torque Nm	76	180	392	725	1410	2820	4370	6350	11000
90.0	19.44	Input kW	0.16	0.39	0.83	1.52	2.85	5.39	7.58	13.20	22.70
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	17.50	Input kW	0.14	0.35	0.74	1.39	2.60	4.88	6.58	11.80	20.90
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	15.63	Input kW	0.13	0.31	0.65	1.20	2.31	4.70	7.51	10.80	17.10
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
125.0	14.00	Input kW	0.12	0.28	0.58	1.10	2.11	4.26	6.52	9.71	15.70
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
140.0	12.50	Input kW	0.08	0.25	0.49	0.96	1.74	3.28	5.91	9.02	13.80
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	10100
160.0	10.94	Input kW	0.07	0.22	0.43	0.88	1.58	2.97	5.13	8.11	12.70
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	10100
180.0	9.72	Input kW	0.08	0.20	0.44	0.80	1.57	3.10	4.83	7.08	11.50
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
200.0	8.75	Input kW	0.07	0.18	0.39	0.72	1.37	2.76	4.51	6.65	10.20
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
225.0	7.78	Input kW	0.05	0.16	0.33	0.64	1.18	2.16	3.80	5.90	9.25
		Output Torque Nm	55	180	351	707	1330	2470	4170	6460	10100
250.0	7.00	Input kW	0.05	0.14	0.29	0.57	1.03	1.93	3.54	5.55	8.26
		Output Torque Nm	57	180	351	707	1330	2470	4170	6460	10100

RATINGS AT 1450 REV/MIN INPUT

DOUBLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power page 124

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	1035.71	Input kW	3.59	5.27	10.70	13.10	20.70	60.60	78.20		
		Output Torque Nm	33	49	99	121	191	574	722		
1.8	805.56	Input kW	2.95	5.27	10.10	13.10	20.70	51.80	78.20		
		Output Torque Nm	37	69	132	169	272	677	1010		
2.2	659.09	Input kW	2.65	5.27	9.86	13.10	20.70	48.80	78.20		
		Output Torque Nm	38	76	144	190	302	716	1100		
2.5	580.00	Input kW	2.46	5.23	9.54	13.10	20.70	45.90	78.20		
		Output Torque Nm	40	86	157	209	337	756	1250		
2.8	517.86	Input kW	3.48	5.27	10.40	13.10	20.70	60.60	78.20	97.40	137.00
		Output Torque Nm	66	95	188	240	383	1150	1490	1810	2520
3.2	453.13	Input kW	2.00	4.34	8.79	13.10	20.70	40.00	75.20	97.40	137.00
		Output Torque Nm	41	90	184	273	436	850	1570	1990	2840
3.6	402.78	Input kW	1.92	3.99	8.25	13.10	20.50	36.90	69.70	97.40	137.00
		Output Torque Nm	43	94	195	310	485	876	1570	2260	3330
4.0	362.50	Input kW	2.95	4.57	8.75	13.10	20.70	51.80	78.20	97.40	137.00
		Output Torque Nm	75	115	222	334	545	1360	2090	2510	3530
4.5	322.22	Input kW	2.60	4.33	8.22	13.10	20.70	48.80	78.20	97.40	137.00
		Output Torque Nm	75	121	233	375	606	1440	2280	2760	3970
5.0	290.00	Input kW	2.34	3.92	7.60	13.10	20.70	51.80	78.20	97.40	137.00
		Output Torque Nm	76	126	245	425	676	1680	2470	3140	4660
5.6	258.93	Input kW	2.06	3.70	7.13	13.10	20.70	48.80	78.20	97.40	137.00
		Output Torque Nm	76	131	257	477	751	1780	2690	3450	5240
6.3	230.16	Input kW	1.79	3.43	6.72	13.10	20.70	40.00	72.90	97.40	137.00
		Output Torque Nm	75	138	272	540	873	1700	3140	3880	5730
7.1	204.23	Input kW	1.66	3.10	6.16	12.70	20.50	36.90	69.50	97.40	137.00
		Output Torque Nm	75	141	283	597	972	1760	3230	4300	6360
8.0	181.25	Input kW	1.43	2.92	5.80	11.80	20.70	39.50	65.50	97.40	137.00
		Output Torque Nm	76	149	298	621	1080	2080	3330	4840	7570
9.0	161.11	Input kW	1.32	2.63	5.30	10.90	20.50	36.80	62.40	97.40	137.00
		Output Torque Nm	76	153	310	654	1200	2170	3420	5360	8400
10.0	145.00	Input kW	1.16	2.43	4.80	10.20	16.30	29.80	54.20	97.40	137.00
		Output Torque Nm	75	151	303	642	1070	1970	3680	6170	8800
11.0	131.82	Input kW	1.02	2.21	4.26	9.18	14.70	27.10	49.10	82.70	137.00
		Output Torque Nm	75	156	312	661	1120	2040	3770	5940	9980
12.0	120.83	Input kW	0.93	2.06	4.12	8.80	16.30	29.60	48.60	60.30	121.00
		Output Torque Nm	76	162	330	702	1320	2420	3890	6350	10300
14.0	103.57	Input kW	0.81	1.87	3.66	7.88	14.70	27.10	44.80	70.30	108.00
		Output Torque Nm	76	168	341	722	1390	2530	4050	6290	10400
16.0	90.63	Input kW	0.75	1.53	3.29	6.94	10.50	20.70	35.90	60.80	106.00
		Output Torque Nm	75	155	340	715	1100	2210	3770	6200	11100
18.0	80.56	Input kW	0.65	1.52	3.13	6.23	9.13	18.90	32.30	53.90	96.20
		Output Torque Nm	75	167	348	725	1080	2230	3770	6200	11100
20.0	72.50	Input kW	0.60	1.39	2.82	5.53	10.50	20.70	35.60	49.90	76.70
		Output Torque Nm	76	180	371	724	1360	2730	4410	6350	10600
22.0	65.91	Input kW	0.51	1.26	2.68	4.89	9.13	18.90	32.00	44.30	70.70
		Output Torque Nm	76	180	376	724	1340	2760	4410	6350	10800
25.0	58.00	Input kW	0.46	1.14	2.35	4.52	7.26	14.20	22.70	38.30	63.80
		Output Torque Nm	75	180	378	725	1210	2370	3770	6200	10600
28.0	51.79	Input kW	0.42	1.01	2.19	4.13	6.30	13.00	19.70	34.40	55.60
		Output Torque Nm	75	180	386	725	1150	2400	3770	6200	9970
32.0	45.31	Input kW	0.37	0.89	1.91	3.55	6.81	13.80	22.50	31.40	48.80
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10700
36.0	40.28	Input kW	0.33	0.80	1.75	3.24	6.20	12.50	19.50	28.30	45.60
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10800
40.0	36.25	Input kW	0.23	0.72	1.42	2.87	5.10	9.62	17.60	26.20	39.90
		Output Torque Nm	56	180	349	715	1320	2470	4160	6460	9940
45.0	32.22	Input kW	0.20	0.64	1.30	2.64	4.65	8.71	15.30	23.60	37.10
		Output Torque Nm	56	180	350	717	1320	2470	4160	6460	10000
50.0	29.00	Input kW	0.23	0.60	1.24	2.16	4.64	9.14	14.00	18.40	25.10
		Output Torque Nm	72	180	379	663	1410	2860	4260	5660	8140
56.0	25.89	Input kW	0.19	0.52	0.79	1.59	4.04	5.71	11.80	18.40	23.20
		Output Torque Nm	70	176	275	570	1410	2000	4160	6030	8450
63.0	23.02	Input kW	0.15	0.49	0.98	1.92	3.47	6.35	11.40	17.20	25.10
		Output Torque Nm	55	180	361	718	1330	2470	4160	6460	9270
71.0	20.42	Input kW	0.13	0.43	0.79	1.59	3.03	5.66	10.60	16.10	23.20
		Output Torque Nm	55	180	324	663	1330	2470	4160	6460	9630

RATINGS AT 1450 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	40.28	Input kW	0.33	0.81	1.63	3.23					
		Output Torque Nm	75	180	365	725					
40.0	36.25	Input kW	0.29	0.71	1.46	2.78				21.90	37.50
		Output Torque Nm	75	180	372	725				5530	9740
45.0	32.22	Input kW	0.27	0.64	1.38	2.54				22.20	36.40
		Output Torque Nm	76	180	392	724				6170	11000
50.0	29.00	Input kW	0.23	0.56	1.21	2.18				20.10	32.10
		Output Torque Nm	76	180	392	724				6310	11000
56.0	25.89	Input kW	0.22	0.53	1.07	1.97	3.76	6.84	9.94	17.30	28.10
		Output Torque Nm	75	180	393	725	1400	2590	3770	6190	10500
63.0	23.02	Input kW	0.18	0.45	0.99	1.84	3.33	6.29	8.95	15.30	26.00
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	10700
71.0	20.42	Input kW	0.17	0.41	0.84	1.55	3.05	6.10	9.65	14.20	22.30
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
80.0	18.13	Input kW	0.15	0.35	0.78	1.45	2.70	5.49	8.67	12.60	20.30
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
90.0	16.11	Input kW	0.13	0.32	0.69	1.26	2.36	4.46	6.27	10.90	18.80
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	14.50	Input kW	0.12	0.29	0.61	1.15	2.15	4.04	5.45	9.79	17.30
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	12.95	Input kW	0.10	0.25	0.54	0.99	1.91	3.89	6.22	8.95	14.10
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
125.0	11.60	Input kW	0.09	0.23	0.48	0.91	1.74	3.52	5.40	8.04	13.00
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
140.0	10.36	Input kW	0.06	0.20	0.40	0.80	1.44	2.71	4.89	7.47	11.40
		Output Torque Nm	54	180	351	707	1330	2470	4160	6460	10100
160.0	9.06	Input kW	0.06	0.18	0.36	0.73	1.31	2.46	4.25	6.71	10.50
		Output Torque Nm	54	180	351	707	1330	2470	4170	6460	10100
180.0	8.06	Input kW	0.07	0.17	0.36	0.67	1.30	2.57	4.00	5.86	9.49
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
200.0	7.25	Input kW	0.06	0.15	0.32	0.60	1.14	2.29	3.73	5.50	8.48
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
225.0	6.44	Input kW	0.05	0.13	0.27	0.53	0.98	1.79	3.15	4.89	7.66
		Output Torque Nm	58	180	351	707	1330	2470	4170	6460	10100
250.0	5.80	Input kW	0.04	0.12	0.24	0.48	0.85	1.59	2.93	4.59	6.84
		Output Torque Nm	60	180	351	707	1330	2470	4170	6460	10100

RATINGS AT 1450 REV/MIN INPUT

QUADRUPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT						
			M0640	M0740	M0840	M0940	M1040	M1340	M1440
250	5.80	Input kW	0.251	0.471	0.859	1.717	2.913	3.391	6.331
		Output Torque Nm	390	725	1400	2800	4400	6200	11100
300	4.83	Input kW	0.212	0.372	0.707	1.368	1.813	3.007	5.644
		Output Torque Nm	390	725	1400	2800	3800	6200	11100
350	4.14	Input kW	0.181	0.318	0.609	1.249	1.634	2.799	5.072
		Output Torque Nm	390	725	1400	2800	3800	6400	11100
400	3.63	Input kW	0.167	0.292	0.571	1.074	1.423	2.481	4.095
		Output Torque Nm	390	725	1400	2800	3800	6400	11100
450	3.22	Input kW	0.138	0.258	0.478	0.956	1.388	2.161	3.525
		Output Torque Nm	390	725	1400	2800	3800	6200	11100
500	2.90	Input kW	0.132	0.230	0.448	0.909	1.124	1.917	3.189
		Output Torque Nm	390	725	1400	2800	3800	6200	11100
560	2.59	Input kW	0.115	0.212	0.405	0.809	1.268	1.761	2.830
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
650	2.23	Input kW	0.104	0.181	0.358	0.714	1.021	1.584	2.577
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
780	1.86	Input kW	0.084	0.146	0.281	0.577	0.916	1.280	2.288
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
860	1.69	Input kW	0.080	0.138	0.256	0.535	0.846	1.127	2.014
		Output Torque Nm	390	725	1400	2800	4300	6200	11100
1000	1.45	Input kW	0.067	0.115	0.234	0.460	0.731	1.028	1.793
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1100	1.32	Input kW	0.063	0.109	0.207	0.421	0.628	0.912	1.632
		Output Torque Nm	390	725	1400	2800	4300	6200	11100
1200	1.21	Input kW	0.054	0.098	0.188	0.371	0.608	0.833	1.452
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1350	1.07	Input kW	0.051	0.092	0.166	0.339	0.523	0.733	1.327
		Output Torque Nm	390	725	1400	2800	4300	6200	11100
1550	0.94	Input kW	0.043	0.077	0.152	0.302	0.473	0.665	1.161
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1700	0.85	Input kW	0.040	0.073	0.135	0.267	0.420	0.628	0.981
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1900	0.76	Input kW	0.034	0.062	0.119	0.215	0.389	0.537	0.855
		Output Torque Nm	380	725	1400	2500	4400	6400	11100
2100	0.69	Input kW	0.032	0.059	0.105	0.190	0.337	0.514	0.783
		Output Torque Nm	380	725	1400	2500	4300	6500	11100
2300	0.63	Input kW	0.028	0.048	0.100	0.169	0.304	0.448	0.766
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
2600	0.56	Input kW	0.025	0.043	0.089	0.157	0.277	0.409	0.683
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
2900	0.50	Input kW	0.022	0.034	0.079	0.139	0.250	0.378	0.546
		Output Torque Nm	380	600	1400	2500	4300	6500	9650
3200	0.45	Input kW	0.021	0.038	0.071	0.124	0.227	0.330	0.516
		Output Torque Nm	380	725	1400	2500	4300	6500	9650
3550	0.41	Input kW	0.019	0.032	0.062	0.116	0.207	0.302	0.451
		Output Torque Nm	380	675	1400	2500	4300	6500	9650
3900	0.37	Input kW	0.017	0.031	0.058	0.104	0.187	0.285	0.413
		Output Torque Nm	380	725	1400	2500	4300	6500	9650
4350	0.33	Input kW	0.015	0.026	0.052	0.085	0.174	0.249	0.362
		Output Torque Nm	380	675	1400	2300	4300	6500	9650

RATINGS AT 1450 REV/MIN INPUT

QUINTUPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT						
			M0650	M0750	M0850	M0950	M1050	M1350	M1450
4800	0.30	Input kW	0.013	0.023	0.046	0.091	0.153	0.220	0.355
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
5300	0.27	Input kW	0.012	0.021	0.043	0.085	0.138	0.199	0.320
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
5500	0.26	Input kW	0.012	0.022	0.041	0.082	0.129	0.194	0.315
		Output Torque Nm	380	725	1400	2800	4400	6400	11100
6000	0.24	Input kW	0.011	0.018	0.037	0.074	0.114	0.172	0.280
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
6800	0.21	Input kW	0.010	0.018	0.034	0.061	0.105	0.162	0.254
		Output Torque Nm	380	725	1400	2500	4300	6500	11100
7500	0.19	Input kW	0.009	0.015	0.030	0.054	0.093	0.144	0.232
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
8200	0.18	Input kW	0.008	0.014	0.028	0.055	0.082	0.130	0.207
		Output Torque Nm	380	675	1400	2800	4200	6500	11100
8700	0.17	Input kW	0.008	0.014	0.027	0.053	0.085	0.120	0.223
		Output Torque Nm	380	725	1400	2800	4400	6400	11100
9200	0.16	Input kW	0.007	0.013	0.025	0.050	0.077	0.120	0.187
		Output Torque Nm	380	725	1400	2800	4300	6500	11100
9600	0.15	Input kW	0.007	0.012	0.024	0.048	0.077	0.115	0.203
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
10300	0.14	Input kW	0.007	0.011	0.022	0.041	0.070	0.108	0.168
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
11000	0.13	Input kW	0.006	0.009	0.021	0.043	0.064	0.096	0.150
		Output Torque Nm	380	600	1400	2800	4400	6400	11100
12000	0.12	Input kW	0.006	0.010	0.020	0.035	0.058	0.087	0.147
		Output Torque Nm	380	725	1400	2500	4400	6400	11100
13000	0.11	Input kW	0.005	0.008	0.018	0.032	0.053	0.081	0.135
		Output Torque Nm	380	600	1400	2500	4300	6500	11100
14500	0.10	Input kW	0.005	0.008	0.016	0.029	0.047	0.073	0.120
		Output Torque Nm	380	725	1400	2500	4300	6500	10100
16200	0.09	Input kW	0.004	0.007	0.014	0.026	-	-	0.109
		Output Torque Nm	380	675	1400	2500	-	-	10100

RATINGS AT 1160 REV/MIN INPUT

DOUBLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power page 124

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	828.57	Input kW	2.87	4.22	9.18	10.50	16.50	52.20	62.60		
		Output Torque Nm	33	49	106	121	191	620	722		
1.8	644.44	Input kW	2.36	4.22	8.72	10.50	16.50	44.60	62.60		
		Output Torque Nm	37	69	143	169	272	730	1010		
2.2	527.27	Input kW	2.12	4.22	8.49	10.50	16.50	42.10	62.60		
		Output Torque Nm	38	76	156	190	303	773	1100		
2.5	464.00	Input kW	1.97	4.22	8.14	10.50	16.50	39.60	62.60		
		Output Torque Nm	40	86	167	209	337	815	1250		
2.8	414.29	Input kW	2.98	4.22	8.99	10.50	16.50	52.20	62.60	77.90	110.00
		Output Torque Nm	70	95	202	241	384	1240	1500	1810	2520
3.2	362.50	Input kW	1.60	3.47	7.34	10.50	16.50	34.50	60.10	77.90	110.00
		Output Torque Nm	41	90	192	273	436	917	1570	1990	2840
3.6	322.22	Input kW	1.53	3.19	6.83	10.50	16.50	31.80	55.70	77.90	110.00
		Output Torque Nm	43	94	202	310	490	945	1570	2260	3330
4.0	290.00	Input kW	2.36	3.94	7.53	10.50	16.50	44.60	62.60	77.90	110.00
		Output Torque Nm	75	124	239	334	546	1460	2090	2510	3530
4.5	257.78	Input kW	2.08	3.73	7.08	10.50	16.50	42.10	62.60	77.90	110.00
		Output Torque Nm	75	130	252	376	607	1550	2280	2760	3970
5.0	232.00	Input kW	1.88	3.37	6.54	10.50	16.50	44.60	62.60	77.90	110.00
		Output Torque Nm	76	136	264	425	677	1810	2470	3140	4660
5.6	207.14	Input kW	1.65	3.19	6.14	10.50	16.50	42.10	62.60	77.90	110.00
		Output Torque Nm	76	141	277	476	752	1920	2690	3450	5250
6.3	184.13	Input kW	1.43	2.84	5.61	10.50	16.50	34.50	62.40	77.90	110.00
		Output Torque Nm	75	142	284	540	874	1640	3360	3880	5730
7.1	163.38	Input kW	1.33	2.56	5.09	10.50	16.50	31.80	59.40	77.90	110.00
		Output Torque Nm	75	146	292	614	982	1690	3460	4300	6360
8.0	145.00	Input kW	1.14	2.41	4.84	10.10	16.50	33.80	56.00	77.90	110.00
		Output Torque Nm	76	154	312	666	1080	2230	3560	4840	7570
9.0	128.89	Input kW	1.06	2.18	4.39	9.17	16.50	31.50	53.30	77.90	110.00
		Output Torque Nm	76	158	320	685	1220	2320	3660	5360	8400
10.0	116.00	Input kW	0.93	2.04	3.99	8.48	14.00	25.70	44.50	77.90	110.00
		Output Torque Nm	75	158	315	665	1150	2120	3770	6170	8800
11.0	105.45	Input kW	0.81	1.85	3.57	7.62	12.70	23.40	39.30	66.10	109.00
		Output Torque Nm	75	163	327	686	1210	2200	3770	5940	9990
12.0	96.67	Input kW	0.74	1.73	3.43	7.26	13.80	25.30	41.50	64.20	96.90
		Output Torque Nm	76	170	344	723	1400	2590	4160	6350	10300
14.0	82.86	Input kW	0.65	1.57	3.06	6.32	11.90	23.20	38.30	56.20	86.20
		Output Torque Nm	76	176	357	724	1400	2700	4330	6290	10400
16.0	72.50	Input kW	0.60	1.23	2.76	5.63	8.39	17.90	28.70	48.60	84.80
		Output Torque Nm	75	155	357	725	1100	2380	3770	6200	11100
18.0	64.44	Input kW	0.52	1.21	2.63	4.98	7.30	16.30	25.80	43.10	77.00
		Output Torque Nm	75	167	363	725	1080	2400	3770	6200	11100
20.0	58.00	Input kW	0.48	1.12	2.36	4.42	8.39	17.30	28.50	39.90	61.30
		Output Torque Nm	76	180	388	724	1360	2860	4410	6350	10600
22.0	52.73	Input kW	0.41	1.03	2.23	3.91	7.30	15.60	25.60	35.40	56.60
		Output Torque Nm	76	180	392	724	1340	2860	4410	6350	10800
25.0	46.40	Input kW	0.37	0.91	1.95	3.61	5.81	12.30	18.10	30.60	51.00
		Output Torque Nm	75	180	393	725	1210	2560	3770	6200	10600
28.0	41.43	Input kW	0.33	0.81	1.76	3.30	5.04	11.20	15.80	27.50	44.50
		Output Torque Nm	75	180	393	725	1150	2580	3770	6200	9980
32.0	36.25	Input kW	0.29	0.71	1.53	2.84	5.45	11.10	18.00	25.20	39.00
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10700
36.0	32.22	Input kW	0.27	0.63	1.40	2.59	4.96	10.00	15.60	22.60	36.50
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10800
40.0	29.00	Input kW	0.18	0.58	1.13	2.30	4.08	7.70	14.10	21.00	32.50
		Output Torque Nm	55	180	349	715	1330	2470	4160	6460	10100
45.0	25.78	Input kW	0.16	0.51	1.04	2.11	3.72	6.97	12.30	18.90	29.90
		Output Torque Nm	55	180	350	717	1330	2470	4160	6460	10100
50.0	23.20	Input kW	0.18	0.46	0.99	1.72	3.71	7.31	11.20	14.70	20.00
		Output Torque Nm	72	180	379	663	1410	2860	4260	5660	8140
56.0	20.71	Input kW	0.16	0.41	0.63	1.26	3.23	4.49	9.48	14.70	18.60
		Output Torque Nm	70	176	275	570	1410	2000	4160	6030	8450
63.0	18.41	Input kW	0.12	0.39	0.79	1.53	2.78	5.08	9.09	13.70	20.00
		Output Torque Nm	55	180	361	718	1330	2470	4160	6460	9270
71.0	16.34	Input kW	0.10	0.34	0.63	1.28	2.42	4.49	8.48	12.90	18.60
		Output Torque Nm	55	180	324	663	1330	2450	4160	6460	9630

RATINGS AT 1160 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	32.22	Input kW	0.27	0.65	1.35	2.58					
		Output Torque Nm	75	180	380	725					
40.0	29.00	Input kW	0.23	0.57	1.22	2.22				18.20	31.20
		Output Torque Nm	75	180	390	725				5750	10100
45.0	25.78	Input kW	0.21	0.51	1.10	2.03				18.30	29.10
		Output Torque Nm	76	180	392	724				6350	11000
50.0	23.20	Input kW	0.19	0.45	0.97	1.75				16.10	25.60
		Output Torque Nm	76	180	392	725				6350	11000
56.0	20.71	Input kW	0.17	0.42	0.86	1.57	3.00	5.59	7.94	13.80	23.40
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	10900
63.0	18.41	Input kW	0.15	0.36	0.79	1.47	2.66	5.03	7.15	12.30	21.60
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
71.0	16.34	Input kW	0.14	0.33	0.67	1.24	2.44	4.88	7.87	11.40	17.90
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
80.0	14.50	Input kW	0.12	0.28	0.62	1.16	2.16	4.39	7.09	10.10	16.20
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
90.0	12.89	Input kW	0.11	0.26	0.55	1.01	1.89	3.57	5.02	8.71	15.00
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	11.60	Input kW	0.09	0.23	0.49	0.92	1.72	3.23	4.36	7.83	13.90
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	10.36	Input kW	0.08	0.20	0.43	0.79	1.53	3.11	4.97	7.15	11.30
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
125.0	9.28	Input kW	0.08	0.18	0.38	0.73	1.39	2.82	4.32	6.43	10.40
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
140.0	8.29	Input kW	0.05	0.16	0.32	0.64	1.15	2.17	3.91	5.97	9.12
		Output Torque Nm	55	180	351	707	1330	2470	4170	6460	10100
160.0	7.25	Input kW	0.05	0.15	0.29	0.58	1.04	1.96	3.39	5.37	8.40
		Output Torque Nm	57	180	351	707	1330	2470	4170	6460	10100
180.0	6.44	Input kW	0.05	0.13	0.29	0.53	1.04	2.05	3.20	4.69	7.59
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
200.0	5.80	Input kW	0.05	0.12	0.26	0.48	0.91	1.83	2.98	4.40	6.78
		Output Torque Nm	76	180	397	734	1410	2860	4410	6350	11000
225.0	5.16	Input kW	0.04	0.11	0.22	0.43	0.78	1.43	2.51	3.91	6.13
		Output Torque Nm	62	180	351	707	1330	2470	4170	6460	10100
250.0	4.64	Input kW	0.03	0.09	0.19	0.38	0.69	1.28	2.34	3.67	5.47
		Output Torque Nm	64	180	351	707	1340	2480	4170	6460	10100

RATINGS AT 960 REV/MIN INPUT

DOUBLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	685.71	Input kW	2.38	3.49	8.09	8.65	13.70	46.00	51.80		
		Output Torque Nm	33	49	113	122	191	661	722		
1.8	533.33	Input kW	1.95	3.49	7.68	8.65	13.70	39.30	51.80		
		Output Torque Nm	37	69	152	169	273	779	1010		
2.2	436.36	Input kW	1.75	3.49	7.47	8.65	13.70	37.10	51.80		
		Output Torque Nm	38	76	165	190	303	824	1100		
2.5	384.00	Input kW	1.63	3.49	6.74	8.65	13.70	34.90	51.80		
		Output Torque Nm	40	87	168	209	337	869	1250		
2.8	342.86	Input kW	2.47	3.49	7.92	8.65	13.70	46.00	51.80	64.50	90.60
		Output Torque Nm	70	95	216	241	384	1320	1500	1810	2520
3.2	300.00	Input kW	1.33	2.87	6.25	8.65	13.70	30.40	49.80	64.50	90.60
		Output Torque Nm	41	91	198	273	437	978	1570	1990	2840
3.6	266.67	Input kW	1.27	2.64	5.81	8.65	13.70	28.10	46.10	64.50	90.60
		Output Torque Nm	43	94	208	311	490	1010	1570	2260	3330
4.0	240.00	Input kW	1.95	3.42	6.64	8.65	13.70	39.30	51.80	64.50	90.60
		Output Torque Nm	75	131	254	334	546	1560	2090	2510	3530
4.5	213.33	Input kW	1.72	3.18	6.23	8.65	13.70	37.10	51.80	64.50	90.60
		Output Torque Nm	75	134	268	376	607	1650	2280	2760	3970
5.0	192.00	Input kW	1.55	2.93	5.76	8.65	13.70	39.30	51.80	64.50	90.60
		Output Torque Nm	76	142	281	425	677	1930	2470	3140	4660
5.6	171.43	Input kW	1.37	2.72	5.40	8.65	13.70	37.10	51.80	64.50	90.60
		Output Torque Nm	76	146	295	476	753	2040	2690	3450	5240
6.3	152.38	Input kW	1.19	2.42	4.78	8.65	13.70	30.40	51.80	64.50	90.60
		Output Torque Nm	75	147	292	540	875	1960	3370	3880	5730
7.1	135.21	Input kW	1.10	2.20	4.34	8.65	13.70	28.10	51.80	64.50	90.60
		Output Torque Nm	75	152	301	614	982	2020	3640	4300	6360
8.0	120.00	Input kW	0.94	2.06	4.12	8.64	13.70	29.60	49.00	64.50	90.60
		Output Torque Nm	76	159	321	686	1080	2360	3760	4840	7570
9.0	106.67	Input kW	0.88	1.87	3.73	7.81	13.70	27.50	46.70	64.50	90.60
		Output Torque Nm	76	164	330	705	1220	2450	3870	5370	8400
10.0	96.00	Input kW	0.77	1.75	3.44	7.14	12.40	22.70	36.80	64.50	90.60
		Output Torque Nm	75	165	327	676	1230	2260	3770	6180	8810
11.0	87.27	Input kW	0.67	1.60	3.08	6.56	11.20	20.60	32.50	54.70	90.60
		Output Torque Nm	75	170	341	714	1290	2340	3770	5940	9990
12.0	80.00	Input kW	0.61	1.49	2.95	6.01	11.40	22.20	36.40	53.20	80.20
		Output Torque Nm	76	177	358	724	1400	2740	4400	6350	10300
14.0	68.57	Input kW	0.54	1.33	2.64	5.23	9.82	20.30	32.20	46.50	71.30
		Output Torque Nm	76	180	372	724	1400	2860	4410	6290	10400
16.0	60.00	Input kW	0.50	1.02	2.38	4.66	6.95	15.70	23.70	40.20	70.20
		Output Torque Nm	75	155	371	725	1100	2530	3770	6200	11100
18.0	53.33	Input kW	0.43	1.01	2.26	4.12	6.04	14.30	21.40	35.70	63.70
		Output Torque Nm	75	167	377	725	1080	2560	3770	6200	11100
20.0	48.00	Input kW	0.40	0.92	1.97	3.66	6.95	14.30	23.50	33.00	50.70
		Output Torque Nm	76	180	392	724	1360	2860	4410	6350	10600
22.0	43.64	Input kW	0.34	0.85	1.85	3.24	6.04	12.90	21.20	29.30	46.80
		Output Torque Nm	76	180	392	724	1340	2860	4410	6350	10800
25.0	38.40	Input kW	0.31	0.75	1.62	2.99	4.81	10.50	15.00	25.40	42.20
		Output Torque Nm	75	180	393	725	1210	2640	3770	6200	10600
28.0	34.29	Input kW	0.28	0.67	1.48	2.73	4.17	9.51	13.00	22.80	36.80
		Output Torque Nm	75	180	393	725	1150	2640	3770	6200	9980
32.0	30.00	Input kW	0.24	0.59	1.27	2.35	4.51	9.16	14.90	20.80	32.30
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10700
36.0	26.67	Input kW	0.22	0.53	1.16	2.15	4.11	8.30	12.90	18.70	30.20
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10800
40.0	24.00	Input kW	0.15	0.48	0.94	1.90	3.37	6.37	11.70	17.40	26.90
		Output Torque Nm	55	180	349	715	1330	2470	4160	6460	10100
45.0	21.33	Input kW	0.13	0.42	0.86	1.74	3.07	5.77	10.10	15.60	24.80
		Output Torque Nm	55	180	350	717	1330	2470	4160	6460	10100
50.0	19.20	Input kW	0.15	0.40	0.82	1.43	3.07	6.05	9.25	12.20	16.60
		Output Torque Nm	72	180	379	663	1410	2860	4260	5660	8140
56.0	17.14	Input kW	0.13	0.34	0.52	1.06	2.68	3.67	7.84	12.20	15.40
		Output Torque Nm	70	176	275	570	1410	2000	4160	6030	8450
63.0	15.24	Input kW	0.10	0.32	0.65	1.27	2.30	4.21	7.52	11.40	16.60
		Output Torque Nm	55	180	361	718	1330	2470	4160	6460	9280
71.0	13.52	Input kW	0.09	0.28	0.52	1.06	2.00	3.67	7.02	10.70	15.40
		Output Torque Nm	55	180	324	663	1330	2420	4160	6460	9630

RATINGS AT 960 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	26.67	Input kW	0.22	0.54	1.16	2.14					
		Output Torque Nm	75	180	393	725					
40.0	24.00	Input kW	0.19	0.47	1.02	1.84				15.60	26.60
		Output Torque Nm	75	180	393	725				5940	10500
45.0	21.33	Input kW	0.17	0.42	0.91	1.68				15.10	24.10
		Output Torque Nm	76	180	392	725				6350	11000
50.0	19.20	Input kW	0.15	0.37	0.80	1.44				13.40	21.20
		Output Torque Nm	76	180	392	725				6350	11000
56.0	17.14	Input kW	0.14	0.35	0.71	1.30	2.48	4.62	6.57	11.40	19.70
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
63.0	15.24	Input kW	0.12	0.30	0.65	1.22	2.20	4.16	5.91	10.10	17.80
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
71.0	13.52	Input kW	0.11	0.27	0.56	1.02	2.01	4.03	6.51	9.39	14.80
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
80.0	12.00	Input kW	0.10	0.23	0.51	0.96	1.79	3.63	5.86	8.33	13.40
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
90.0	10.67	Input kW	0.09	0.21	0.46	0.83	1.56	2.95	4.15	7.21	12.40
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	9.60	Input kW	0.08	0.19	0.41	0.76	1.42	2.67	3.60	6.48	11.50
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	8.57	Input kW	0.07	0.17	0.36	0.66	1.27	2.57	4.11	5.92	9.34
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
125.0	7.68	Input kW	0.06	0.15	0.32	0.60	1.15	2.33	3.57	5.32	8.61
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
140.0	6.86	Input kW	0.05	0.14	0.27	0.53	0.95	1.79	3.23	4.94	7.54
		Output Torque Nm	58	180	351	707	1330	2470	4170	6460	10100
160.0	6.00	Input kW	0.04	0.12	0.24	0.48	0.86	1.62	2.81	4.44	6.95
		Output Torque Nm	60	180	351	707	1330	2470	4170	6460	10100
180.0	5.33	Input kW	0.05	0.11	0.25	0.45	0.86	1.70	2.65	3.88	6.28
		Output Torque Nm	76	180	400	737	1410	2860	4410	6350	11000
200.0	4.80	Input kW	0.04	0.10	0.22	0.40	0.75	1.51	2.47	3.64	5.61
		Output Torque Nm	76	180	400	737	1410	2860	4410	6350	11000
225.0	4.27	Input kW	0.03	0.09	0.18	0.35	0.65	1.19	2.10	3.23	5.07
		Output Torque Nm	65	180	351	707	1340	2480	4210	6460	10100
250.0	3.84	Input kW	0.03	0.08	0.16	0.31	0.58	1.06	1.97	3.04	4.53
		Output Torque Nm	67	180	351	707	1360	2480	4240	6460	10100

RATINGS AT 960 REV/MIN INPUT

QUADRUPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT						
			M0640	M0740	M0840	M0940	M1040	M1340	M1440
250	3.84	Input kW	0.165	0.311	0.568	1.136	1.927	2.242	4.185
		Output Torque Nm	390	725	1400	2800	4400	6200	11100
300	3.20	Input kW	0.140	0.246	0.468	0.905	1.199	1.987	3.730
		Output Torque Nm	390	725	1400	2800	3800	6200	11100
350	2.74	Input kW	0.120	0.210	0.402	0.826	1.080	1.849	3.351
		Output Torque Nm	390	725	1400	2800	3800	6400	11100
400	2.40	Input kW	0.110	0.193	0.377	0.710	0.940	1.639	2.704
		Output Torque Nm	390	725	1400	2800	3800	6400	11100
450	2.13	Input kW	0.091	0.170	0.316	0.632	0.917	1.427	2.327
		Output Torque Nm	390	725	1400	2800	3800	6200	11100
500	1.92	Input kW	0.087	0.152	0.296	0.601	0.742	1.268	2.104
		Output Torque Nm	390	725	1400	2800	3800	6200	11100
560	1.71	Input kW	0.076	0.140	0.267	0.535	0.837	1.163	1.867
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
650	1.48	Input kW	0.068	0.120	0.236	0.472	0.674	1.045	1.700
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
780	1.23	Input kW	0.055	0.096	0.186	0.381	0.605	0.844	1.508
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
860	1.12	Input kW	0.052	0.091	0.169	0.353	0.558	0.743	1.326
		Output Torque Nm	390	725	1400	2800	4300	6200	11100
1000	0.96	Input kW	0.044	0.076	0.155	0.304	0.482	0.677	1.180
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1100	0.87	Input kW	0.041	0.072	0.136	0.276	0.414	0.600	1.073
		Output Torque Nm	390	725	1400	2800	4300	6200	11100
1200	0.80	Input kW	0.035	0.064	0.124	0.244	0.401	0.548	0.955
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1350	0.71	Input kW	0.033	0.061	0.109	0.224	0.345	0.482	0.871
		Output Torque Nm	390	725	1400	2800	4300	6200	11100
1550	0.62	Input kW	0.028	0.051	0.100	0.199	0.311	0.436	0.762
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1700	0.56	Input kW	0.026	0.048	0.089	0.176	0.276	0.412	0.646
		Output Torque Nm	390	725	1400	2800	4400	6400	11100
1900	0.51	Input kW	0.022	0.041	0.079	0.142	0.257	0.354	0.563
		Output Torque Nm	380	725	1400	2500	4400	6400	11100
2100	0.46	Input kW	0.021	0.039	0.070	0.125	0.222	0.336	0.515
		Output Torque Nm	380	725	1400	2500	4300	6500	11100
2300	0.42	Input kW	0.018	0.032	0.066	0.112	0.200	0.295	0.504
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
2600	0.37	Input kW	0.016	0.028	0.059	0.103	0.183	0.269	0.448
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
2900	0.33	Input kW	0.015	0.023	0.052	0.091	0.165	0.249	0.358
		Output Torque Nm	380	600	1400	2500	4300	6500	9650
3200	0.30	Input kW	0.014	0.025	0.047	0.082	0.149	0.217	0.338
		Output Torque Nm	380	725	1400	2500	4300	6500	9650
3550	0.27	Input kW	0.012	0.021	0.041	0.076	0.136	0.198	0.295
		Output Torque Nm	380	675	1400	2500	4300	6500	9650
3900	0.25	Input kW	0.011	0.020	0.038	0.068	0.123	0.187	0.270
		Output Torque Nm	380	725	1400	2500	4300	6500	9650
4350	0.22	Input kW	0.010	0.017	0.034	0.056	0.114	0.163	0.236
		Output Torque Nm	380	675	1400	2300	4300	6500	9650

RATINGS AT 960 REV/MIN INPUT

QUINTUPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT						
			M0650	M0750	M0850	M0950	M1050	M1350	M1450
4800	0.20	Input kW	0.009	0.015	0.030	0.060	0.101	0.145	0.233
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
5300	0.18	Input kW	0.008	0.014	0.028	0.056	0.091	0.131	0.210
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
5500	0.17	Input kW	0.008	0.015	0.027	0.054	0.085	0.127	0.207
		Output Torque Nm	380	725	1400	2800	4400	6400	11100
6000	0.16	Input kW	0.007	0.012	0.024	0.049	0.075	0.113	0.184
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
6800	0.14	Input kW	0.006	0.012	0.022	0.040	0.069	0.106	0.168
		Output Torque Nm	380	725	1400	2500	4300	6500	11100
7500	0.13	Input kW	0.006	0.010	0.019	0.035	0.061	0.094	0.152
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
8200	0.12	Input kW	0.005	0.009	0.018	0.036	0.054	0.085	0.135
		Output Torque Nm	380	675	1400	2800	4200	6500	11100
8700	0.11	Input kW	0.005	0.009	0.017	0.035	0.056	0.079	0.146
		Output Torque Nm	380	725	1400	2800	4400	6400	11100
9200	0.10	Input kW	0.005	0.009	0.016	0.033	0.050	0.078	0.122
		Output Torque Nm	380	725	1400	2800	4300	6500	11100
9600	0.10	Input kW	0.005	0.008	0.016	0.032	0.051	0.075	0.133
		Output Torque Nm	380	675	1400	2800	4400	6400	11100
10300	0.09	Input kW	0.004	0.007	0.015	0.027	0.046	0.070	0.110
		Output Torque Nm	380	675	1400	2500	4300	6500	11100
11000	0.09	Input kW	0.004	0.006	0.014	0.028	0.042	0.063	0.098
		Output Torque Nm	380	600	1400	2800	4400	6400	11100
12000	0.08	Input kW	0.004	0.007	0.013	0.023	0.038	0.057	0.096
		Output Torque Nm	380	725	1400	2500	4400	6400	11100
13000	0.07	Input kW	0.003	0.005	0.012	0.021	0.035	0.053	0.089
		Output Torque Nm	380	600	1400	2500	4300	6500	11100
14500	0.07	Input kW	0.003	0.005	0.011	0.019	0.031	0.048	0.079
		Output Torque Nm	380	725	1400	2500	4300	6500	10100
16200	0.06	Input kW	0.003	0.005	0.009	0.017	-	-	0.071
		Output Torque Nm	380	675	1400	2500	-	-	10100

RATINGS AT 725 REV/MIN INPUT

DOUBLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	517.86	Input kW	1.79	2.63	6.38	6.53	10.30	38.20	39.10		
		Output Torque Nm	33	49	119	122	192	727	723		
1.8	402.78	Input kW	1.47	2.63	5.92	6.53	10.30	32.60	39.10		
		Output Torque Nm	37	69	155	169	273	856	1010		
2.2	329.55	Input kW	1.32	2.63	5.69	6.53	10.30	30.80	39.10		
		Output Torque Nm	38	76	167	190	303	906	1100		
2.5	290.00	Input kW	1.23	2.63	5.09	6.53	10.30	28.90	39.10		
		Output Torque Nm	40	87	168	209	338	956	1250		
2.8	258.93	Input kW	1.86	2.63	6.38	6.53	10.30	38.20	39.10	48.70	68.50
		Output Torque Nm	70	95	230	241	385	1460	1500	1810	2520
3.2	226.56	Input kW	1.00	2.17	4.93	6.53	10.30	25.20	37.60	48.70	68.50
		Output Torque Nm	41	91	207	273	437	1070	1570	1990	2840
3.6	201.39	Input kW	0.96	1.99	4.65	6.53	10.30	22.80	34.80	48.70	68.50
		Output Torque Nm	43	94	220	311	491	1090	1570	2260	3330
4.0	181.25	Input kW	1.47	2.63	5.33	6.53	10.30	32.60	39.10	48.70	68.50
		Output Torque Nm	75	133	271	335	547	1710	2100	2510	3530
4.5	161.11	Input kW	1.30	2.51	4.91	6.53	10.30	30.80	39.10	48.70	68.50
		Output Torque Nm	75	140	279	376	608	1810	2280	2760	3970
5.0	145.00	Input kW	1.17	2.31	4.63	6.53	10.30	32.60	39.10	48.70	68.50
		Output Torque Nm	76	149	299	426	678	2120	2470	3140	4660
5.6	129.46	Input kW	1.03	2.14	4.25	6.53	10.30	30.70	39.10	48.70	68.50
		Output Torque Nm	76	152	308	478	753	2250	2690	3450	5240
6.3	115.08	Input kW	0.89	1.94	3.79	6.53	10.30	25.20	39.10	48.70	68.50
		Output Torque Nm	75	156	307	540	875	2150	3370	3880	5730
7.1	102.11	Input kW	0.83	1.76	3.46	6.53	10.30	23.30	39.10	48.70	68.50
		Output Torque Nm	75	161	319	614	983	2220	3640	4300	6370
8.0	90.63	Input kW	0.71	1.65	3.27	6.53	10.30	24.30	39.10	48.70	68.50
		Output Torque Nm	76	168	337	687	1080	2560	3980	4850	7570
9.0	80.56	Input kW	0.66	1.50	2.98	6.05	10.30	22.60	38.30	48.70	68.50
		Output Torque Nm	76	174	349	724	1220	2670	4210	5370	8410
10.0	72.50	Input kW	0.58	1.40	2.66	5.39	10.20	18.80	27.80	48.70	68.50
		Output Torque Nm	75	175	335	677	1350	2480	3770	6180	8810
11.0	65.91	Input kW	0.51	1.27	2.46	5.03	9.16	17.10	24.50	41.30	68.40
		Output Torque Nm	75	180	361	725	1400	2570	3770	5940	9990
12.0	60.42	Input kW	0.46	1.14	2.36	4.54	8.63	17.50	27.50	40.10	60.60
		Output Torque Nm	76	180	379	724	1410	2860	4410	6350	10300
14.0	51.79	Input kW	0.41	1.00	2.10	3.95	7.42	15.30	24.30	35.10	53.90
		Output Torque Nm	76	180	392	724	1410	2860	4410	6290	10400
16.0	45.31	Input kW	0.38	0.77	1.90	3.52	5.25	12.40	17.90	30.40	53.00
		Output Torque Nm	75	155	393	725	1100	2640	3770	6200	11100
18.0	40.28	Input kW	0.32	0.76	1.76	3.11	4.56	11.20	16.10	26.90	48.10
		Output Torque Nm	75	167	393	725	1080	2640	3770	6200	11100
20.0	36.25	Input kW	0.30	0.70	1.49	2.76	5.25	10.80	17.80	24.90	38.30
		Output Torque Nm	76	180	392	724	1360	2860	4410	6350	10600
22.0	32.95	Input kW	0.26	0.64	1.39	2.45	4.56	9.75	16.00	22.10	35.40
		Output Torque Nm	76	180	392	724	1340	2860	4410	6350	10800
25.0	29.00	Input kW	0.23	0.57	1.22	2.26	3.63	7.93	11.30	19.10	31.90
		Output Torque Nm	75	180	393	725	1210	2640	3770	6200	10600
28.0	25.89	Input kW	0.21	0.51	1.11	2.06	3.15	7.18	9.85	17.20	27.80
		Output Torque Nm	75	180	393	725	1150	2640	3770	6200	9980
32.0	22.66	Input kW	0.18	0.45	0.96	1.77	3.40	6.92	11.20	15.70	24.40
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	10700
36.0	20.14	Input kW	0.17	0.40	0.87	1.62	3.10	6.26	9.76	14.10	22.80
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	10800
40.0	18.13	Input kW	0.11	0.36	0.71	1.44	2.55	4.81	8.82	13.10	20.30
		Output Torque Nm	55	180	349	715	1330	2470	4160	6460	10100
45.0	16.11	Input kW	0.10	0.32	0.65	1.32	2.32	4.35	7.66	11.80	18.70
		Output Torque Nm	55	180	350	717	1330	2470	4160	6460	10100
50.0	14.50	Input kW	0.11	0.30	0.62	1.08	2.32	4.57	6.98	9.19	12.50
		Output Torque Nm	72	180	379	663	1410	2860	4260	5660	8140
56.0	12.95	Input kW	0.10	0.26	0.40	0.80	2.02	2.72	5.92	9.19	11.60
		Output Torque Nm	70	176	275	570	1410	1910	4160	6030	8450
63.0	11.51	Input kW	0.07	0.24	0.49	0.96	1.74	3.18	5.68	8.59	12.50
		Output Torque Nm	55	180	361	718	1330	2470	4160	6460	9280
71.0	10.21	Input kW	0.06	0.21	0.40	0.80	1.51	2.72	5.30	8.07	11.60
		Output Torque Nm	54	180	324	663	1330	2380	4160	6460	9630

RATINGS AT 725 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	20.14	Input kW	0.17	0.41	0.88	1.61					
		Output Torque Nm	75	180	393	725					
40.0	18.13	Input kW	0.14	0.35	0.77	1.39				12.30	21.30
		Output Torque Nm	75	180	393	725				6200	11100
45.0	16.11	Input kW	0.13	0.32	0.69	1.27				11.40	18.20
		Output Torque Nm	76	180	392	725				6350	11000
50.0	14.50	Input kW	0.12	0.28	0.61	1.09				10.10	16.00
		Output Torque Nm	76	180	392	725				6350	11000
56.0	12.95	Input kW	0.11	0.26	0.54	0.98	1.87	3.49	4.95	8.63	14.80
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
63.0	11.51	Input kW	0.09	0.22	0.49	0.92	1.66	3.14	4.46	7.66	13.50
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
71.0	10.21	Input kW	0.09	0.21	0.42	0.77	1.52	3.04	4.91	7.09	11.10
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
80.0	9.06	Input kW	0.07	0.18	0.39	0.72	1.35	2.74	4.42	6.29	10.10
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	11000
90.0	8.06	Input kW	0.07	0.16	0.34	0.63	1.18	2.23	3.13	5.44	9.39
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	7.25	Input kW	0.06	0.14	0.31	0.58	1.07	2.02	2.72	4.89	8.66
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	6.47	Input kW	0.05	0.13	0.27	0.50	0.95	1.94	3.10	4.47	7.05
		Output Torque Nm	76	180	395	730	1410	2860	4410	6350	11000
125.0	5.80	Input kW	0.05	0.11	0.25	0.46	0.87	1.76	2.70	4.02	6.50
		Output Torque Nm	76	180	400	737	1410	2860	4410	6350	11000
140.0	5.18	Input kW	0.04	0.10	0.20	0.40	0.72	1.35	2.44	3.73	5.69
		Output Torque Nm	63	180	351	707	1330	2470	4170	6460	10100
160.0	4.53	Input kW	0.03	0.09	0.18	0.36	0.66	1.23	2.13	3.35	5.25
		Output Torque Nm	65	180	351	707	1340	2480	4200	6460	10100
180.0	4.03	Input kW	0.03	0.08	0.19	0.34	0.66	1.28	2.00	2.93	4.74
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
200.0	3.63	Input kW	0.03	0.07	0.16	0.30	0.58	1.14	1.86	2.75	4.23
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
225.0	3.22	Input kW	0.03	0.07	0.14	0.27	0.51	0.89	1.61	2.44	3.83
		Output Torque Nm	69	180	351	707	1380	2480	4270	6460	10100
250.0	2.90	Input kW	0.02	0.06	0.12	0.24	0.45	0.80	1.50	2.29	3.42
		Output Torque Nm	71	180	351	707	1410	2480	4270	6460	10100

RATINGS AT 480 REV/MIN INPUT

DOUBLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	342.86	Input kW	1.19	1.74	4.22	4.33	6.84	25.90	25.90		
		Output Torque Nm	33	49	119	122	192	746	725		
1.8	266.67	Input kW	0.97	1.74	3.92	4.33	6.84	24.80	25.90		
		Output Torque Nm	37	69	155	169	273	983	1010		
2.2	218.18	Input kW	0.88	1.74	3.77	4.33	6.84	23.40	25.90		
		Output Torque Nm	38	76	167	190	304	1040	1100		
2.5	192.00	Input kW	0.81	1.74	3.37	4.33	6.84	21.70	25.90		
		Output Torque Nm	40	87	168	209	338	1090	1250		
2.8	171.43	Input kW	1.23	1.74	4.22	4.33	6.84	25.90	25.90	32.30	45.30
		Output Torque Nm	70	95	230	242	386	1490	1500	1810	2530
3.2	150.00	Input kW	0.66	1.44	3.27	4.33	6.84	16.90	24.90	32.30	45.30
		Output Torque Nm	41	91	207	274	437	1090	1570	1990	2840
3.6	133.33	Input kW	0.63	1.32	3.09	4.33	6.84	15.10	23.00	32.30	45.30
		Output Torque Nm	43	94	222	311	491	1090	1570	2280	3340
4.0	120.00	Input kW	0.98	1.74	3.77	4.33	6.84	24.80	25.90	32.30	45.30
		Output Torque Nm	75	133	289	335	548	1970	2100	2520	3530
4.5	106.67	Input kW	0.86	1.74	3.49	4.33	6.84	23.40	25.90	32.30	45.30
		Output Torque Nm	75	147	300	376	608	2080	2280	2770	3970
5.0	96.00	Input kW	0.78	1.65	3.27	4.33	6.84	24.70	25.90	32.30	45.30
		Output Torque Nm	76	161	320	426	679	2430	2470	3140	4660
5.6	85.71	Input kW	0.68	1.54	3.03	4.33	6.84	23.00	25.90	32.30	45.30
		Output Torque Nm	76	165	331	479	754	2540	2690	3450	5250
6.3	76.19	Input kW	0.59	1.32	2.73	4.33	6.84	19.10	25.90	32.30	45.30
		Output Torque Nm	75	161	335	541	876	2460	3380	3880	5740
7.1	67.61	Input kW	0.55	1.21	2.50	4.33	6.84	17.10	25.90	32.30	45.30
		Output Torque Nm	75	167	348	615	983	2460	3640	4300	6370
8.0	60.00	Input kW	0.47	1.16	2.36	4.33	6.84	17.50	25.90	32.30	45.30
		Output Torque Nm	76	180	368	688	1090	2790	3980	4850	7570
9.0	53.33	Input kW	0.44	1.02	2.15	4.01	6.84	15.70	25.90	32.30	45.30
		Output Torque Nm	76	180	381	724	1220	2790	4300	5370	8410
10.0	48.00	Input kW	0.38	0.94	1.76	3.57	6.84	13.10	18.40	32.30	45.30
		Output Torque Nm	75	177	335	677	1360	2610	3770	6180	8810
11.0	43.64	Input kW	0.34	0.84	1.66	3.33	6.07	11.60	16.20	27.40	45.30
		Output Torque Nm	75	180	368	725	1400	2640	3770	5940	9990
12.0	40.00	Input kW	0.31	0.75	1.62	3.00	5.71	11.60	18.20	26.60	40.10
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	10300
14.0	34.29	Input kW	0.27	0.66	1.39	2.62	4.91	10.10	16.10	23.20	35.60
		Output Torque Nm	76	180	392	724	1410	2860	4410	6290	10400
16.0	30.00	Input kW	0.25	0.51	1.26	2.33	3.47	8.22	11.90	20.10	35.10
		Output Torque Nm	75	155	393	725	1100	2640	3770	6200	11100
18.0	26.67	Input kW	0.21	0.50	1.18	2.06	3.02	7.40	10.70	17.80	31.80
		Output Torque Nm	75	167	393	725	1080	2640	3770	6200	11100
20.0	24.00	Input kW	0.20	0.46	0.99	1.83	3.47	7.17	11.80	16.50	25.40
		Output Torque Nm	76	180	392	725	1360	2860	4410	6350	10600
22.0	21.82	Input kW	0.17	0.42	0.92	1.62	3.02	6.45	10.60	14.60	23.40
		Output Torque Nm	76	180	392	725	1340	2860	4410	6350	10800
25.0	19.20	Input kW	0.15	0.38	0.81	1.49	2.40	5.25	7.50	12.70	21.10
		Output Torque Nm	75	180	393	725	1210	2640	3770	6200	10600
28.0	17.14	Input kW	0.14	0.34	0.74	1.37	2.09	4.75	6.52	11.40	18.40
		Output Torque Nm	75	180	393	725	1150	2640	3770	6200	9980
32.0	15.00	Input kW	0.12	0.30	0.63	1.17	2.25	4.58	7.44	10.40	16.10
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	10700
36.0	13.33	Input kW	0.11	0.26	0.58	1.07	2.05	4.15	6.46	9.35	15.10
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	10800
40.0	12.00	Input kW	0.07	0.24	0.47	0.95	1.69	3.18	5.84	8.67	13.40
		Output Torque Nm	55	180	349	715	1330	2470	4160	6460	10100
45.0	10.67	Input kW	0.07	0.21	0.43	0.87	1.54	2.88	5.07	7.80	12.40
		Output Torque Nm	55	180	350	717	1330	2470	4160	6460	10100
50.0	9.60	Input kW	0.08	0.20	0.41	0.71	1.54	3.02	4.62	6.08	8.29
		Output Torque Nm	72	180	380	664	1410	2860	4260	5660	8140
56.0	8.57	Input kW	0.06	0.17	0.26	0.53	1.34	1.77	3.92	6.08	7.69
		Output Torque Nm	70	176	275	570	1410	1900	4170	6030	8450
63.0	7.62	Input kW	0.05	0.16	0.32	0.63	1.15	2.10	3.76	5.68	8.29
		Output Torque Nm	56	180	361	718	1330	2470	4170	6460	9280
71.0	6.76	Input kW	0.05	0.14	0.26	0.53	1.00	1.77	3.51	5.34	7.69
		Output Torque Nm	58	180	325	664	1330	2340	4170	6460	9630

RATINGS AT 480 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	13.33	Input kW	0.11	0.27	0.58	1.07					
		Output Torque Nm	75	180	393	725					
40.0	12.00	Input kW	0.10	0.23	0.51	0.92				8.12	14.10
		Output Torque Nm	75	180	393	725				6200	11100
45.0	10.67	Input kW	0.09	0.21	0.45	0.84				7.55	12.00
		Output Torque Nm	76	180	392	725				6350	11000
50.0	9.60	Input kW	0.08	0.18	0.40	0.72				6.66	10.60
		Output Torque Nm	76	180	392	725				6350	11000
56.0	8.57	Input kW	0.07	0.17	0.35	0.65	1.24	2.31	3.28	5.71	9.82
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
63.0	7.62	Input kW	0.06	0.15	0.33	0.61	1.10	2.08	2.95	5.07	8.91
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
71.0	6.76	Input kW	0.06	0.14	0.28	0.51	1.00	2.01	3.25	4.69	7.38
		Output Torque Nm	76	180	393	727	1410	2860	4410	6350	11000
80.0	6.00	Input kW	0.05	0.12	0.26	0.48	0.89	1.81	2.92	4.16	6.69
		Output Torque Nm	76	180	397	733	1410	2860	4410	6350	11000
90.0	5.33	Input kW	0.04	0.11	0.23	0.42	0.78	1.47	2.07	3.60	6.21
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	4.80	Input kW	0.04	0.10	0.20	0.38	0.71	1.33	1.80	3.24	5.73
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	4.29	Input kW	0.04	0.08	0.18	0.33	0.64	1.28	2.05	2.96	4.67
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
125.0	3.84	Input kW	0.03	0.08	0.16	0.31	0.58	1.16	1.78	2.66	4.30
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
140.0	3.43	Input kW	0.03	0.07	0.13	0.26	0.50	0.90	1.65	2.46	3.77
		Output Torque Nm	69	180	351	707	1390	2480	4270	6460	10100
160.0	3.00	Input kW	0.02	0.06	0.12	0.24	0.46	0.81	1.44	2.22	3.47
		Output Torque Nm	70	180	351	707	1400	2480	4270	6460	10100
180.0	2.67	Input kW	0.02	0.05	0.12	0.22	0.44	0.85	1.32	1.94	3.14
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
200.0	2.40	Input kW	0.02	0.05	0.11	0.20	0.38	0.76	1.23	1.82	2.80
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
225.0	2.13	Input kW	0.02	0.04	0.09	0.18	0.35	0.59	1.07	1.61	2.53
		Output Torque Nm	73	180	351	707	1430	2480	4270	6460	10100
250.0	1.92	Input kW	0.02	0.04	0.08	0.16	0.30	0.53	0.99	1.52	2.26
		Output Torque Nm	74	180	351	707	1430	2480	4270	6460	10100

RATINGS AT 250 REV/MIN INPUT

DOUBLE REDUCTION

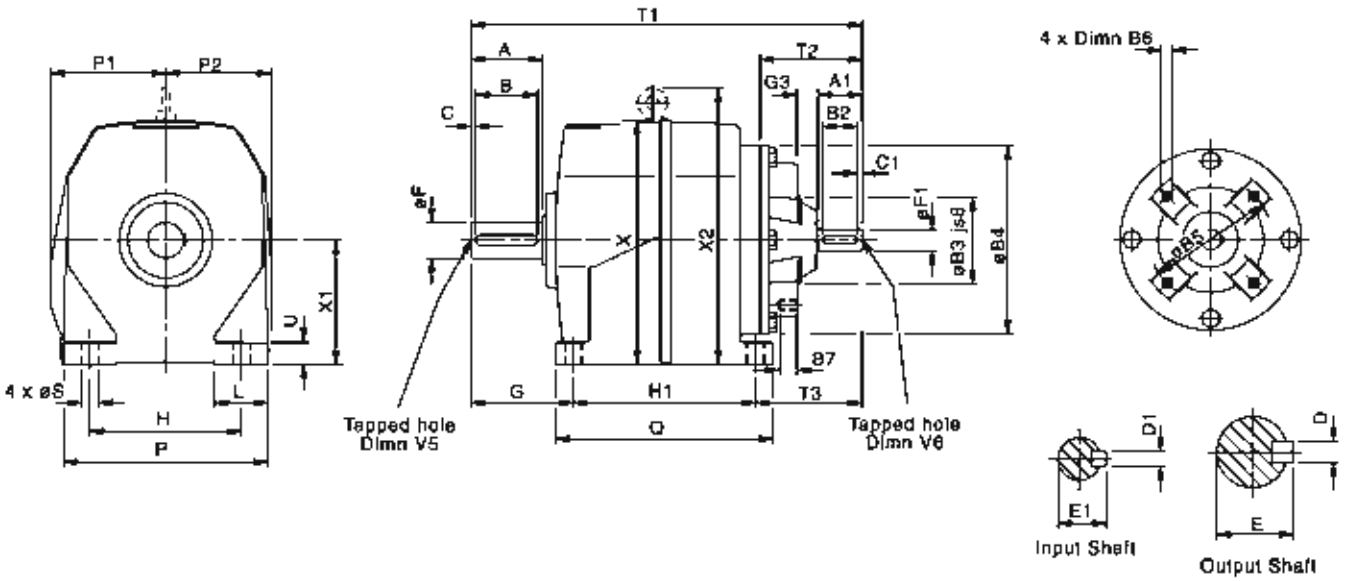
NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0320	M0420	M0620	M0720	M0820	M0920	M1020	M1320	M1420
1.4	178.57	Input kW	0.62	0.91	2.20	2.25	3.56	13.50	13.50		
		Output Torque Nm	33	49	119	122	193	747	726		
1.8	138.89	Input kW	0.51	0.91	2.04	2.25	3.56	13.50	13.50		
		Output Torque Nm	37	69	155	170	274	1030	1020		
2.2	113.64	Input kW	0.46	0.91	1.96	2.25	3.56	12.70	13.50		
		Output Torque Nm	38	76	167	191	304	1090	1100		
2.5	100.00	Input kW	0.42	0.91	1.75	2.25	3.56	11.30	13.50		
		Output Torque Nm	40	87	168	210	339	1090	1250		
2.8	89.29	Input kW	0.64	0.91	2.20	2.25	3.56	13.50	13.50	16.80	23.60
		Output Torque Nm	70	95	231	242	386	1500	1500	1820	2530
3.2	78.13	Input kW	0.34	0.75	1.70	2.25	3.56	8.78	12.90	16.80	23.60
		Output Torque Nm	41	91	207	274	438	1090	1570	2000	2840
3.6	69.44	Input kW	0.33	0.69	1.61	2.25	3.56	7.86	12.00	16.80	23.60
		Output Torque Nm	43	94	222	311	492	1090	1570	2270	3340
4.0	62.50	Input kW	0.51	0.91	2.04	2.25	3.56	13.50	13.50	16.80	23.60
		Output Torque Nm	75	134	301	335	548	2060	2100	2520	3530
4.5	55.56	Input kW	0.45	0.91	1.96	2.25	3.56	13.10	13.50	16.80	23.60
		Output Torque Nm	75	147	325	377	609	2240	2280	2770	3980
5.0	50.00	Input kW	0.40	0.91	1.95	2.25	3.56	13.10	13.50	16.80	23.60
		Output Torque Nm	76	170	367	426	679	2470	2480	3140	4660
5.6	44.64	Input kW	0.36	0.87	1.81	2.25	3.56	12.00	13.50	16.80	23.60
		Output Torque Nm	76	180	380	479	755	2550	2690	3450	5250
6.3	39.68	Input kW	0.31	0.69	1.65	2.25	3.56	9.92	13.50	16.80	23.60
		Output Torque Nm	75	161	388	541	876	2460	3380	3890	5740
7.1	35.21	Input kW	0.29	0.63	1.47	2.25	3.56	8.90	13.50	16.80	23.60
		Output Torque Nm	75	167	393	615	984	2460	3650	4300	6370
8.0	31.25	Input kW	0.25	0.61	1.31	2.25	3.56	9.09	13.50	16.80	23.60
		Output Torque Nm	76	180	392	688	1090	2790	3980	4850	7580
9.0	27.78	Input kW	0.23	0.53	1.15	2.09	3.56	8.15	13.50	16.80	23.60
		Output Torque Nm	76	180	392	724	1220	2790	4300	5370	8410
10.0	25.00	Input kW	0.20	0.49	0.92	1.86	3.56	6.81	9.57	16.80	23.60
		Output Torque Nm	75	177	336	677	1360	2610	3770	6180	8810
11.0	22.73	Input kW	0.17	0.44	0.86	1.73	3.16	6.05	8.46	14.20	23.60
		Output Torque Nm	75	160	368	725	1400	2640	3770	5940	9990
12.0	20.83	Input kW	0.16	0.39	0.84	1.56	2.98	6.02	9.49	13.80	20.90
		Output Torque Nm	76	160	392	725	1410	2860	4410	6350	10300
14.0	17.86	Input kW	0.14	0.34	0.72	1.36	2.56	5.28	8.38	12.10	18.60
		Output Torque Nm	76	180	392	725	1410	2860	4410	6290	10400
16.0	15.63	Input kW	0.13	0.26	0.65	1.21	1.81	4.28	6.18	10.50	18.30
		Output Torque Nm	75	155	393	725	1100	2640	3770	6200	11100
18.0	13.89	Input kW	0.11	0.26	0.61	1.07	1.57	3.85	5.56	9.29	16.60
		Output Torque Nm	75	167	393	725	1080	2640	3770	6200	11100
20.0	12.50	Input kW	0.10	0.24	0.51	0.95	1.81	3.73	6.12	8.59	13.20
		Output Torque Nm	76	160	392	725	1360	2860	4410	6350	10600
22.0	11.36	Input kW	0.09	0.22	0.48	0.84	1.57	3.36	5.52	7.62	12.20
		Output Torque Nm	76	160	392	725	1340	2860	4410	6350	10800
25.0	10.00	Input kW	0.08	0.20	0.42	0.78	1.25	2.73	3.91	6.60	11.00
		Output Torque Nm	75	160	393	725	1210	2640	3770	6200	10600
28.0	8.93	Input kW	0.07	0.17	0.38	0.71	1.09	2.48	3.39	5.93	9.58
		Output Torque Nm	75	180	393	725	1150	2640	3770	6200	9980
32.0	7.81	Input kW	0.06	0.15	0.33	0.61	1.17	2.38	3.87	5.42	8.41
		Output Torque Nm	76	160	392	725	1410	2860	4410	6350	10700
36.0	6.94	Input kW	0.06	0.14	0.30	0.56	1.07	2.16	3.36	4.87	7.86
		Output Torque Nm	76	160	392	725	1410	2860	4410	6350	10800
40.0	6.25	Input kW	0.04	0.12	0.24	0.50	0.88	1.66	3.04	4.52	7.00
		Output Torque Nm	59	160	349	715	1330	2470	4170	6460	10100
45.0	5.56	Input kW	0.04	0.11	0.22	0.45	0.80	1.50	2.64	4.06	6.45
		Output Torque Nm	61	160	350	717	1330	2470	4170	6460	10100
50.0	5.00	Input kW	0.04	0.10	0.21	0.37	0.60	1.57	2.41	3.17	4.32
		Output Torque Nm	72	160	380	664	1410	2860	4260	5670	8140
56.0	4.46	Input kW	0.03	0.09	0.14	0.28	0.70	0.91	2.04	3.17	4.01
		Output Torque Nm	70	176	275	570	1420	1850	4120	6030	8450
63.0	3.97	Input kW	0.03	0.08	0.17	0.34	0.61	1.10	1.99	2.96	4.32
		Output Torque Nm	66	160	361	741	1350	2480	4230	6460	9280
71.0	3.52	Input kW	0.03	0.07	0.14	0.28	0.54	0.91	1.87	2.78	4.01
		Output Torque Nm	68	160	325	664	1370	2300	4260	6460	9630

RATINGS AT 250 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL OUTPUT SPEED REV / MIN	CAPACITY	SIZES OF UNIT								
			M0330	M0430	M0630	M0730	M0830	M0930	M1030	M1330	M1430
36.0	6.94	Input kW	0.06	0.14	0.30	0.56					
		Output Torque Nm	75	180	393	725					
40.0	6.25	Input kW	0.05	0.12	0.26	0.48				4.22	7.33
		Output Torque Nm	75	180	393	725				6200	11100
45.0	5.56	Input kW	0.05	0.11	0.24	0.44				3.93	6.25
		Output Torque Nm	76	180	400	737				6350	11000
50.0	5.00	Input kW	0.04	0.10	0.21	0.38				3.47	5.51
		Output Torque Nm	76	180	400	737				6350	11000
56.0	4.46	Input kW	0.04	0.09	0.19	0.34	0.64	1.20	1.70	2.97	5.11
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
63.0	3.97	Input kW	0.03	0.08	0.17	0.32	0.57	1.08	1.54	2.64	4.64
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
71.0	3.52	Input kW	0.03	0.07	0.15	0.27	0.53	1.05	1.69	2.44	3.84
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
80.0	3.13	Input kW	0.03	0.06	0.14	0.25	0.47	0.94	1.52	2.16	3.46
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
90.0	2.78	Input kW	0.02	0.06	0.12	0.22	0.41	0.77	1.08	1.87	3.23
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
100.0	2.50	Input kW	0.02	0.05	0.10	0.20	0.37	0.69	0.94	1.68	2.98
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	11100
112.0	2.23	Input kW	0.02	0.04	0.09	0.17	0.33	0.67	1.07	1.54	2.43
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
125.0	2.00	Input kW	0.02	0.04	0.08	0.16	0.30	0.61	0.93	1.38	2.24
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
140.0	1.79	Input kW	0.01	0.04	0.07	0.14	0.26	0.47	0.86	1.28	1.96
		Output Torque Nm	74	180	351	707	1430	2480	4270	6460	10100
160.0	1.56	Input kW	0.01	0.03	0.06	0.13	0.24	0.42	0.75	1.15	1.81
		Output Torque Nm	75	180	351	707	1430	2480	4270	6460	10100
180.0	1.39	Input kW	0.01	0.03	0.06	0.12	0.23	0.44	0.69	1.01	1.63
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
200.0	1.25	Input kW	0.01	0.03	0.06	0.10	0.20	0.39	0.64	0.95	1.46
		Output Torque Nm	76	180	400	737	1430	2860	4410	6350	11000
225.0	1.11	Input kW	0.01	0.02	0.05	0.09	0.18	0.31	0.55	0.84	1.32
		Output Torque Nm	76	180	351	707	1430	2480	4270	6460	10100
250.0	1.00	Input kW	0.009	0.02	0.04	0.08	0.16	0.27	0.52	0.79	1.18
		Output Torque Nm	76	180	351	707	1430	2480	4270	6460	10100

DIMENSIONS - DOUBLE REDUCTION BASE MOUNT

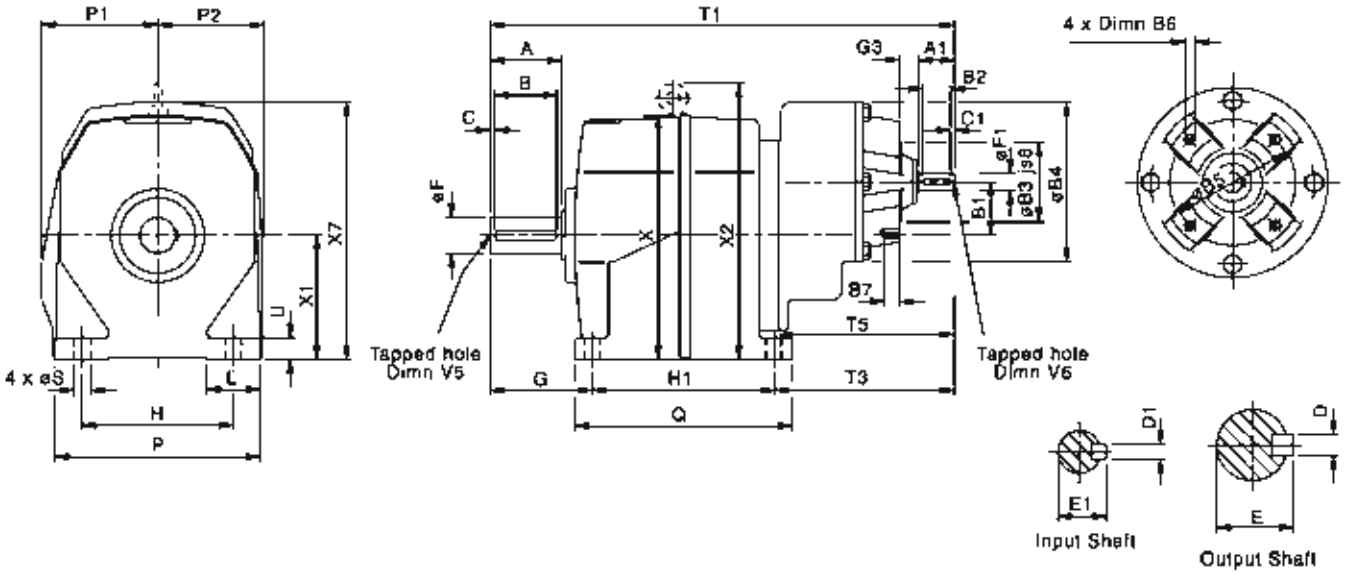


SIZE	A	A1	B	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G	G3
M0320	40	40	32	32	65	140	90	M8	16	4	4	6	5	22.5	18	20 k6	16 k6	58	12
M0420	50	40	40	32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	75	12
M0620	60	40	50	32	78	180	115	M10	17	7	4	8	6	33	21.5	30 k6	19 k6	90	22
M0720	80	50	70	40	98	212	145	M12	20	5	5	12	8	43	27	40 k6	24 k6	115	23
M0820	100	80	80	50	98	250	145	M12	20	10	5	14	8	53.5	31	50 k6	28 k6	140	23
M0920	120	80	100	70	125	300	175	M16	30	10	5	18	10	64	41	60 m6	38 k6	160	23
M1020	140	110	110	70	155	360	210	M20	36	15	10	20	12	74.5	45	70 m6	42 k6	185	34
M1320	170	110	140	90	155	400	210	M20	38	15	10	25	16	95	59	90 m6	55 m6	220	34
M1420	210	110	180	90	155	460	210	M20	36	15	10	28	16	106	59	100 m6	55 m6	260	34

SIZE	H	H1	L	P	P1	P2	Q	S	T1	T2	T3	U	V5	V6	X	X1	X2
M0320	110	85	25	135	78	72	110	10	284	111	151	12	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	147	75	-
M0420	110	130	35	145	84	75	160	10	317	111	112	16	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	178	90	-
M0620	135	165	55	190	105	98	200	15	389	111	114	20	M10 x 1.5 22 deep	M6 x 1.0 16 deep	230	115	-
M0720	170	205	80	230	130	119	245	19	440	115	120	25	M16 x 2.0 38 deep	M8 x 1.25 19 deep	275	140	-
M0820	215	260	75	290	165	147	310	19	555	160	155	35	M16 x 2.0 36 deep	M10 x 1.5 22 deep	321	160	362
M0920	250	310	90	340	200	172	365	23	660	195	190	40	M20 x 2.5 42 deep	M12 x 1.75 28 deep	394	225	433
M1020	290	370	110	400	225	203	440	27	782	233	227	45	M20 x 2.5 42 deep	M16 x 2.0 38 deep	446	250	505
M1320	340	410	110	450	242	228	490	34	907	266	277	50	M24 x 3.0 50 deep	M20 x 2.5 42 deep	483	265	563
M1420	380	500	150	530	278	268	590	41	1022	265	262	50	M24 x 3.0 50 deep	M20 x 2.5 42 deep	551	300	630

all parallel keys are to DIN 6885

DIMENSIONS - TRIPLE REDUCTION BASE MOUNT

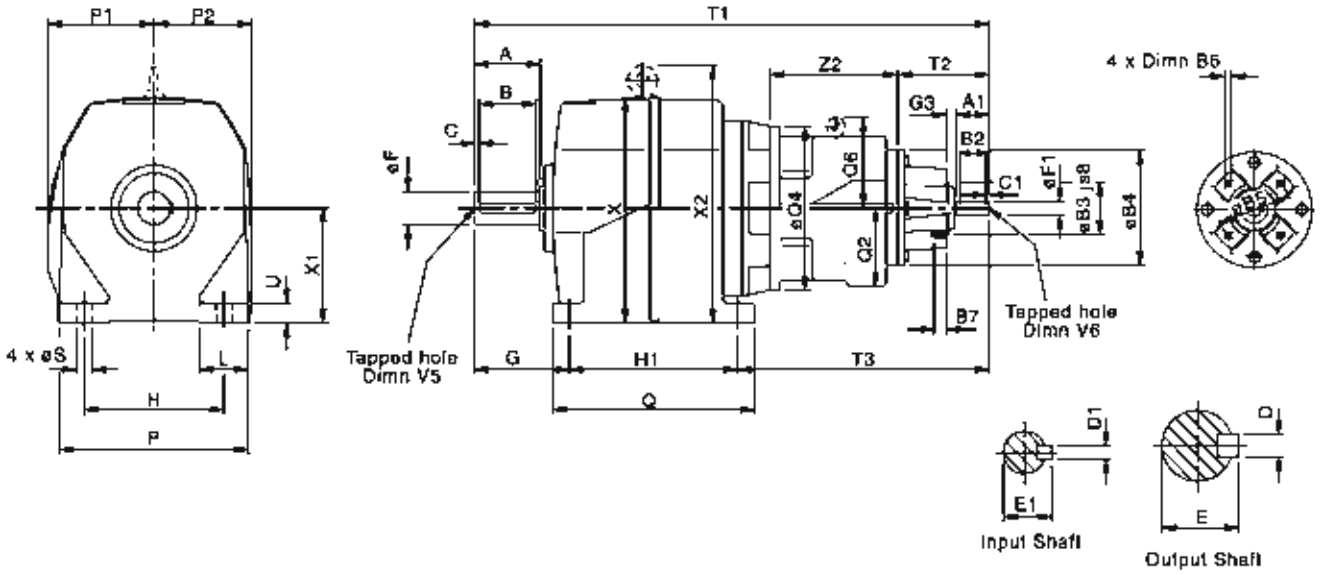


SIZE	A	A1	B	B1	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G	G3
M0330	40	40	32	36	32	65	140	90	M8	16	4	4	8	5	22.5	18	20 k6	16 k6	58	12
M0430	50	40	40	38	32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	75	12
M0630	60	40	50	47	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	90	12
M0730	80	40	70	60	32	76	160	115	M10	17	5	4	12	6	43	21.5	40 k6	19 k6	115	22
M0830	100	50	80	0	40	98	212	145	M12	20	10	5	14	8	53.5	27	50 k6	24 k6	140	23
M0930	120	60	100	0	50	98	250	145	M12	20	10	5	18	8	64	31	60 m6	28 k6	160	23
M1030	140	80	110	0	70	125	300	175	M16	30	15	5	20	10	74.5	41	70 m6	38 k6	185	23
M1330	170	110	140	0	90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	220	34
M1430	210	110	180	0	90	155	460	210	M20	36	15	10	28	16	106	59	100 m6	55 m6	260	34

SIZE	H	H1	L	P	P1	P2	Q	S	T1	T3	T5	U	V5	V8	X	X1	X2	X7
M0330	110	85	25	135	78	72	110	10	350	207	167	12	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	147	75	-	181
M0430	110	130	35	145	84	75	160	10	373	168	167	16	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	178	90	-	196
M0630	135	165	55	190	105	98	200	15	435	180	177	20	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	230	115	-	232
M0730	170	205	60	230	130	119	245	19	522	202	197	25	M16 x 2.0 36 deep	M6 x 1.0 16 deep	275	140	-	290
M0830	215	260	75	290	165	147	310	19	540	140	145	35	M16 x 2.0 36 deep	M8 x 1.25 19 deep	321	160	362	-
M0930	250	310	90	340	200	172	385	23	682	192	197	40	M20 x 2.5 42 deep	M10 x 1.5 22 deep	394	225	433	-
M1030	290	370	110	400	225	203	440	27	784	229	235	45	M20 x 2.5 42 deep	M12 x 1.75 28 deep	446	250	505	-
M1330	340	410	110	450	242	226	490	34	969	339	348	50	M24 x 3.0 50 deep	M20 x 2.5 42 deep	483	265	563	-
M1430	380	500	150	530	278	268	590	41	1094	334	337	50	M24 x 3.0 50 deep	M20 x 2.5 42 deep	551	300	630	-

all parallel keys are to DIN 6885

DIMENSIONS - QUADRUPLE REDUCTION BASE MOUNT

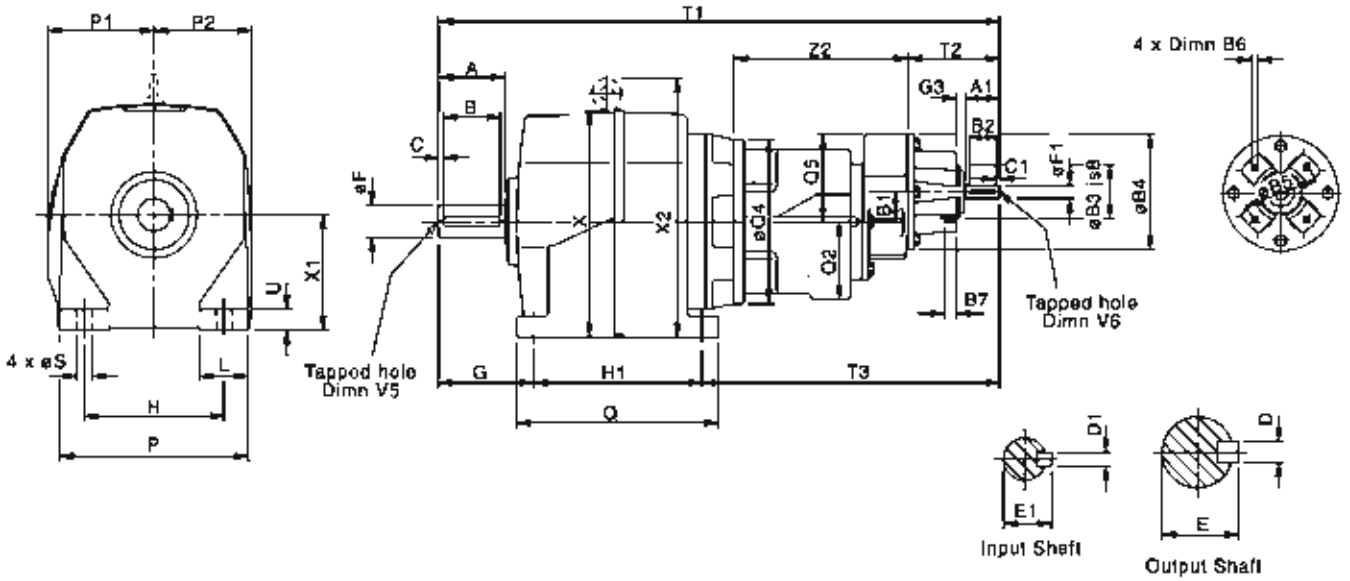


SIZE	A	A1	B	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G	G3	H
M0640	60	40	50	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	90	12	135
M0740	60	40	70	32	65	140	90	M8	16	5	4	12	5	43	18	40 k6	16 k6	115	12	170
M0840	100	40	60	32	78	160	115	M10	17	10	4	14	6	53.5	21.5	50 k6	19 k6	140	22	215
M0940	120	40	100	32	78	180	115	M10	17	10	4	16	6	64	21.5	60 m6	19 k6	160	22	250
M1040	140	50	110	40	98	212	145	M12	20	15	5	20	8	74.5	27	70 m6	24 k6	185	23	290
M1340	170	60	140	50	98	250	145	M12	20	15	5	25	8	95	31	90 m6	28 k6	220	23	340
M1440	210	60	180	50	98	250	145	M12	20	15	5	28	8	106	31	100 m6	28 k6	260	23	380

SIZE	H1	L	P	P1	P2	Q	Q2	Q4	Q6	S	T1	T2	T3	U	V5	V6	X	X1	X2	Z2
M0640	165	55	190	105	98	200	95	200	-	15	552	111	297	20	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	230	115	-	156
M0740	205	60	230	130	119	245	95	200	-	19	626	111	306	25	M16 x 2.0 36 deep	M5 x 0.8 12.5 deep	275	140	-	156
M0840	260	75	290	165	147	310	113	250	-	19	757	111	357	35	M16 x 2.0 36 deep	M6 x 1.0 18 deep	321	160	362	198
M0940	310	90	340	200	172	385	113	250	-	23	838	111	368	40	M20 x 2.5 42 deep	M6 x 1.0 16 deep	394	225	433	198
M1040	370	110	400	225	203	440	138	300	-	27	956	115	401	45	M20 x 2.5 42 deep	M8 x 1.25 19 deep	448	250	505	245
M1340	410	110	450	242	228	490	187	350	173	34	1165	160	535	50	M24 x 3.0 50 deep	M10 x 1.5 22 deep	483	265	563	295
M1440	500	150	530	278	268	590	187	350	173	41	1280	160	520	50	M24 x 3.0 50 deep	M10 x 1.5 22 deep	551	300	630	295

all parallel keys are to DIN 6885

DIMENSIONS - QUINTUPLE REDUCTION BASE MOUNT



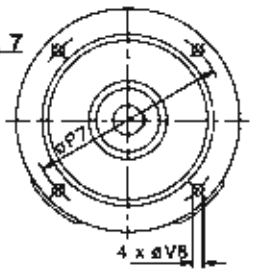
SIZE	A	A1	B	B1	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G	G3	H
M0650	60	40	50	36	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	90	12	135
M0750	80	40	70	36	32	65	140	90	M8	16	5	4	12	5	43	18	40 k6	16 k6	115	12	170
M0850	100	40	80	0	32	78	180	115	M10	17	10	4	14	8	53.5	21.5	50 k6	19 k6	140	22	215
M0950	120	40	100	0	32	78	180	115	M10	17	10	4	18	8	64	21.5	60 m6	19 k6	160	22	250
M1050	140	50	110	0	40	98	212	145	M12	20	15	5	20	8	74.5	27	70 m6	24 k6	185	23	290
M1350	170	50	140	0	40	98	212	145	M12	20	15	5	25	8	95	27	90 m6	24 k6	220	23	340
M1450	210	50	180	0	40	98	212	145	M12	20	15	5	28	8	106	27	100 m6	24 k6	260	23	380

SIZE	H1	L	P	P1	P2	Q	Q2	Q4	Q5	S	T1	T2	T3	U	V5	V6	X	X1	X2	Z2
M0650	165	55	190	105	98	200	95	200	106	15	608	111	353	20	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	230	115	-	212
M0750	205	60	230	130	113	245	95	200	106	19	682	111	382	25	M16 x 2.0 36 deep	M5 x 0.8 12.5 deep	275	140	-	212
M0850	260	75	290	165	147	310	113	250	-	19	791	111	391	35	M16 x 2.0 36 deep	M6 x 1.0 18 deep	321	160	362	198
M0950	310	90	340	200	172	365	113	250	-	23	864	111	394	40	M20 x 2.5 42 deep	M6 x 1.0 18 deep	394	225	433	198
M1050	370	110	400	225	203	440	138	300	-	27	1013	115	458	45	M20 x 2.5 42 deep	M8 x 1.25 19 deep	448	250	505	245
M1350	410	110	450	242	228	490	138	300	-	34	1138	115	508	50	M24 x 3.0 50 deep	M8 x 1.25 19 deep	483	265	563	245
M1450	500	150	530	278	268	580	138	300	-	41	1263	115	503	50	M24 x 3.0 50 deep	M8 x 1.25 19 deep	551	300	630	245

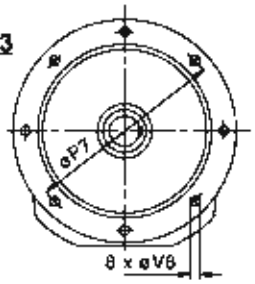
all parallel keys are to DIN 6885

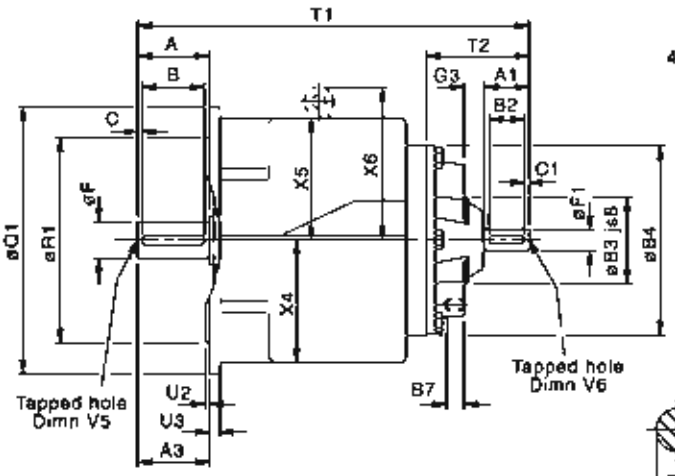
DIMENSIONS - DOUBLE REDUCTION FLANGE MOUNT

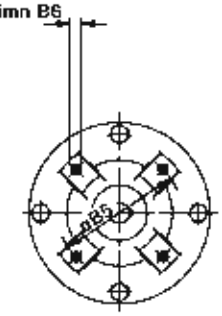
Sizes 3, 4, 6, 7 and 8

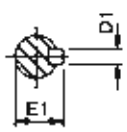


Sizes 9, 10, 13 and 14

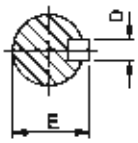








Input Shaft



Output Shaft

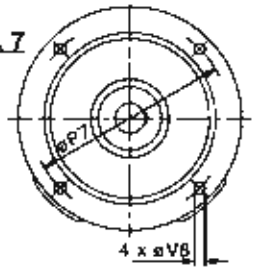
SIZE	A	A1	A3	B	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G3
M0320	40	40	40	32	32	65	140	90	M8	16	4	4	6	5	22.5	16	20 k8	16 k6	12
M0420	50	40	50	40	32	65	140	90	M8	16	7	4	8	5	28	19	25 k8	16 k6	12
M0620	60	40	60	50	32	78	180	115	M10	17	7	4	8	6	33	21.5	30 k6	19 k6	22
M0720	80	50	80	70	40	98	212	145	M12	20	5	5	12	8	43	27	40 k6	24 k6	23
M0820	100	60	100	80	50	98	250	145	M12	20	10	5	14	8	53.5	31	50 k6	28 k6	23
M0920	120	80	140	100	70	125	300	175	M16	30	10	5	18	10	64	41	60 m6	38 k6	23
M1020	140	110	140	110	70	155	360	210	M20	36	15	10	20	12	74.5	45	70 m6	42 k6	34
M1320	170	110	170	140	90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	34
M1420	210	110	210	180	90	155	460	210	M20	36	15	10	28	16	106	59	100 m6	55 m6	34

SIZE	P7	øQ1	øR1	T1	T2	U2	U3	V5	V6	V8	X4	X5	X6
M0320	130	160	110 h8	294	111	3.5	7	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	10	80	70	-
M0420	165	200	130 h8	317	111	3.5	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	12	95	88	-
M0620	215	250	180 h8	389	111	4	12	M10 x 1.5 22 deep	M8 x 1.0 16 deep	15	113	115	-
M0720	265	300	230 h8	440	115	4	14	M16 x 2.0 36 deep	M8 x 1.25 19 deep	15	138	138	-
M0820	300	350	250 h8	565	160	5	16	M16 x 2.0 36 deep	M10 x 1.5 22 deep	18	187	-	179
M0920	400	450	350 h8	660	195	5	18	M20 x 2.5 42 deep	M12 x 1.75 28 deep	18	230	-	198
M1020	400	450	350 h8	782	233	5	22	M20 x 2.5 42 deep	M16 x 2.0 36 deep	18	260	-	245
M1320	500	550	450 h8	907	286	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	276	-	268
M1420	500	550	450 h8	1022	265	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	318	-	320

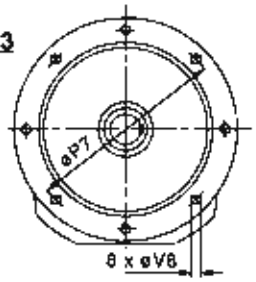
all parallel keys are to DIN 6885

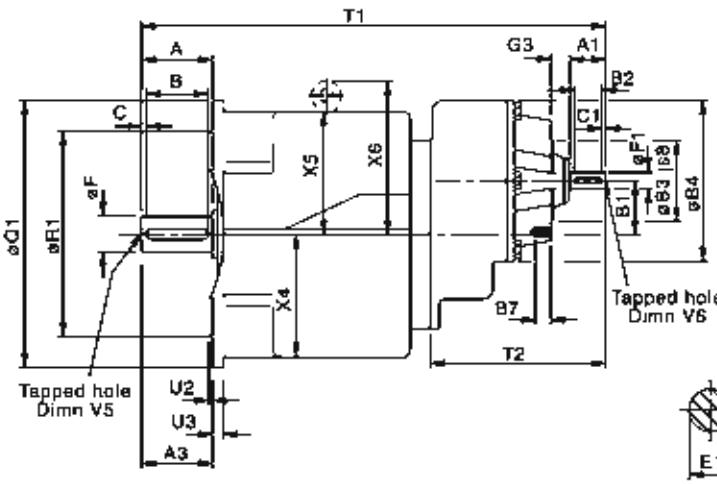
DIMENSIONS - TRIPLE REDUCTION FLANGE MOUNT

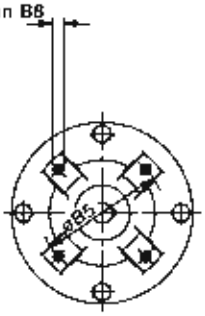
Sizes 3, 4, 5, 7 and 8

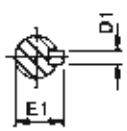


Sizes 9, 10, 13 and 14

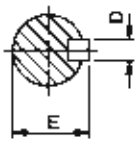








Input Shaft



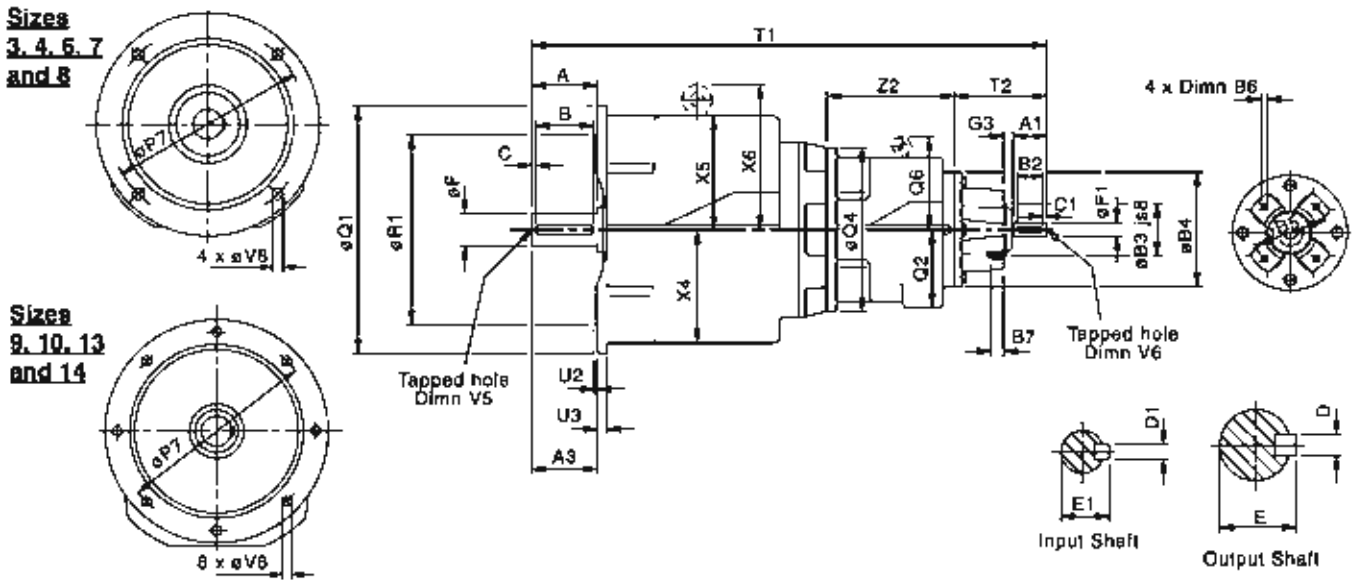
Output Shaft

SIZE	A	A1	A3	B	B1	B2	øB3	øB4	øB5	B8	B7	C	C1	D	D1	E	E1	øF	øF1	G3
M0330	40	40	40	32	36	32	65	140	90	M8	16	4	4	8	5	22.5	18	20 k6	16 k6	12
M0430	50	40	50	40	36	32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	12
M0630	60	40	60	50	47	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	12
M0730	80	40	80	70	60	32	78	180	115	M10	17	5	4	12	8	43	21.5	40 k6	19 k6	22
M0830	100	50	100	80	0	40	98	212	145	M12	20	10	5	14	8	53.5	27	50 k6	24 k6	23
M0930	120	60	140	100	0	50	98	250	145	M12	20	10	5	18	8	64	31	60 m6	28 k6	23
M1030	140	80	140	110	0	70	125	300	175	M16	30	15	5	20	10	74.5	41	70 m6	38 k6	23
M1330	170	110	170	140	0	90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	34
M1430	210	110	210	180	0	90	155	460	210	M20	36	15	10	28	16	106	59	100 m6	55 m6	34

SIZE	P7	øQ1	øR1	T1	T2	U2	U3	V5	V6	V8	X4	X5	X6
M0330	130	160	110 h8	350	167	3.5	7	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	10	80	70	-
M0430	165	200	130 h8	373	167	3.5	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	12	95	88	-
M0630	215	250	180 h8	435	177	4	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	15	113	115	-
M0730	265	300	230 h8	522	197	4	14	M16 x 2.0 36 deep	M6 x 1.0 16 deep	15	138	138	-
M0830	300	350	250 h8	540	145	5	16	M16 x 2.0 36 deep	M8 x 1.25 19 deep	18	187	-	173
M0930	400	450	350 h8	662	197	5	18	M20 x 2.5 42 deep	M10 x 1.5 22 deep	18	230	-	198
M1030	400	450	350 h8	784	235	5	22	M20 x 2.5 42 deep	M12 x 1.75 28 deep	18	260	-	245
M1330	500	550	450 h8	969	348	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	278	-	268
M1430	500	550	450 h8	1094	337	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	318	-	320

all parallel keys are to DIN 6885

DIMENSIONS - QUADRUPLE REDUCTION FLANGE MOUNT

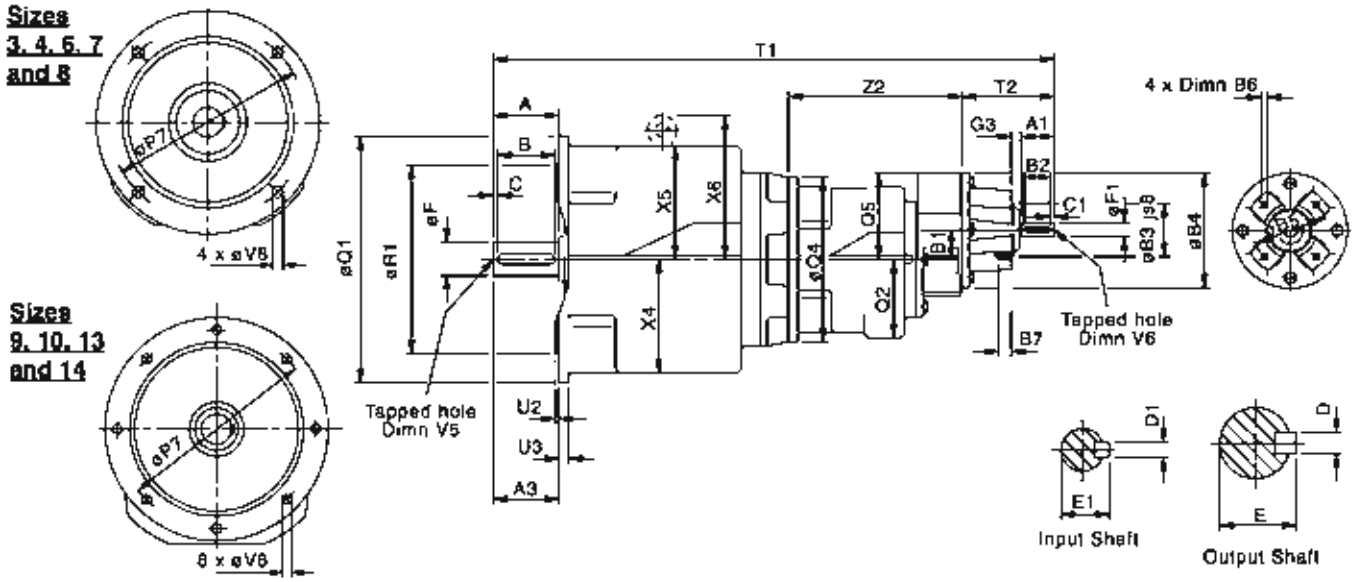


SIZE	A	A1	A3	B	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G3
M0640	60	40	60	50	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	12
M0740	80	40	80	70	32	65	140	90	M8	16	5	4	12	5	43	18	40 k6	16 k6	12
M0840	100	40	100	80	32	76	180	115	M10	17	10	4	14	6	53.5	21.5	50 k6	19 k6	22
M0940	120	40	140	100	32	76	180	115	M10	17	10	4	18	6	64	21.5	60 m6	19 k6	22
M1040	140	50	140	110	40	98	212	145	M12	20	15	5	20	8	74.5	27	70 m6	24 k6	23
M1340	170	60	170	140	50	98	250	145	M12	20	15	5	25	8	95	31	90 m6	28 k6	23
M1440	210	60	210	180	50	98	250	145	M12	20	15	5	28	8	106	31	100 m6	28 k6	23

SIZE	P7	øQ1	Q2	Q4	Q6	øR1	T1	T2	U2	U3	V5	V6	V8	X4	X5	X6	Z2
M0640	215	250	95	200	-	180 h8	552	111	4	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	15	113	115	-	156
M0740	265	300	95	200	-	230 h8	626	111	4	14	M16 x 2.0 36 deep	M5 x 0.8 12.5 deep	15	136	139	-	156
M0840	300	350	113	250	-	250 h8	757	111	5	16	M16 x 2.0 36 deep	M6 x 1.0 16 deep	18	167	-	173	198
M0940	400	450	113	250	-	350 h8	838	111	5	18	M20 x 2.5 42 deep	M6 x 1.0 16 deep	18	230	-	198	198
M1040	400	450	138	300	-	350 h8	956	115	5	22	M20 x 2.5 42 deep	M8 x 1.25 19 deep	18	260	-	245	245
M1340	500	550	187	350	173	450 h8	1165	160	5	25	M24 x 3.0 50 deep	M10 x 1.5 22 deep	18	278	-	288	295
M1440	500	550	187	350	173	450 h8	1280	160	5	25	M24 x 3.0 50 deep	M10 x 1.5 22 deep	18	318	-	320	295

all parallel keys are to DIN 6885

DIMENSIONS - QUINTUPLE REDUCTION FLANGE MOUNT



SIZE	A	A1	A3	B	B1	B2	øB3	øB4	øB5	B6	B7	C	C1	D	D1	E	E1	øF	øF1	G3
M0650	60	40	60	50	36	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	12
M0750	80	40	80	70	36	32	65	140	90	M8	16	5	4	12	5	43	18	40 k6	16 k6	12
M0850	100	40	100	80	0	32	78	180	115	M10	17	10	4	14	6	53.5	21.5	50 k6	19 k6	22
M0950	120	40	140	100	0	32	78	180	115	M10	17	10	4	18	6	64	21.5	60 m6	19 k6	22
M1050	140	50	140	110	0	40	98	212	145	M12	20	15	5	20	8	74.5	27	70 m6	24 k6	23
M1350	170	50	170	140	0	40	98	212	145	M12	20	15	5	25	8	95	27	90 m6	24 k6	23
M1450	210	50	210	180	0	50	98	212	145	M12	20	15	5	28	8	106	27	100 m6	24 k6	23

SIZE	P7	øQ1	Q2	Q4	Q5	øR1	T1	T2	U2	U3	V5	V6	V8	X4	X5	X6	Z2
M0650	215	250	95	200	106	180 h8	608	111	4	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	15	113	115	-	212
M0750	265	300	95	200	106	230 h8	682	111	4	14	M16 x 2.0 36 deep	M5 x 0.8 12.5 deep	15	136	139	-	212
M0850	300	350	113	250	-	250 h8	791	111	5	16	M16 x 2.0 36 deep	M6 x 1.0 16 deep	18	167	-	173	198
M0950	400	450	113	250	-	350 h8	864	111	5	18	M20 x 2.5 42 deep	M6 x 1.0 16 deep	18	230	-	198	198
M1050	400	450	138	300	-	350 h8	1013	115	5	22	M20 x 2.5 42 deep	M8 x 1.25 19 deep	18	260	-	245	245
M1350	500	550	138	300	-	450 h8	1138	115	5	25	M24 x 3.0 50 deep	M8 x 1.25 19 deep	18	278	-	288	245
M1450	500	550	138	300	-	450 h8	1263	115	5	25	M24 x 3.0 50 deep	M8 x 1.25 19 deep	18	318	-	320	245

all parallel keys are to DIN 6885

THERMAL POWER RATING

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.

Thermal Power (kW)

Overall Ratios	Input Rev/min	Unit Size								
		M03	M04	M06	M07	M08	M09	M10	M13	M14
1.5 to 5.6	2900	Consult Power Build Limited								
	1750	4.1	5.9	9.8	11.4	22.0	31.3	42.2	53.5	73.0
	< 1450	4.1	6.0	9.9	14.5	22.2	31.4	42.3	53.7	73.2
5.6 to 36	2900	3.0	4.3	7.2	10.5	16.0	22.8	30.7	39.0	53.2
	1750	4.1	5.8	9.7	14.2	21.7	30.8	41.5	52.6	71.8
	< 1450	4.1	5.8	9.7	14.2	21.7	30.8	41.6	52.7	71.9
36 & over	2900	2.9	4.2	7.0	10.2	15.6	22.2	29.9	37.9	51.7
	1750	4.0	5.7	9.4	13.8	21.1	29.9	40.4	51.2	69.9
	< 1450	4.0	5.7	9.4	13.8	21.1	30.0	40.4	51.3	70.0

Thermal Power (kW) with cooling fan

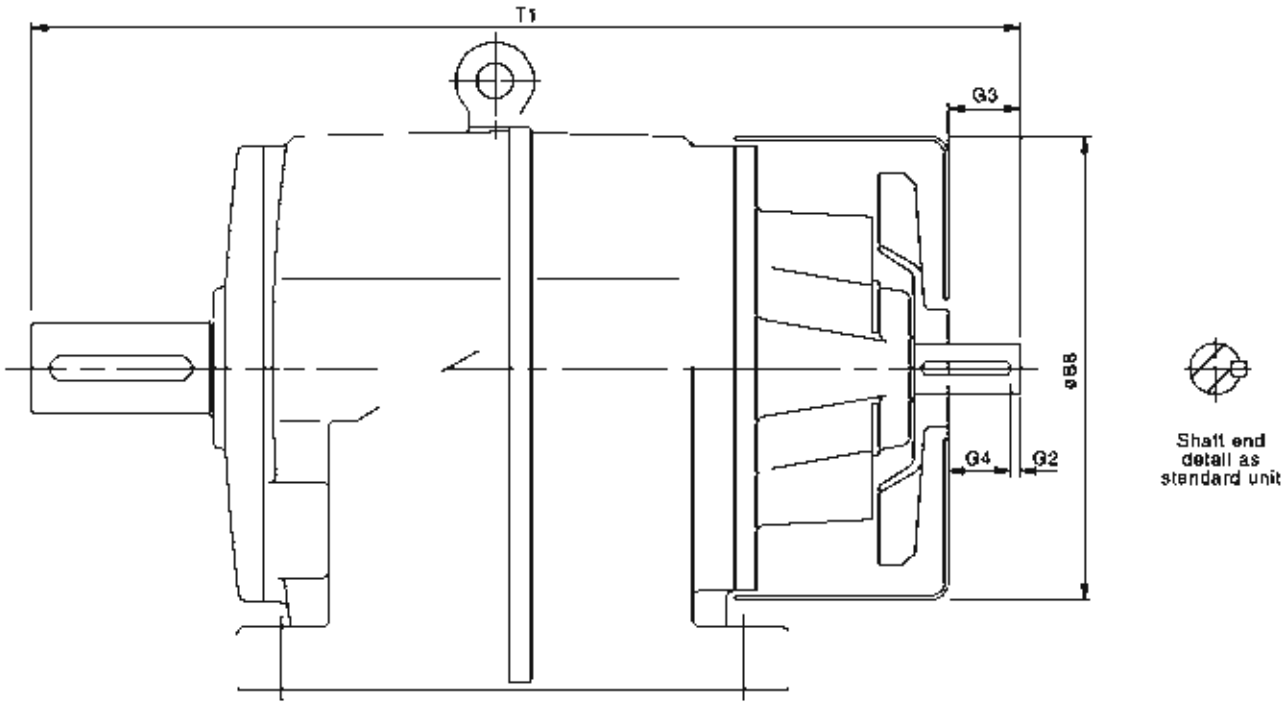
Overall Ratios	Input Rev/min	Unit Size								
		M03	M04	M06	M07	M08	M09	M10	M13	M14
1.5 to 5.6	2900	-	-	-	Consult Power Build Limited					
	1750	-	-	-	32.4	49.6	70.4	94.9	120.4	164.2
	1450	-	-	-	28.9	44.2	62.8	84.6	107.4	146.5
	1160	-	-	-	27.5	42.0	59.6	80.4	102.0	139.2
	960	-	-	-	25.3	38.7	54.9	74.0	93.9	128.2
	725	-	-	-	21.7	33.2	47.1	63.5	80.5	109.9
5.6 & over	2900	-	-	-	23.0	35.1	49.9	67.3	85.3	116.4
	1750	-	-	-	31.1	47.4	67.4	90.8	115.2	157.2
	1450	-	-	-	27.7	42.3	60.0	80.9	102.6	140.0
	1160	-	-	-	26.3	40.1	57.0	76.8	97.5	133.0
	960	-	-	-	24.2	37.0	52.5	70.8	89.8	122.5
	725	-	-	-	20.7	31.7	45.0	60.7	77.0	105.0

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	T1
M0720	13.1	225	5	35	30	440
M0620	13.1	265	5	45	40	555
M0920	33.5	320	5	65	60	660
M1020	33.5	380	10	95	85	782
M1320	210	420	10	85	75	907
M1420	210	480	10	85	75	1022

* Moment of Inertia of fan should be added to inertia value of gear unit on page 94.

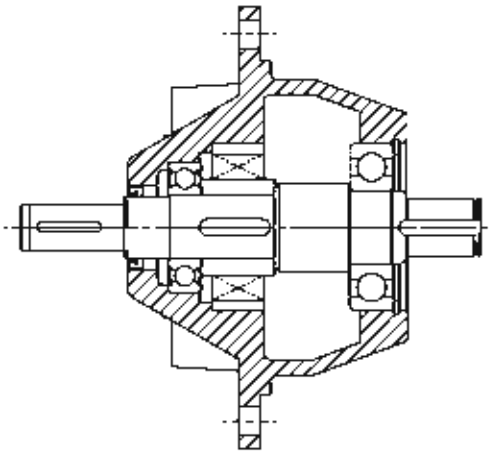
REDUCER BACKSTOP MODULE

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

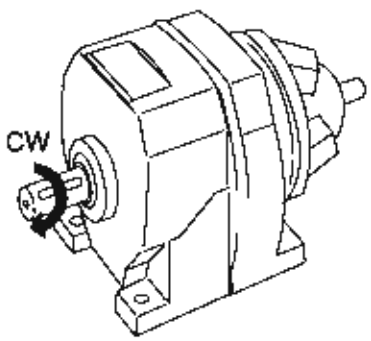
For reducer backstop modules enter [X] in column 10
(or [Y] if used in conjunction with a fan kit)



Unit Size	Lift off Speed ('n' min) (at Inputshaft) (rev/min)	Rated Locking Torque ('T max') (at inputshaft) (Nm)
M0720	670	170
M0820	670	300
M0830	670	170
M0920	620	940
M0930	670	300
M1020	550	1260
M1030	670	300
M1320	550	2400
M1330	550	2400
M1420	550	2400
M1430	550	2400

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



SHIPPING SPECIFICATION VOLUME

UNIT SIZE & No OF REDUCTIONS			M0320		M0330		M0420		M0430		M0520		M0530		M0720		M0730		M0820		M0830	
COLUMN 9 ENTRY			B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION			.006	.008	.010	.010	.009	.013	.012	.015	.017	.023	.020	.027	.030	.040	.034	.047	.063	.070	.061	.068
MOTORISED	63	With Motor	.010	.011	.014	.015	.013	.016	.017	.018	.022	.028	.026	.033			.039	.054				
		Without Motor	.005	.006	.008	.008	.007	.009	.010	.011	.013	.017	.017	.021			.027	.038				
	71	With Motor	.011	.012	.015	.015	.015	.018	.018	.020	.024	.030	.029	.034			.043	.058				
		Without Motor	.005	.006	.008	.008	.008	.009	.010	.012	.013	.017	.018	.021			.029	.039				
	80	With Motor	.013	.014			.017	.020	.021	.023	.030	.032	.034	.037	.039	.052	.048	.059	.069	.085	.070	.066
		Without Motor	.006	.006			.009	.010	.012	.013	.014	.017	.020	.024	.024	.031	.031	.039	.045	.056	.046	.057
	90	With Motor	.017	.018			.021	.026			.032	.038	.044	.044	.048	.057	.061	.085	.061	.090	.083	.092
		Without Motor	.008	.008			.010	.012			.017	.020	.025	.025	.028	.032	.037	.040	.050	.056	.052	.059
	100/112	With Motor	.020	.022			.028	.031			.041	.047			.057	.066	.075	.081	.092	.099	.096	.104
		Without Motor	.008	.009			.011	.013			.020	.023			.030	.035	.044	.047	.053	.058	.056	.061
	132	With Motor									.049	.056			.068	.079			.107	.110		
		Without Motor									.022	.026			.033	.038			.057	.058		
	160	With Motor													.084	.109			.145	.148		
		Without Motor													.041	.047			.069	.070		

UNIT SIZE & No OF REDUCTIONS			M0920		M0930		M1020		M1030		M1320		M1330		M1420		M1430	
COLUMN 9 ENTRY			B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION			.106	.134	.107	.134	.169	.178	.169	.178	.240	.283	.256	.302	.352	.359	.376	.384
MOTORISED	80	With Motor	.104	.152	.107	.158			.152	.199								
		Without Motor	.072	.102	.076	.111			.112	.147								
	90	With Motor	.120	.161	.124	.166			.173	.208								
		Without Motor	.079	.106	.083	.111			.122	.147								
	100/112	With Motor	.135	.176	.139	.181	.182	.213	.193	.226	.239	.328	.252	.348	.323	.411	.342	.436
		Without Motor	.092	.107	.096	.112	.116	.135	.127	.148	.162	.223	.176	.242	.229	.292	.248	.317
	132	With Motor	.150	.189			.208	.227	.218	.240	.268	.348	.283	.367	.359	.433	.380	.458
		Without Motor	.088	.107			.123	.135	.135	.148	.172	.223	.187	.242	.242	.292	.263	.317
	160/180M	With Motor	205	.226			.269	.269	.282	.282	.332	.389	.348	.408	.436	.478	.459	.504
		Without Motor	.105	.115			.145	.145	.158	.158	.189	.221	.205	.240	.264	.289	.287	.315
	180L/200	With Motor	.239	.255			.303	.303	.297	.297	.372	.412	.389	.431	.485	.505	.509	.530
		Without Motor	.112	.122			.154	.154	.157	.157	.199	.221	.217	.240	.278	.289	.302	.315
	225	With Motor	.266	.291			.344	.344			.419	.448	.438	.468	.542	.546	.567	.572
		Without Motor	.164	.134			.168	.188			.217	.232	.235	.251	.300	.302	.325	.327
	250	With Motor									.470	.502			.603	.607		
		Without Motor									.267	.286			.360	.363		
	280	With Motor									.581	.617			.735	.741		
		Without Motor									.306	.324			.408	.412		

ALL VOLUMES IN m^3

COLUMN 9 ENTRY [B] · BASE MOUNT

[F] · FLANGE MOUNT

Above figures are indicative and may vary as per make of motor

SHIPPING SPECIFICATION

UNIT SIZE & No OF REDUCTIONS		M0320		M0330		M0420		M0430		M0620		M0630		M0640		M0650		M0720		M0730		M0740		M0750		M0820		M0830		M0840		M0850	
COLUMN 9 ENTRY		B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION		8.5	9.5	12	13	11	13	15	17	22	23	26	27	34	35	38	39	41	44	49	52	51	54	55	58	67	69	74	76	94	96	98	100
MOTORISED	63 Without Motor	8	9	12	13	11	13	15	17	20	21	25	26	34	35	38	39			47	50	51	54	55	58					92	94	97	99
	63 With Motor	12	13	16	17	15	17	19	21	24	25	29	30	38	39	40	41			51	54	55	58	59	62					96	98	101	103
	63 With Motor & Brake	13	14	17	18	16	18	20	22	25	26	30	31	39	40	41	42			52	55	58	59	60	63					97	99	102	104
	71 Without Motor	8	9	11	12	11	13	15	17	20	21	25	26	34	35	38	39			47	50	51	54	55	58					92	94	97	99
	71 With Motor	14	15	18	19	17	19	21	23	26	27	31	32	40	41	44	45			52	55	57	60	61	64					98	99	103	105
	71 With Motor & Brake	15	16	19	20	18	20	22	24	27	28	32	33	41	42	45	46			53	56	58	61	62	65					99	101	104	106
	80 Without Motor	9	10	*12*	*13*	12	14	16	18	21	22	26	27	35	36	*39*	40	38	41	47	50	52	55	*56*	*59*	71	73	76	79	93	95	98	100
	80 With Motor	18	19			21	23	24	26	30	31	38	37	44	45			47	50	56	59	61	64			80	83	86	89	102	104	106	110
	80 With Motor & Brake	20	21			23	25	26	28	32	33	38	39	46	47			49	52	58	61	63	67			82	85	88	90	104	108	110	112
	90S Without Motor	9	10	*13*	*14*	12	14	*16*	*18*	21	22	27	28	35	36	*40*	*41*	38	41	48	51	52	55	*56*	*59*	71	73	76	78	93	95	99	101
	90S With Motor	22	23			25	27			34	35	39	40	48	49			51	54	60	63	65	68			84	86	89	91	106	108	111	113
	90S With Motor & Brake	25	26			28	30			37	38	42	43	51	52			54	57	63	66	68	71			86	88	91	93	109	111	114	116
	90L Without Motor	9	10	*13*	*14*	12	14	*16*	*18*	21	22	27	28	35	36	*40*	*41*	38	41	48	51	52	55	*56*	*59*	71	73	76	78	93	95	99	101
	90L With Motor	24	25			28	30			36	37	42	43	51	52			54	57	63	67	68	71			86	88	91	93	108	110	114	116
	90L With Motor & Brake	27	28			31	33			39	40	45	46	54	55			57	60	66	70	71	74			89	91	94	96	111	113	117	119
	100 Without Motor	10	11	*14*	*15*	13	15	*16*	*18*	26	27	*27*	*28*	*36*	*37*	40	41	44	47	55	58	53	56	*57*	*60*	71	73	76	78	98	100	*104*	*106*
	100 With Motor	32	33			35	37			48	49							66	68	74	77	75	78			92	94	98	100	120	122		
	100 With Motor & Brake	37	38			40	42			53	54							70	73	79	82	80	83			97	99	103	105	125	127		
	112 Without Motor	10	11	*14*	*15*	13	15	*16*	*18*	26	27	*27*	*28*	*36*	*37*	*40*	*41*	44	47	*55*	*58*	*53*	*56*	*57*	*60*	71	73	76	78	98	100	*104*	*106*
	112 With Motor	41	42			44	46			57	58							74	77							102	104	107	109	129	131		
	112 With Motor & Brake	46	47			49	51			62	63							79	82							109	111	112	114	134	136		
	132S Without Motor									28	29							45	48							71	73	*78*	*81*	*100*	*102*	*106*	*108*
	132S With Motor									70	71							87	90							113	115						
	132S With Motor & Brake									79	80							96	99							122	124						
	132M Without Motor									28	29							45	48							71	73	*78*	*81*	*100*	*102*	*106*	*108*
	132M With Motor									80	81							97	100							123	125						
	132M With Motor & Brake									89	90							106	109							132	134						
	160M Without Motor																	49	52							81	83	*82*	*85*				
	160M With Motor																	121	124							153	155						
	160L Without Motor																	49	52							81	83	*82*	*85*				
	160L With Motor																	134	137							168	168						
	180M Without Motor																																
	180M With Motor																																
	180L Without Motor																																
	180L With Motor																																
	200L Without Motor																																
	200L With Motor																																
	225S Without Motor																																
	225S With Motor																																
	225M Without Motor																																
	225M With Motor																																
	250M Without Motor																																
	250M With Motor																																
	280S Without Motor																																
	280S With Motor																																
	280M Without Motor																																
	280M 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

COLUMN 9 ENTRY [B] - BASE MOUNT

[F] - FLANGE MOUNT

Above figures are indicative and may vary as per make of motor

UNIT SIZE & No OF REDUCTIONS		M0920		M0930		M0940		M0950		M1020		M1030		M1040		M1050		M1320		M1330		M1340		M1350		M1420		M1430		M1440		M1450	
COLUMN 9 ENTRY		B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION		114	117	123	126	140	143	171	174	170	166	179	175	207	203	226	222	248	245	270	267	316	313	315	312	360	340	405	385	426	406	438	418
MOTORISED	63 Without Motor					141	138	167	170																								
	63 With Motor					145	142	171	174																								
	63 With Motor & Brake					148	143	172	175																								
	71 Without Motor					141	138	167	170																								
	71 With Motor					147	144	173	176																								
	71 With Motor & Brake					148	145	174	177																								
	80 Without Motor	117	120	127	130	142	139	168	171			182	178	204	200	223	219					315	312	312	309					430	410	435	415
	80 With Motor	127	130	137	140	148	151	177	180			192	188	214	210	232	228					325	322	321	318					440	420	444	424
	80 With Motor & Brake	129	132	139	142	150	153	179	182			193	187	215	211	234	230					326	323	323	320					442	422	446	426
	90S Without Motor	117	120	127	130	139	142	168	171			182	178	204	200	223	219					315	312	312	309					430	410	435	415
	90S With Motor	130	133	140	143	152	155	181	184			195	191	217	213	236	232					328	325	325	322					443	423	448	428
	90S With Motor & Brake	132	135	143	145	154	157	184	187			198	194	220	216	239	235					330	328	328	325					445	425	451	431
	90L Without Motor	117	120	127	130	139	142	168	171			182	178	204	200	223	219					315	312	312	309					430	410	435	415
	90L With Motor	132	135	142	145	154	157	184	187			197	193	220	216	239	235					330	328	328	325					445	425	451	431
	90L With Motor & Brake	135	138	145	148	156	160	187	190			200	196	223	219	242	238					333	330	330	322					448	428	454	434
	100 Without Motor	117	120	127	130	144	147	173	176	163	159	182	178	210	206	229	225	239	236	271	268	315	312	312	309			394	374	430	410	441	421
	100 With Motor	139	142	149	172	158	169			185	181	204	200	231	227	250	246	261	258	293	290	336	333	339	336			416	396	451	431	462	442
	100 With Motor & Brake	144	147	174	177	171	174			190	186	209	205	236	232	255	251	266	263	298	295	341	338	344	341			421	401	456	436	467	447
	112 Without Motor	117	120	127	130	144	147	173	176	163	159	182	178	210	206	229	225	239	236	271	268	315	312	312	309			394	374	430	410	441	421
	112 With Motor	146	151	156	161	175	178			194	190	213	209	240	236			270	267	302	299	346	343	348	345			425	405	461	441	471	451
	112 With Motor & Brake	153	158	162	165	180	183			199	195	218	214	245	241			275	272	307	304	351	348	353	350			430	410	466	446	476	456
	132S Without Motor	117	120	127	130	146	149	175	178	163	159	182	178	211	207	231	227	239	236	271	268	315	312	312	309			394	374	430	410	442	422
	132S With Motor	159	162							205	201	224	220	253	249			281	278	313	309	357	354	361	358			438	418	472	452	484	464
	132S With Motor & Brake	168	171							214	210	233	229	262	258			290	287	316	305	368	363	370	367			445	425	481	461	493	473
	132M Without Motor	117	120	127	130	146	149	175	178	163	159	182	178	211	207	231	227	239	236	271	268	315	312	312	309			394	374	430	410	442	422
	132M With Motor	169	172							215	211	234	230	263	259			291	288	323	320	367	364	371	368			446	426	482	462	494	474
	132M With Motor & Brake	176	181							224	220	243	239	272	268			300	297	329	325	376	373	380	377			455	435	491	471	503	483
	160M Without Motor	124	127	137	140					172	168	189	185	215	211	235	231	247	244	279	276	325	322	316	313	357	337	402	382	440	420	446	426
	160M With Motor	196	199							244	240	261	257					319	316	351	348	397	394			429	409	474	454	512	492		
	160L Without Motor	124	127	137	140					172	168	189	185	215	211	235	231	247	244	279	276	325	323	316	313	357	337	402	382	440	420	446	426
	160L With Motor	209	212							244	240	274	270					332	329	364	361	410	407			442	422	487	467	525	505		
	180M Without Motor	124	127							172	168	189	185					247	244	279	276					357	337	402	382				
	180M With Motor	232	235							280	276	297	293					345	342	377	374					465	445	510	490				
	180L Without Motor	124	127							172	168	189	185					247	244	279	276					357	337	402	382				
	180L With Motor	268	271							316	312	333	329					381	378	413	410					501	481	546	526				
	200L Without Motor	124	127							172	168	190	186					247	244	279	276					357	337	402	382				
	200L With Motor	292	295							340	336							405	402	437	434					525	505	570	550				
	225S Without Motor	136	141							188	182	204	200					261	258	293	290					371	351	416	396				
	225S With Motor	345	348							393	389							468	465	500	497					578	558	623	603				
	225M Without Motor	138	141							188	182	204	200					261	258	293	290					371	351	416	396				
	225M With Motor	363	366							411	407							488	483	518	515					598	578	641	621				
	250M Without Motor																	310	307	342	339					420	400	457	437				
	250M With Motor																	574	571							664	664						
	280S Without Motor																	310	307	342	339					420	400	457	437				
	280S With Motor																	672	669							782	762						
	280M Without Motor																	310	307	342	339					420	400	457	437				
	280M With Motor																	737	734							847	827						

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

COLUMN 9 ENTRY [B] - BASE MOUNT

[F] - FLANGE MOUNT

Above figures are indicative and may vary as per make of motor

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 Power Build Limited 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.

Power Build Limited 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 300C), 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.

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. Take notice of 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 commission Power Build Limited 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 Power Build Limited 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 Power Build Limited.