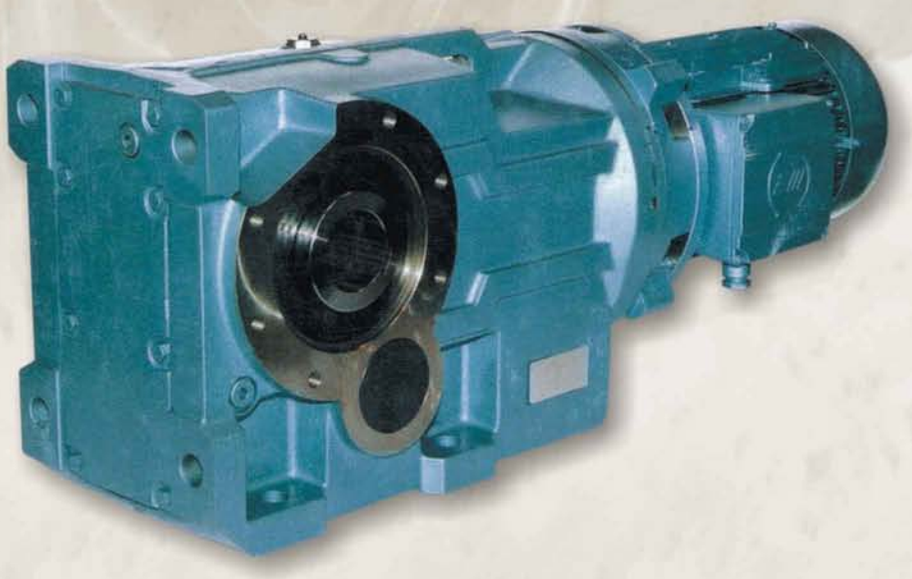
Series K



POWER BUILD LIMITED

Catalogue No: K/PC/03/08-10/500

INFRASTRUCTURE

CONTENTS

SERIES K
GENERAL DESCRIPTION

Series K right angle drive helical bevel helical geared motors offer ratios from 8 : 1 to 160 : 1 in three stages or up to 10,000 : 1 in five stages Motors are available up to 90kW and output torque capacity up to12,300Nm.
The Series K geared motor is designed with integral cast feet for base or end mounting and can be offered with single or double extended output shafts. Units are also available shaft mounted or with output flanges and are available for mounting horizontally or vertically. The units can also be offered with a bolt on torque reaction bracket and all variants are available either motorised or with an input shaft assembly.

Adding to the new range of Power Build Ltd. geared motors this product takes advantage of our many years of accumulated design expertise together with the use of high quality materials and components. The end result is a series of speed reducing geared motors offering high load carrying capacities, increased efficiency, quiet running and reliability.

The range includes:

9 sizes of unit K03, K04, K05, K06, K07, K08, K09, K10 and K12

Version B - standard unit with feet
Version F or H - standard unit with output flange
Version T or Q - standard unit with torque bracket

Unit Types:

Unit type M - Motorised with IEC standard motor
Unit type G - Unit to allow fitting of IEC motor
Unit type R - Reducer unit
Unit type S - Reducer unit with fan kit
Unit type W - Reducer unit with backstop CCW rotation
Unit type X - Reducer unit with backstop CW rotation
Unit type Y - Reducer unit with fan and backstop CW rotation
Unit type Z - Reducer unit with fan and backstop CCW rotation

Design Features Include:

Standard motor connection (IEC Frame)

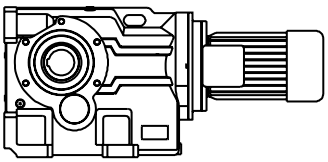
Ability to fit double oil seals, on input or output shaft as required

All units are dimensionally interchangeable with other major manufacturers

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

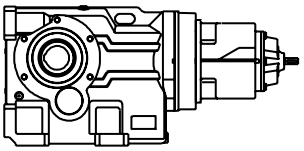
Motorised units can be fitted with a backstop module and reducer units can be fitted with a backstop and fan.

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.



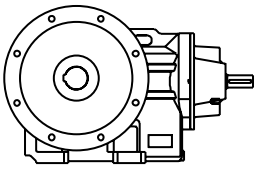
Motorised
Triple reduction
Standard unit with feet

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



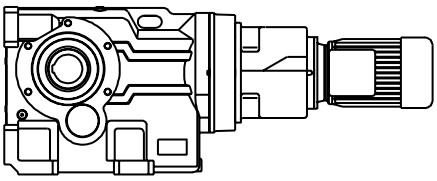
Reducer
Quintuple reduction
Standard unit with feet

* K 0 8 5 2 1 2 C B R C - 1 - - - - - - -



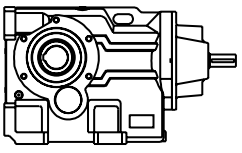
Reducer
Triple reduction
Standard unit with
output flange on left

* K 0 9 3 1 5 0 . F R H - 1 - - - - - - -



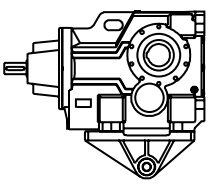
Motorised
Quintuple reduction
Standard unit with feet

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



Reducer
Triple reduction
Standard unit with feet

* K 0 8 3 2 5 0 . B R C - 1 - - - - - - -



Reducer
Triple reduction
Standard unit with
torque bracket

* K 0 8 3 2 5 0 . T R H - 1 - - - - - - -

* Typical unit designations

SERIES K
UNIT DESIGNATIONS

	Gearbox Codes												Motor Codes					
	Series	Size of Unit		No of Reductions	Revision Version	Nominal Overall Ratio			Unit Version	Type of Unit	Output Shaft	Motor Adaptor	Mounting Position		Geared Motor Power			No of Motor Poles	Additional Motor Features	Additional Gearbox Features
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*	K																			
Example	K	0	8	3	2	5	0	.	B	M	C	-	1	D	.	1	8	A	-	-

1 - Series K

Range [K]

2, 3 - Size of Unit

[0 3] Through [1 2]

4 - No of Reductions

[3] Through [5]

5 - Revision Version

[2] For Sizes 03 to 08

[1] For Sizes 09 to 12

6, 7, 8 - Nominal Overall Ratio

eg [5 0 .] See Page 79 - 86

9 - Unit Version

Standard Unit with Feet [B]

STD Unit with Output Flange [F] on Left ** [H] on Right **

STD Unit with Torque Bracket [T] on Left ** [Q] on Right **

10 - Type of Unit

[M] - Motorised with IEC standard motor

[G] - Unit to allow fitting of IEC motor

[R] - Reducer unit

[S] - Reducer unit with fan kit

[W] - Reducer unit with backstop CCW rotation

[X] - Reducer unit with backstop CW rotation

[Y] - Reducer unit with fan and backstop CW rotation

[Z] - Reducer unit with fan and backstop CCW rotation

11 - OUTPUT SHAFT

Standard Single Extension [C] on Left ** [E] on Right **

Standard Double Extension [D]

Extended Shaft for Flange Mounted Units [F]

Standard Hollow Shaft [H]

12 - Motor Adaptor For Unit Types Column 10 Entries M or G

See Pages 9 and 10

For All Other Types Enter [-]

13, 14 - Mounting Position

eg [2 B] See Page 12

15, 16, 17 - Geared Motor Powers

Motor Power Required

eg [. 7 5] See Page 18 - 71

For reducer and non standard motor types enter [- - -]

18 - No of Motor Poles

[-] No motor

	50 Hz
4 Pole (Std) 1500 rpm	[A]
6 Pole (Std) 1000 rpm	[C]
2 Pole 3000 rpm	[E]
8 Pole 750 rpm	[G]

[S] Dual speed or special motor

19 - Additional Motor Features

eg [-] [A] See Page 15

For Types Without Motor Enter [-]

20 - Additional Gearbox Features

Double Oil Seal, Motorised Backstop Etc

eg [-] [F] See Page 16

* This Page May Be Photocopied Allowing The Customer To Enter Their Order

** Looking on Inputshaft Mounting Position 1 (See page 13 for unit handings)

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 factors Fm and Fs

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 (Page-4) 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 Ltd. 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 Ltd.

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

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

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

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

SELECTION PROCEDURE FOR MOTORISED UNITS

EXAMPLE APPLICATION DETAILS

Absorbed power of driven machine = 13kW
Output speed of gearbox or Input speed of machine = 44rev/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 Shock
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

2 DETERMINE REQUIRED OUTPUT TORQUE AT GEARBOX OUTPUTSHAFT

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

$$\frac{13 \times 9550}{43} = 2887 \text{ Nm}$$

3 SELECT GEARED MOTOR

Refer to selection table one motor size larger than absorbed power.
Absorbed power = 13kW, therefore refer to 15kW selection table, page 63

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

Required output speed of gearbox = 43 rev/min

15 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
181	8.03	757	3.39	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 5 . A - -	272	160L
97	14.94	1408	2.68	34000	1 6 .		
81	17.93	1700	2.05	34000	1 8 .		
73	20.03	1893	1.88	34000	2 0 .		
67	21.61	2040	2.03	34000	2 2 .		
60	24.14	2280	1.85	34000	2 5 .		
52	27.78	2621	1.44	34000	2 8 .		
46	31.67	3005	1.26	34000	3 2 .		
43	33.47	3162	1.33	34000	3 6 .		
38	38.16	3596	1.17	34000	4 0 .		

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 = 2887 Nm

15 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	181	8.03	757	3.39	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 5 . A - -	272	160L
	97	14.94	1408	2.68	34000	1 6 .		
	81	17.93	1700	2.05	34000	1 8 .		
	73	20.03	1893	1.88	34000	2 0 .		
	67	21.61	2040	2.03	34000	2 2 .		
	60	24.14	2280	1.85	34000	2 5 .		
	52	27.78	2621	1.44	34000	2 8 .		
	46	31.67	3005	1.26	34000	3 2 .		
	43	33.47	3162	1.33	34000	3 6 .		
	38	38.16	3596	1.17	34000	4 0 .		

Selected unit's output torque (M2) = 3162 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

15 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	181	8.03	757	3.39	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 5 . A - -	272	160L
	97	14.94	1408	2.68	34000	1 6 .		
	81	17.93	1700	2.05	34000	1 8 .		
	73	20.03	1893	1.88	34000	2 0 .		
	67	21.61	2040	2.03	34000	2 2 .		
	60	24.14	2280	1.85	34000	2 5 .		
	52	27.78	2621	1.44	34000	2 8 .		
	46	31.67	3005	1.26	34000	3 2 .		
	43	33.47	3162	1.33	34000	3 6 .		
	38	38.16	3596	1.17	34000	4 0 .		

Selected unit's service factor (Fm) = 1.33, therefore unit is acceptable.

6 CHECK OVERHUNG LOADS

If sprocket, gear, etc is mounted on the outputshaft then refer to Overhung Loads Procedure, page 63, and compare with allowable overhung load (N) of selected unit

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

15 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	181	8.03	757	3.39	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 5 . A - -	272	160L
	97	14.94	1408	2.68	34000	1 6 .		
	81	17.93	1700	2.05	34000	1 8 .		
	73	20.03	1893	1.88	34000	2 0 .		
	67	21.61	2040	2.03	34000	2 2 .		
	60	24.14	2280	1.85	34000	2 5 .		
	52	27.78	2621	1.44	34000	2 8 .		
	46	31.67	3005	1.26	34000	3 2 .		
	43	33.47	3162	1.33	34000	3 6 .		
	38	38.16	3596	1.17	34000	4 0 .		

NOTE: If any of the following conditions occur then consult Power Build Ltd. Application Engineers:-

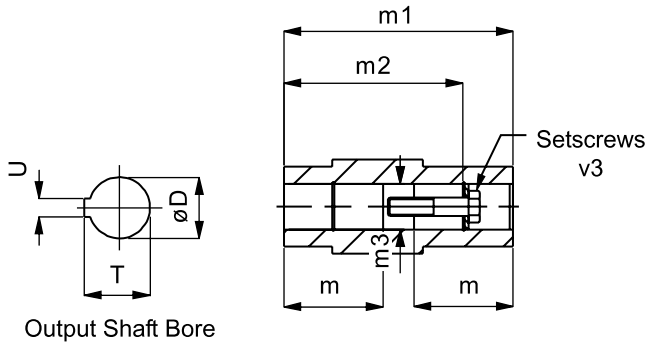
a) Inertia of the Driven Machine (Referred to motor speed) / Inertia of Gear Unit plus Motor >10 b) Ambient temperature is above 40°C

OUTPUTBORE OPTIONS, COLUMN 11 ENTRY

Column 11 Entry

Standard Hollow Shaft H

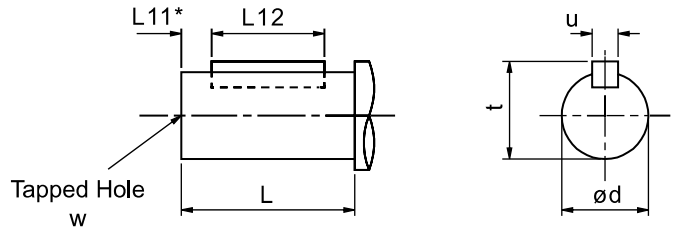
Standard Hollow Shaft



Output Shaft Bore

SIZE OF UNIT	TYPE OF BORE	COLUMN 11 ENTRY	DIMENSIONS IN MM							
			øD	m	m1	m2	øm3	T	U	v3
K03	Standard	H	30.021 / 30.000	52.5	120	105	30.3	33.5	8	M10x50L
K04	Standard	H	35.025 / 35.000	66	150	132	35.3	38.5	10	M12x55L
K05	Standard	H	40.025 / 40.000	73	166	142	40.3	43.5	12	M16x70L
K06	Standard	H	40.025 / 40.000	80	180	156	40.3	43.5	12	M16x70L
K07	Standard	H	50.025 / 50.000	92.5	210	183	50.5	54	14	M16x70L
K08	Standard	H	60.030/60.000	105	240	210	60.5	64.5	18	M20x80L
K09	Standard	H	70.030/70.000	132.5	300	270	70.5	75	20	M20x80L
K10	Standard	H	80.030/80.000	155	350	313	80.5	85.5	22	M20x80L
K12	Standard	H	100.035/100.000	180	410	373	100.5	106.5	28	M24x110L

OUTPUTSHAFT OPTIONS, COLUMN 11 ENTRY



Column 11 Entry

Standard Single Extension [C] on Left [E] on Right

Standard Double Extension [D]

Std Extended Shaft for Flange Mounted Units [F] **

** See page 92 for dimensions of this shaft option

*** Consult Power Build Limited

SIZE OF UNIT	TYPE OF OUTPUT SHAFT	COLUMN 11 ENTRY	DIMENSIONS IN MM						
			ød	L	L11	L12	t	u	w
K03	Standard Single Ext.	C / E	25.015 / 25.002	47	3	40	28	8	M10 x 1.5 x 22 Deep
	Standard Double Ext.	D	25.015 / 25.002	47	3	40	28	8	M10 x 1.5 x 22 Deep
K04	Standard Single Ext.	C / E	30.015 / 30.002	56	3	50	33	8	M12 x 1.75 x 28 Deep
	Standard Double Ext.	D	30.015 / 30.002	56	3	50	33	8	M12 x 1.75 x 28 Deep
K05	Standard Single Ext.	C / E	35.018 / 35.002	66	3	60	38	10	M16 x 2 x 36 Deep
	Standard Double Ext.	D	35.018 / 35.002	66	3	60	38	10	M16 x 2 x 36 Deep
K06	Standard Single Ext.	C / E	40.018 / 40.002	76	3	70	43	12	M16 x 2 x 36 Deep
	Standard Double Ext.	D	39.991 / 39.975	76	3	70	43	12	M16 x 2 x 36 Deep
K07	Standard Single Ext.	C / E	50.018 / 50.002	95	3	80	53.5	14	M16 x 2 x 36 Deep
	Standard Double Ext.	D	49.991 / 49.975	95	3	80	53.5	14	M16 x 2 x 36 Deep
K08	Standard Single Ext.	C / E	60.030 / 60.011	114	3	100	64	18	M20 x 2.5 42 Deep
	Standard Double Ext.	D	59.990 / 59.971	114	3	100	64	18	M20 x 2.5 42 Deep
K09	Standard Single Ext.	C / E	70.030 / 70.011	135	3	110	74.5	20	M20 x 2.5 x 42 Deep
	Standard Double Ext.	D	69.990 / 69.971	135	3	110	74.5	20	M20 x 2.5 x 42 Deep
K10	Standard Single Ext.	C / E	90.035 / 90.013	172	5	140	95	25	M20 x 2.5 x 42 Deep
	Standard Double Ext.	D	75.030 / 75.011	163	5	110	79.5	20	M20 x 2.5 x 42 Deep
K12	Standard Single Ext.	C / E	110.035 / 110.013	213	5	180	116	28	M24 x 3 x 55 Deep
	Standard Double Ext.	D	95.035 / 95.013	200	5	140	100	25	M20 x 2.5 x 42 Deep

TRIPLE REDUCTION UNITS

IEC Flanges B14 - Column 12 Entry For Unit Types Column 10 Entries G and M Only

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER										
		K0332		K0432		K0532		K0632		K0732	
	RATIO COVERAGE	8.0 - 20.	25. - 125	8.0 - 32.	36. - 125	8.0 - 25.	28. - 125	8.0 - 25.	28. - 125	8.0 - 20.	25. - 125
71	COLUMN 12	H	H	-	H	-	E	-	E	-	-
80		B	K	B	K	-	G	-	G	-	G
90		D	R	D	R	Z	J	Z	J	-	J
100		E	S	E	S	B	L	B	L	B	L
112		E	S	E	S	B	L	B	L	B	L

IEC Flanges B5 - Column 12 Entry For Unit Types Column 10 Entries G and M Only

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER																		
		K0332		K0432		K0532		K0632		K0732		K0832		K0931		K1031		K1231		
	RATIO COVERAGE	8.0 - 20.	25. - 125	8.0 - 32.	36. - 125	8.0 - 25.	28. - 125	8.0 - 25.	28. - 125	8.0 - 20.	25. - 125	8.0 - 32.	36. - 125	8.0 - 40.	45. - 160	8.0 - 40.	45. - 160	8.0 - 40	45. - 100	112 - 160
63	COLUMN 12 ENTRY	F	F	-	F	-	V	-	V	-	-	-	-	-	-	-	-	-	-	-
71		G	G	-	G	-	D	-	D	-	-	-	-	-	-	-	-	-	-	-
80		A	J	A	J	W	F	W	F	-	F	-	D	-	E	-	-	-	-	-
90		C	Q	C	Q	Y	H	Y	H	-	H	-	E	-	F	-	-	-	-	-
100		-	-	-	-	A	K	A	K	A	K	A	F	-	G	-	E	-	G	N
112		-	-	-	-	A	K	A	K	A	K	A	F	-	G	-	E	-	G	N
132		-	-	-	-	N	P	N	P	C	M	B	G	-	H	-	F	-	H	P
160		-	-	-	-	-	-	-	-	E	P	C	H	A	J	A	G	A	J	Q
180		-	-	-	-	-	-	-	-	-	-	-	-	B	K	B	H	B	K	R
200		-	-	-	-	-	-	-	-	-	-	-	-	C	L	C	J	C	L	S
225		-	-	-	-	-	-	-	-	-	-	-	-	D	M	D	K	D	M	T
250		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E	U	-
280		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F	W	-

QUINTUPLE REDUCTION UNITS

IEC Flanges B14 - Column 12 Entry For Unit Types Column 10 Entries G and M Only

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER							
		K0652	K0752	K0852	K0951		K1051	
	RATIO COVERAGE	125 & Over	125 & Over	125 & Over	180 - 500	560 & Over	180 - 500	560 & Over
71	COLUMN 12 ENTRY	H	H	E	-	E	-	-
80		K	K	G	-	G	-	G
90		R	R	J	Z	J	-	J
100		S	S	L	B	L	B	L
112		S	S	L	B	L	B	L
132		-	-	-	-	-	D	N

IEC Flanges B5 - Column 12 Entry For Unit Types Column 10 Entries G and M Only

MOTOR FRAME / FLANGE	UNIT SIZE, NUMBER OF REDUCTIONS, REVISION NUMBER									
		K0652	K0752	K0852	K0951		K1051		K1251	
	RATIO COVERAGE	125 & Over	125 & Over	125 & Over	180 - 500	560 & Over	180 - 500	560 & Over	180 - 500	560 & Over
63	COLUMN 12 ENTRY	F	F	V	-	V	-	-	-	-
71		G	G	D	-	D	-	-	-	-
80		J	J	F	W	F	-	F	-	D
90		Q	Q	H	Y	H	-	H	-	E
100		-	-	K	A	K	A	K	A	F
112		-	-	K	A	K	A	K	A	F
132		-	-	P	N	P	C	M	B	G
160		-	-	-	-	-	E	P	C	H

Gear units 03, 04, 05, 06 & 07 will be supplied filled with a quantity of EP mineral oil 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 2. Gear units 08, 09, 10 & 12 are supplied without lubricant.

LUBRICATION CHANGE PERIOD

- Sizes 03, 04 and 05 are filled for life.
- All other sizes of Series K 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 1 or Power Build Limited.

TABLE 1 OIL GRADES

LUBRICANT	AMBIENT TEMPERATURE RANGE		
	-5°C to 20°C (type E) -30°C to 20°C (type H)	0°C to 35°C	20°C to 50°C
EP Mineral Oil (type E)	5E (VG 220)	6E (VG 320)	7E (VG 460)
Polyalphaolefin based Synthetic (type H)	5H (VG 220)	5H (VG 220)	6H (VG 320)

TABLE 2 LUBRICANT QUANTITY (Litres) TRIPLE REDUCTION

K03, K04 & K05 - fill with correct quantity of lubricant
K06, K07, K08, K09, K10 & K12 - fill gearbox until oil escapes from level plug hole

TRIPLE REDUCTION									
Unit Size		K0332	K0432	K0532	K0632	K0732	K0832	K0931	K1031	K1231
MOUNTING POSITION	1	0.8	1.0	1.5	1.7	3.5	4.5	8.8	14	22
	2	1.0	1.3	1.85	2.8	5.8	8.0	15	24	36
	3	1.0	1.3	1.85	2.8	5.8	8.0	15	24	36
	4	1.3	1.7	2.4	3.3	6.8	9.1	17.5	28.6	41
	5	1.7	2.2	3.1	4.2	8.7	10.4	20.9	33	49
	6	1.0	1.3	1.9	2.9	5.8	9.1	16.3	25.6	35.9

TABLE 3 LUBRICANT QUANTITY (Litres) QUINTUPLE REDUCTION

QUINTUPLE REDUCTION					
Unit Size		K0652		K0752	
		* Primary	Secondary	* Primary	Secondary
		M0420	K0632	M0420	K0732
MOUNTING POSITION	1	0.6	1.7	0.6	3.5
	2	0.6	2.8	0.6	5.8
	3	0.6	2.8	0.6	5.8
	4	0.6	3.3	0.6	9.1
	5	1.4	4.2	1.4	10.4
	6	1.6	2.9	1.6	9.1

QUINTUPLE REDUCTION									
Unit Size		K0852		K0951		K1051		K1251	
		* Primary	Secondary	* Primary	Secondary	* Primary	Secondary	* Primary	Secondary
		M0620	K0832	M0620	K0931	M0720	K1031	M0820	K1231
MOUNTING POSITION	1	1.7	4.5	1.7	8.8	2.8	14.0	4.6	22.0
	2	1.7	9.3	1.7	15.0	2.8	24.0	4.6	36.0
	3	1.7	6.2	1.7	15.0	2.8	24.0	4.6	36.0
	4	1.7	9.1	1.7	17.5	2.8	28.6	4.6	41.0
	5	3.5	10.4	3.5	20.9	5.2	33.0	10.0	49.0
	6	3.2	9.1	3.2	16.3	6.0	25.6	9.6	35.9

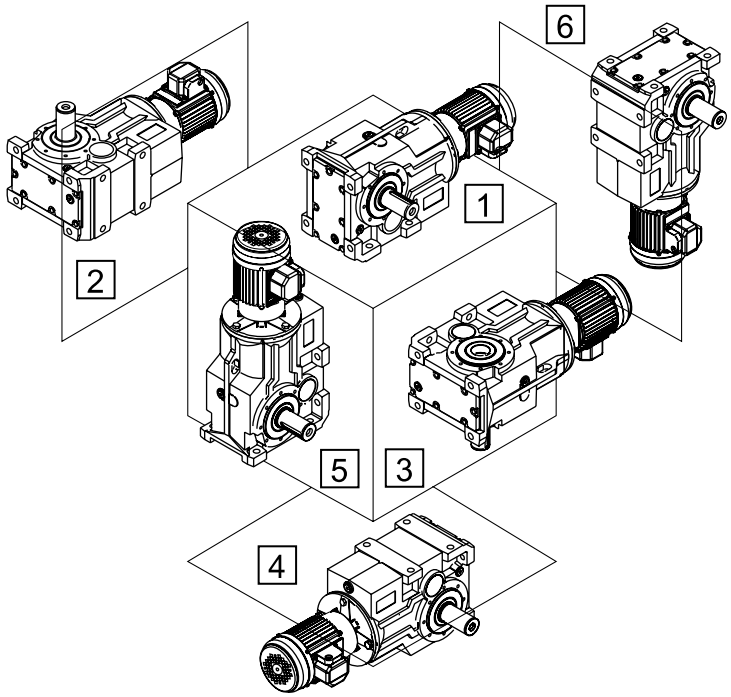
* NOTE: Primary units filled with Power Build Limited Grade 6E lubricant suitable for all ambient temperatures between 0°C and 35°C

MOUNTING POSITIONS

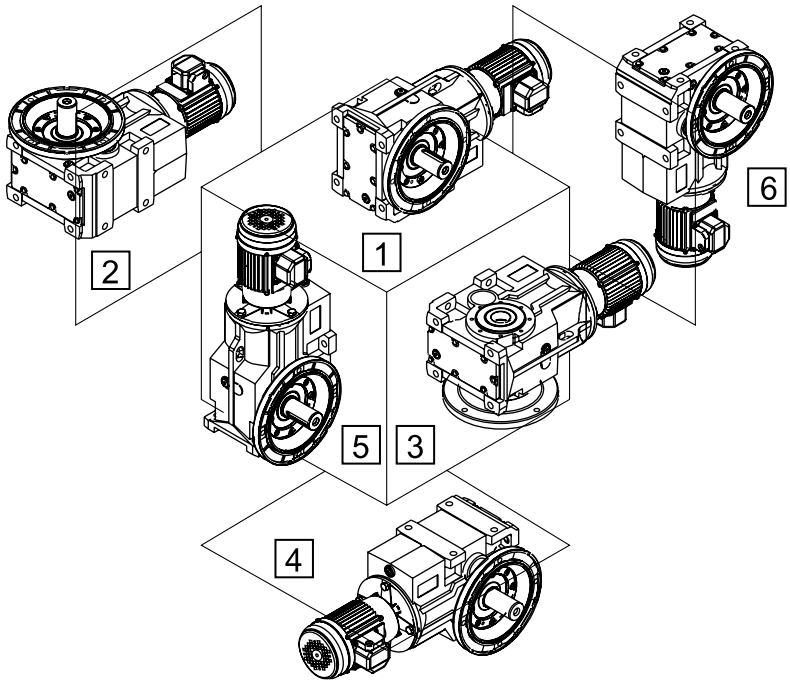
COLUMN 13 ENTRY

Enter [-] for units with no oil fill

Base Mounted Units



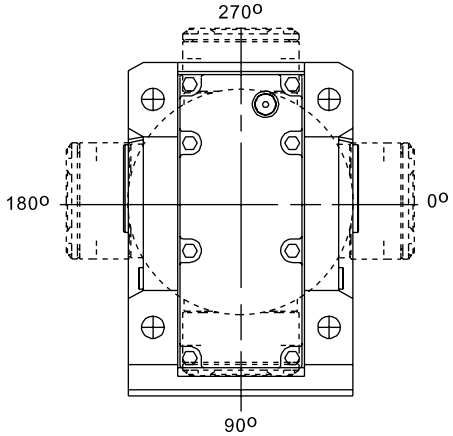
Flange Mounted Units



MOUNTING POSITIONS - SHOWN AS MOTORISED - APPLIES ALSO FOR REDUCERS

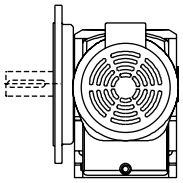
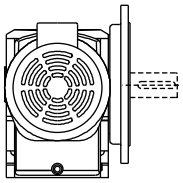
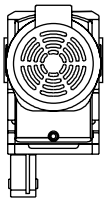
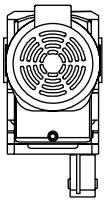
COLUMN 14 ENTRY

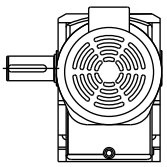
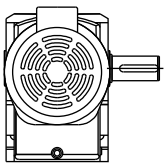
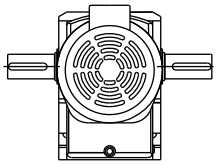
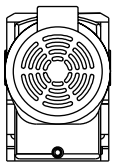
ALL MOTORS



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

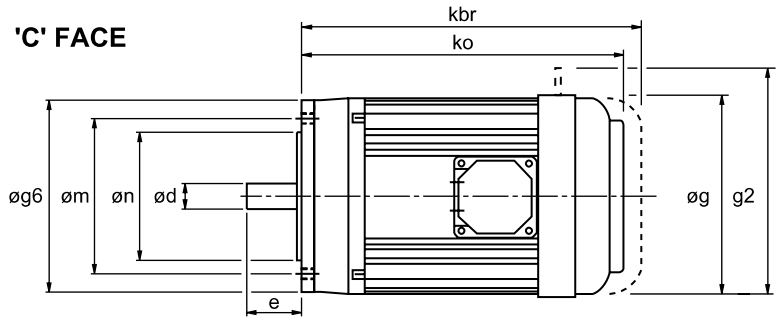
UNIT HANDINGS

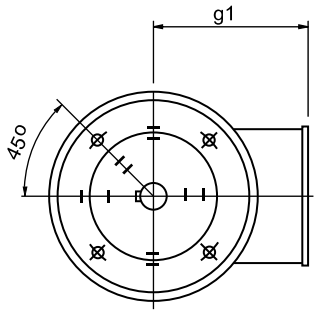
Column 9 Entry	Left	Right
Std Unit with Output Flange	F 	H 
Std Unit with Torque Bracket	T 	Q 

Column 11 Entry	Metric	
	Left	Right
Single Output Shaft	C 	E 
Double Output Shaft	D 	
Hollow Shaft	H 	

Note: non-standard handing, please contact Power Build Limited.

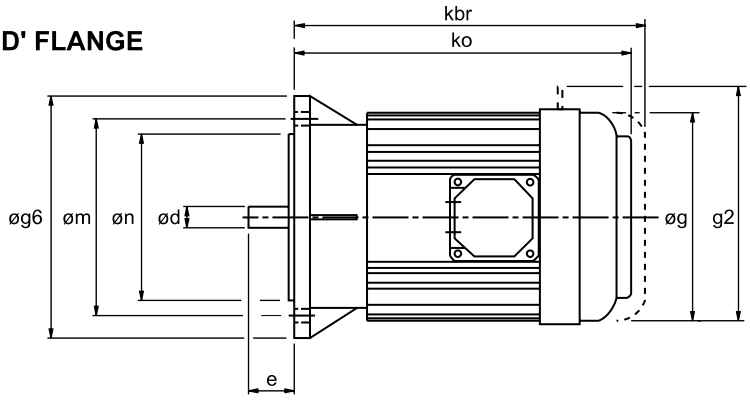
B14 'C' FACE

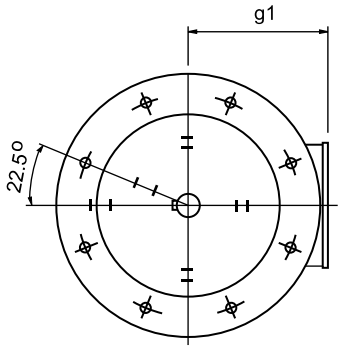




MOTOR FRAME SIZE	øg6	øm	øn	ød	e	ko*	kbr*	øg*	g1*	g2*	FIXING BOLTS
71	105	85	70	14	30	221	265	138	102	167	4 x M6
80	120	100	80	19	40	239	291	157	125	190	4 x M6
90S	140	115	95	24	50	260	312	177	133	218	4 x M8
90L	140	115	95	24	50	275	327	177	133	218	4 x M8
100L	160	130	110	28	60	310	370	197	144	238	4 x M8
112M	160	130	110	28	60	325	399	219	155	238	4 x 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	218	263	122	96	160	4 x M8
71	160	130	110	14	30	221	265	138	102	167	4 x M8
80	200	165	130	19	40	239	291	157	125	190	4 x M10
90S	200	165	130	24	50	260	312	177	133	218	4 x M10
90L	200	165	130	24	50	275	327	177	133	218	4 x M10
100L	250	215	180	28	60	310	370	197	144	238	4 x M12
112M	250	215	180	28	60	325	399	219	155	238	4 x M12
132S	300	265	230	38	80	392	475	235	172	288	4 x M12
132M	300	265	230	38	80	412	495	235	172	288	4 x M12
160M	350	300	250	42	110	455	538	273	282	323	4 x M16
160L	350	300	250	42	110	500	583	273	282	323	4 x M16
180M	350	300	250	48	110	557	-	382	307	-	4 x M16
180L	350	300	250	48	110	595	-	382	307	-	4 x M16
200L	400	350	300	55	110	658	-	420	372	-	4 x M16
225S	450	400	350	60	140	671	-	458	427	-	8 x M16
225M	450	400	350	60	140	696	-	458	427	-	8 x M16
250M	550	500	450	65	140	771	-	510	490	-	8 x M16
280S	550	500	450	75	140	837	-	576	520	-	8 x M16
280M	550	500	450	75	140	888	-	576	520	-	8 x M16

* Dimensions ko, kbr, g, g1 & g2 may vary as per make of motor

ADDITIONAL MOTOR FEATURES - COLUMN 19 ENTRY

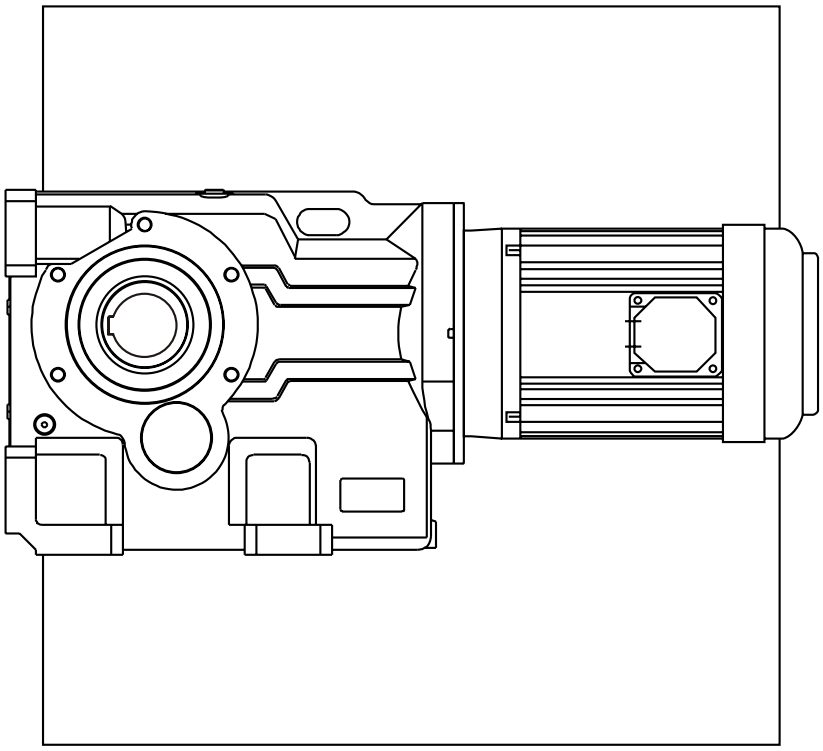
Column 19 Entry	Brake Motor	Hand Release on Brake	Thermistors	Special
-				
A	●			
B	●	●		
C				
D	●			
E	●	●		
F			●	
G	●		●	
H	●	●	●	
K			●	
L	●		●	
M	●	●	●	
S				●

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

ADDITIONAL GEARBOX FEATURES - COLUMN 20 ENTRY

Column 20 Entry	Double Oil Seals	Oil Level Glass	Motorised Backstop		Special
			CW Rotation	CCW Rotation	
-					
A	●				
B		●			
C	●	●			
D			●		
E	●		●		
F		●	●		
G	●	●	●		
H				●	
I	●			●	
J		●		●	
K	●	●		●	
L					●



MOTORISED

SERIES K

POWER BUILD LIMITED

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 Size
163	8.33	6	20.32	4300	K 0 3 3 2 8 . 0 _ M _ - _ _ . 1 2 A - -	20.5	63
121	11.25	9	16.96	4730	1 1 .		
106	12.8	10	15.63	4930	1 2 .		
94	14.5	11	14.46	5130	1 4 .		
73	18.54	15	12.19	5550	1 8 .		
68	19.98	16	11.57	5680	2 0 .		
54	25.23	20	9.77	6000	2 5 .		
48	28.6	23	8.91	6000	2 8 .		
42	32.68	26	8.13	6000	3 2 .		
37	36.35	29	7.5	6000	3 6 .		
34	40.08	32	6.9	6000	4 0 .		
31	44.11	35	6.27	6000	4 5 .		
26	51.68	41	5.36	6000	5 0 .		
22	62	50	4.47	6000	6 3 .		
19	72.27	58	3.85	6000	7 1 .		
17	80.3	64	3.46	6000	8 0 .		
14	96.7	78	2.38	6000	1 0 0		
12	110.83	89	1.78	6000	1 1 2		
11	125.96	101	1.54	6000	1 2 5		
4.95	283.73	220	3.76	8000	K 0 6 5 2 2 8 0 _ M _ - _ _ . 1 2 A - -	56	63
4.55	308.47	239	3.46	8000	3 2 0		
3.88	361.68	280	2.95	8000	3 6 0		
3.57	393.22	305	2.71	8000	4 0 0		
3.18	441.69	342	2.42	8000	4 5 0		
2.93	480.20	372	2.22	8000	5 0 0		
2.50	563.04	436	1.90	8000	5 6 0		
2.30	612.13	474	1.74	8000	6 3 0		
1.88	747.23	579	1.43	8000	7 0 0		
1.73	812.37	629	1.31	8000	8 0 0		
1.48	952.51	738	1.12	8000	9 0 0		
1.36	1035.55	802	1.03	8000	1 0 C		
1.24	1134.29	879	0.94	8000	1 1 C		
1.14	1233.18	956	0.87	8000	1 2 C		
2.38	589.97	457	3.65	15000	K 0 7 5 2 5 6 0 _ M _ - _ _ . 1 2 A - -	75	63
2.19	641.41	497	3.36	15000	6 3 0		
1.94	724.87	562	2.97	15000	7 0 0		
1.70	828.19	642	2.60	15000	8 0 0		
1.45	971.06	752	2.22	15000	9 0 0		
1.33	1055.72	818	2.04	15000	1 0 C		
1.18	1193.08	924	1.81	15000	1 1 C		
1.09	1294.89	1003	1.66	15000	1 2 C		
0.93	1518.26	1176	1.42	15000	1 4 C		
0.85	1650.63	1279	1.31	15000	1 6 C		
0.75	1865.39	1445	1.16	15000	1 8 C		
0.67	2101.85	1629	1.03	15000	2 0 C		
0.61	2295.54	1779	0.94	15000	2 2 C		
0.56	2495.67	1934	0.86	15000	2 5 C		
1.49	940.78	729	3.70	15700	K 0 8 5 2 9 0 0 _ M _ - _ _ . 1 2 A - -	69	63
1.40	1004.46	778	3.47	15700	1 0 C		
1.32	1062.26	823	3.28	15700	1 1 C		
1.19	1177.44	912	2.96	15700	1 2 C		
1.12	1257.14	974	2.77	15700	1 4 C		
0.94	1501.24	1163	2.32	15700	1 6 C		
0.76	1848.00	1432	1.89	15700	1 8 C		
0.64	2206.82	1710	1.58	15700	2 0 C		
0.60	2356.20	1826	1.48	15700	2 2 C		
0.52	2704.15	2095	1.29	15700	2 5 C		
0.47	2961.00	2294	1.18	15700	2 8 C		
0.41	3447.80	2672	1.01	15700	3 2 C		
0.37	3775.28	2925	0.92	15700	3 6 C		
0.34	4150.13	3216	0.84	15700	4 0 C		
1.18	1190.00	922	3.98	34000	K 0 9 5 1 1 2 C _ M _ - _ _ . 1 2 A - -	191	63
1.03	1365.73	1058	3.47	34000	1 4 C		
0.94	1495.45	1159	3.17	34000	1 6 C		
0.85	1661.45	1287	2.85	34000	1 8 C		
0.73	1934.60	1499	2.45	34000	2 0 C		
0.66	2118.35	1641	2.24	34000	2 2 C		
0.55	2549.86	1976	1.86	34000	2 5 C		
0.49	2893.57	2242	1.64	34000	2 8 C		
0.43	3245.13	2515	1.46	34000	3 2 C		
0.39	3601.79	2791	1.31	34000	3 6 C		
0.34	4087.29	3167	1.16	34000	4 0 C		
0.31	4583.88	3552	1.03	34000	4 5 C		
0.29	4919.89	3812	0.96	34000	5 0 C		
0.25	5517.63	4275	0.86	34000	5 6 C		

NOTE

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

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 Size
104	8.33	10	14.12	4860	K 0 3 3 2 8 . 0 _ M _ - _ _ . 1 2 C - -	20.5	63
77	11.25	14	11.86	5330	1 1 .		
68	12.8	16	10.88	5550	1 2 .		
60	14.5	18	10.04	5770	1 4 .		
47	18.54	23	8.46	6000	1 8 .		
44	19.98	25	8.01	6000	2 0 .		
34	25.23	32	6.8	6000	2 5 .		
30	28.6	36	6.17	6000	2 8 .		
27	32.68	41	5.4	6000	3 2 .		
24	36.35	46	4.87	6000	3 6 .		
22	40.08	51	4.41	6000	4 0 .		
20	44.11	56	4.01	6000	4 5 .		
17	51.68	65	3.43	6000	5 0 .		
14	62	78	2.86	6000	6 3 .		
12	72.27	91	2.45	6000	7 1 .		
11	80.3	101	2.21	6000	8 0 .		
9	96.7	122	1.52	6000	1 0 0		
7.8	110.83	139	1.14	6000	1 1 2		
6.9	125.96	158	0.99	6000	1 2 5		
8.2	105.69	133	3.25	6000	K 0 4 3 2 1 1 2 _ M _ - _ _ . 1 2 C - -	26.5	63
7.2	120.15	151	2.92	6000	1 2 5		
6.59	137.32	165	3.87	8000	K 0 6 5 2 1 4 0 _ M _ - _ _ . 1 2 C - -	56	63
5.62	161.01	194	3.30	8000	1 6 0		
4.55	199.04	239	3.18	8000	2 0 0		
3.73	242.90	292	2.71	8000	2 5 0		
3.19	283.73	341	2.42	8000	2 8 0		
2.93	308.47	371	2.23	8000	3 2 0		
2.50	361.68	435	1.90	8000	3 6 0		
2.30	393.22	473	1.75	8000	4 0 0		
2.05	441.69	531	1.56	8000	4 5 0		
1.88	480.20	578	1.43	8000	5 0 0		
1.61	563.04	677	1.22	8000	5 6 0		
1.48	612.13	736	1.12	8000	6 3 0		
1.21	747.23	899	0.92	8000	7 0 0		
1.11	812.37	977	0.85	8000	8 0 0		
3.57	253.67	305	4.00	15000	K 0 7 5 2 2 5 0 _ M _ - _ _ . 1 2 C - -	75	63
2.97	304.76	367	4.36	15000	2 8 0		
2.73	331.33	399	4.01	15000	3 2 0		
2.33	388.48	467	3.42	15000	3 6 0		
2.14	422.35	508	3.15	15000	4 0 0		
1.96	462.83	557	3.00	15000	4 5 0		
1.80	503.18	605	2.76	15000	5 0 0		
1.53	589.97	710	2.35	15000	5 6 0		
1.41	641.41	772	2.16	15000	6 3 0		
1.25	724.87	872	1.92	15000	7 0 0		
1.09	828.19	996	1.68	15000	8 0 0		
0.93	971.06	1168	1.43	15000	9 0 0		
0.86	1055.72	1270	1.31	15000	1 0 C		
0.76	1193.08	1435	1.16	15000	1 1 C		
0.70	1294.89	1558	1.07	15000	1 2 C		
0.60	1518.26	1826	0.91	15000	1 4 C		
0.55	1650.63	1986	0.84	15000	1 6 C		
1.54	588.49	708	3.81	15700	K 0 8 5 2 5 6 0 _ M _ - _ _ . 1 2 C - -	169	63
1.36	665.68	801	3.37	15700	6 3 0		
1.23	737.86	888	3.04	15700	7 0 0		
1.15	787.81	948	2.85	15700	8 0 0		
0.96	940.78	1132	2.39	15700	9 0 0		
0.90	1004.46	1208	2.23	15700	1 0 C		
0.85	1062.26	1278	2.11	15700	1 1 C		
0.77	1177.44	1416	1.91	15700	1 2 C		
0.72	1257.14	1512	1.79	15700	1 4 C		
0.60	1501.24	1806	1.50	15700	1 6 C		
0.49	1848.00	2223	1.21	15700	1 8 C		
0.41	2206.82	2655	1.02	15700	2 0 C		
0.38	2356.20	2834	0.95	15700	2 2 C		
0.33	2704.15	3253	0.83	15700	2 5 C		

NOTE

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

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 Size
1.70	531.82	640	5.74	34000	K 0 9 5 1 5 6 0 _ M _ - _ _ . 1 2 C - -	191	63
1.46	618.55	744	4.93	34000	6 3 0		
1.33	678.07	816	4.50	34000	7 0 0		
1.15	788.65	949	3.87	34000	8 0 0		
1.04	874.16	1052	3.49	34000	9 0 0		
0.97	933.33	1123	3.27	34000	1 0 C		
0.81	1114.56	1341	2.74	34000	1 1 C		
0.76	1190.00	1432	2.56	34000	1 2 C		
0.66	1365.73	1643	2.23	34000	1 4 C		
0.61	1495.45	1799	2.04	34000	1 6 C		
0.54	1661.45	1999	1.84	34000	1 8 C		
0.47	1934.60	2327	1.58	34000	2 0 C		
0.43	2118.35	2548	1.44	34000	2 2 C		
0.35	2549.86	3067	1.20	34000	2 5 C		
0.31	2893.57	3481	1.05	34000	2 8 C		
0.28	3245.13	3904	0.94	34000	3 2 C		
0.25	3601.79	4333	0.85	34000	3 6 C		

NOTE

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

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 Size
165	8.33	10	13.65	4269	K 0 3 3 2 8 . 0 _ M _ - _ _ . 1 8 A - -	20.5	63
122	11.25	13	11.39	4688	1 1 .		
107	12.8	15	10.5	4882	1 2 .		
95	14.5	17	9.71	5076	1 4 .		
74	18.54	22	8.19	5481	1 8 .		
69	19.98	24	7.77	5606	2 0 .		
54	25.23	30	6.56	5913	2 5 .		
48	28.6	34	5.98	5916	2 8 .		
42	32.68	39	5.46	5917	3 2 .		
38	36.35	43	5.03	5917	3 6 .		
34	40.08	48	4.63	5952	4 0 .		
31	44.11	53	4.21	5957	4 5 .		
27	51.68	62	3.6	5963	5 0 .		
22	62	74	3	6000	6 3 .		
19	72.27	87	2.58	6000	7 1 .		
17	80.3	96	2.33	6000	8 0 .		
14	96.7	116	1.6	6000	1 0 0		
12	110.83	132	1.2	6000	1 1 2		
11	125.96	151	1.03	6000	1 2 5		
13	105.69	127	3.3	6000	K 0 4 3 2 1 1 2 _ M _ - _ _ . 1 8 A - -	26.5	63
11	120.15	144	3.06	6000	1 2 5		
8.73	161.01	187	3.42	8000	K 0 6 5 2 1 6 0 _ M _ - _ _ . 1 8 A - -	56	63
7.06	199.04	231	3.29	8000	2 0 0		
5.78	242.90	282	2.80	8000	2 5 0		
4.95	283.73	330	2.51	8000	2 8 0		
4.55	308.47	359	2.31	8000	3 2 0		
3.88	361.68	420	1.97	8000	3 6 0		
3.57	393.22	457	1.81	8000	4 0 0		
3.18	441.69	513	1.61	8000	4 5 0		
2.93	480.20	558	1.48	8000	5 0 0		
2.50	563.04	654	1.26	8000	5 6 0		
2.30	612.13	711	1.16	8000	6 3 0		
1.88	747.23	869	0.95	8000	7 0 0		
1.73	812.37	944	0.88	8000	8 0 0		
3.62	388.48	452	3.54	15000	K 0 7 5 2 3 6 0 _ M _ - _ _ . 1 8 A - -	75	63
3.33	422.35	491	3.26	15000	4 0 0		
3.04	462.83	538	3.10	15000	4 5 0		
2.79	503.18	585	2.86	15000	5 0 0		
2.38	589.97	686	2.44	15000	5 6 0		
2.19	641.41	746	2.24	15000	6 3 0		
1.94	724.87	843	1.98	15000	7 0 0		
1.70	828.19	963	1.73	15000	8 0 0		
1.45	971.06	1129	1.48	15000	9 0 0		
1.33	1055.72	1227	1.36	15000	1 0 C		
1.18	1193.08	1387	1.20	15000	1 1 C		
1.09	1294.89	1505	1.11	15000	1 2 C		
0.93	1518.26	1765	0.95	15000	1 4 C		
0.85	1650.63	1919	0.87	15000	1 6 C		
2.39	588.49	684	3.95	15700	K 0 8 5 2 5 6 0 _ M _ - _ _ . 1 8 A - -	169	63
2.11	665.68	774	3.49	15700	6 3 0		
1.90	737.86	858	3.15	15700	7 0 0		
1.78	787.81	916	2.95	15700	8 0 0		
1.49	940.78	1093	2.47	15700	9 0 0		
1.40	1004.46	1167	2.31	15700	1 0 C		
1.32	1062.26	1235	2.19	15700	1 1 C		
1.19	1177.44	1369	1.97	15700	1 2 C		
1.12	1257.14	1461	1.85	15700	1 4 C		
0.94	1501.24	1745	1.55	15700	1 6 C		
0.76	1848.00	2148	1.26	15700	1 8 C		
0.64	2206.82	2565	1.05	15700	2 0 C		
0.60	2356.20	2739	0.99	15700	2 2 C		
0.52	2704.15	3143	0.86	15700	2 5 C		

NOTE

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

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 Size
4 POLE	1.78	788.65	917	4.00	34000	K 0 9 5 1 8 0 0 _ M _ - _ _ . 1 8 A - -	191	63
	1.61	874.16	1016	3.61	34000	9 0 0		
	1.51	933.33	1085	3.38	34000	1 0 C		
	1.26	1114.56	1295	2.83	34000	1 1 C		
	1.18	1190.00	1383	2.65	34000	1 2 C		
	1.03	1365.73	1587	2.31	34000	1 4 C		
	0.94	1495.45	1738	2.11	34000	1 6 C		
	0.85	1661.45	1931	1.90	34000	1 8 C		
	0.73	1934.60	2249	1.63	34000	2 0 C		
	0.66	2118.35	2462	1.49	34000	2 2 C		
	0.55	2549.86	2964	1.24	34000	2 5 C		
	0.49	2893.57	3363	1.09	34000	2 8 C		
	0.43	3245.13	3772	0.97	34000	3 2 C		
	0.39	3601.79	4186	0.88	34000	3 6 C		
6 POLE	108	8.33	15	9.74	4815	K 0 3 3 2 8 . 0 _ M _ - _ _ . 1 8 C - -	22.5	71
	80	11.25	20	8.18	5271	1 1 .		
	70	12.8	23	7.5	5482	1 2 .		
	62	14.5	26	6.93	5693	1 4 .		
	49	18.54	34	5.83	5915	1 8 .		
	45	19.98	36	5.52	5916	2 0 .		
	36	25.23	46	4.69	5916	2 5 .		
	31	28.6	52	4.26	5914	2 8 .		
	28	32.68	60	3.72	5910	3 2 .		
	25	36.35	66	3.36	5905	3 6 .		
	22	40.08	73	3.04	5965	4 0 .		
	20	44.11	81	2.77	5964	4 5 .		
	17	51.68	95	2.36	5942	5 0 .		
	15	62	113	1.97	5976	6 3 .		
	12	72.27	132	1.69	5903	7 1 .		
	11	80.3	147	1.53	6000	8 0 .		
	9.3	96.7	177	1.05	5923	1 0 0		
	11	80.1	146	3.01	6000	K 0 4 3 2 8 0 . _ M _ - _ _ . 1 8 C - -	27.5	71
	10	93.12	170	2.49	6000	1 0 0		
	8.5	105.69	193	2.24	5986	1 1 2		
	7.5	120.15	219	2.01	6000	1 2 5		
	7.17	126.31	228	2.81	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 1 8 C - -	58	71
	6.59	137.32	248	2.58	8000	1 4 0		
	5.62	161.01	291	2.20	8000	1 6 0		
	4.55	199.04	359	2.12	8000	2 0 0		
	3.73	242.90	438	1.80	8000	2 5 0		
	3.19	283.73	512	1.62	8000	2 8 0		
	2.93	308.47	557	1.49	8000	3 2 0		
	2.50	361.68	653	1.27	8000	3 6 0		
	2.30	393.22	710	1.17	8000	4 0 0		
	2.05	441.69	797	1.04	8000	4 5 0		
	1.88	480.20	867	0.95	8000	5 0 0		
	1.61	563.04	1016	0.81	8000	5 6 0		
	6.64	136.38	246	2.89	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 1 8 C - -	76	71
	6.10	148.27	268	2.66	15000	1 4 0		
	4.79	188.91	341	3.26	15000	1 6 0		
	3.88	233.33	421	2.90	15000	2 0 0		
	3.57	253.67	458	2.67	15000	2 5 0		
	2.97	304.76	550	2.91	15000	2 8 0		
	2.73	331.33	598	2.68	15000	3 2 0		
	2.33	388.48	701	2.28	15000	3 6 0		
	2.14	422.35	762	2.10	15000	4 0 0		
	1.96	462.83	835	2.00	15000	4 5 0		
	1.80	503.18	908	1.84	15000	5 0 0		
	1.53	589.97	1065	1.57	15000	5 6 0		
	1.41	641.41	1157	1.44	15000	6 3 0		
	1.25	724.87	1308	1.28	15000	7 0 0		
	1.09	828.19	1494	1.12	15000	8 0 0		
	0.93	971.06	1752	0.95	15000	9 0 0		
	0.86	1055.72	1905	0.88	15000	1 0 C		

NOTE

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

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 Size
2.17	416.40	751	3.59	15700	K 0 8 5 2 4 0 0 _ M _ - _ _ . 1 8 C - -	171	71
1.96	461.56	833	3.24	15700	4 5 0		
1.84	492.80	889	3.04	15700	5 0 0		
1.54	588.49	1062	2.54	15700	5 6 0		
1.36	665.68	1201	2.25	15700	6 3 0		
1.23	737.86	1331	2.03	15700	7 0 0		
1.15	787.81	1422	1.90	15700	8 0 0		
0.96	940.78	1698	1.59	15700	9 0 0		
0.90	1004.46	1813	1.49	15700	1 0 C		
0.85	1062.26	1917	1.41	15700	1 1 C		
0.77	1177.44	2125	1.27	15700	1 2 C		
0.72	1257.14	2268	1.19	15700	1 4 C		
0.60	1501.24	2709	1.00	15700	1 6 C		
0.49	1848.00	3335	0.81	15700	1 8 C		
1.70	531.82	960	3.82	34000	K 0 9 5 1 5 6 0 _ M _ - _ _ . 1 8 C - -	193	71
1.46	618.55	1116	3.29	34000	6 3 0		
1.33	678.07	1224	3.00	34000	7 0 0		
1.15	788.65	1423	2.58	34000	8 0 0		
1.04	874.16	1577	2.33	34000	9 0 0		
0.97	933.33	1684	2.18	34000	1 0 C		
0.81	1114.56	2011	1.82	34000	1 1 C		
0.76	1190.00	2147	1.71	34000	1 2 C		
0.66	1365.73	2464	1.49	34000	1 4 C		
0.61	1495.45	2699	1.36	34000	1 6 C		
0.54	1661.45	2998	1.22	34000	1 8 C		
0.47	1934.60	3491	1.05	34000	2 0 C		
0.43	2118.35	3823	0.96	34000	2 2 C		
0.35	2549.86	4601	0.80	34000	2 5 C		

NOTE

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

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 Size
168	8.33	13	10.04	4233	K 0 3 3 2 8 . 0 _ M _ - _ _ . 2 5 A - -	22.5	71
124	11.25	18	8.38	4640	1 1 .		
109	12.8	21	7.72	4827	1 2 .		
97	14.5	23	7.14	5013	1 4 .		
76	18.54	30	6.02	5401	1 8 .		
70	19.98	33	5.72	5519	2 0 .		
56	25.23	41	4.83	5812	2 5 .		
49	28.6	47	4.4	5818	2 8 .		
43	32.68	53	4.02	5820	3 2 .		
39	36.35	59	3.7	5822	3 6 .		
35	40.08	65	3.41	5896	4 0 .		
32	44.11	72	3.1	5907	4 5 .		
27	51.68	84	2.65	5921	5 0 .		
23	62	101	2.21	6000	6 3 .		
19	72.27	118	1.9	6000	7 1 .		
17	80.3	131	1.71	6000	8 0 .		
14	96.7	158	1.17	6000	1 0 0		
13	110.83	180	0.88	6000	1 1 2		
20	71.09	116	3.8	6000	K 0 4 3 2 7 1 . _ M _ - _ _ . 2 5 A - -	27.5	71
17	80.1	130	3.38	6000	8 0 .		
15	93.12	152	2.69	6000	1 0 0		
13	105.69	172	2.43	6000	1 1 2		
12	120.15	195	2.25	6000	1 2 5		
11.12	126.31	204	3.14	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 2 5 A - -	58	71
10.23	137.32	222	2.89	8000	1 4 0		
8.73	161.01	260	2.46	8000	1 6 0		
7.06	199.04	321	2.37	8000	2 0 0		
5.78	242.90	392	2.02	8000	2 5 0		
4.95	283.73	458	1.81	8000	2 8 0		
4.55	308.47	498	1.66	8000	3 2 0		
3.88	361.68	584	1.42	8000	3 6 0		
3.57	393.22	635	1.30	8000	4 0 0		
3.18	441.69	713	1.16	8000	4 5 0		
2.93	480.20	775	1.07	8000	5 0 0		
2.50	563.04	909	0.91	8000	5 6 0		
2.30	612.13	988	0.84	8000	6 3 0		
10.30	136.38	220	3.23	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 2 5 A - -	76	71
9.48	148.27	239	2.97	15000	1 4 0		
7.44	188.91	305	3.64	15000	1 6 0		
6.02	233.33	377	3.24	15000	2 0 0		
5.54	253.67	410	2.98	15000	2 5 0		
4.61	304.76	492	3.25	15000	2 8 0		
4.24	331.33	535	2.99	15000	3 2 0		
3.62	388.48	627	2.55	15000	3 6 0		
3.33	422.35	682	2.35	15000	4 0 0		
3.04	462.83	747	2.24	15000	4 5 0		
2.79	503.18	812	2.06	15000	5 0 0		
2.38	589.97	952	1.75	15000	5 6 0		
2.19	641.41	1035	1.61	15000	6 3 0		
1.94	724.87	1170	1.43	15000	7 0 0		
1.70	828.19	1337	1.25	15000	8 0 0		
1.45	971.06	1568	1.07	15000	9 0 0		
1.33	1055.72	1704	0.98	15000	1 0 C		
1.18	1193.08	1926	0.87	15000	1 1 C		
1.09	1294.89	2090	0.80	15000	1 2 C		

NOTE

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

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 Size
3.04	461.56	745	3.62	15700	K 0 8 5 2 4 5 0 _ M _ - _ _ . 2 5 A - -	171	71
2.85	492.80	796	3.39	15700	5 0 0		
2.39	588.49	950	2.84	15700	5 6 0		
2.11	665.68	1075	2.51	15700	6 3 0		
1.90	737.86	1191	2.27	15700	7 0 0		
1.78	787.81	1272	2.12	15700	8 0 0		
1.49	940.78	1519	1.78	15700	9 0 0		
1.40	1004.46	1622	1.67	15700	1 0 C		
1.32	1062.26	1715	1.57	15700	1 1 C		
1.19	1177.44	1901	1.42	15700	1 2 C		
1.12	1257.14	2029	1.33	15700	1 4 C		
0.94	1501.24	2423	1.11	15700	1 6 C		
0.76	1848.00	2983	0.91	15700	1 8 C		
2.27	618.55	999	3.68	34000	K 0 9 5 1 6 3 0 _ M _ - _ _ . 2 5 A - -	193	71
2.07	678.07	1095	3.35	34000	7 0 0		
1.78	788.65	1273	2.88	34000	8 0 0		
1.61	874.16	1411	2.60	34000	9 0 0		
1.51	933.33	1507	2.44	34000	1 0 C		
1.26	1114.56	1799	2.04	34000	1 1 C		
1.18	1190.00	1921	1.91	34000	1 2 C		
1.03	1365.73	2205	1.66	34000	1 4 C		
0.94	1495.45	2414	1.52	34000	1 6 C		
0.85	1661.45	2682	1.37	34000	1 8 C		
0.73	1934.60	3123	1.18	34000	2 0 C		
0.66	2118.35	3420	1.07	34000	2 2 C		
0.55	2549.86	4116	0.89	34000	2 5 C		

NOTE

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

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 Size
108	8.33	21	7.01	4764	K 0 3 3 2 8 . 0 _ M _ - _ _ . 2 5 C - -	22.5	71
80	11.25	28	5.89	5202	1 1 .		
70	12.8	32	5.4	5404	1 2 .		
62	14.5	37	4.99	5604	1 4 .		
49	18.54	47	4.2	5816	1 8 .		
45	19.98	51	3.97	5819	2 0 .		
36	25.23	64	3.38	5819	2 5 .		
31	28.6	73	3.06	5815	2 8 .		
28	32.68	83	2.68	5805	3 2 .		
25	36.35	93	2.42	5794	3 6 .		
22	40.08	102	2.19	5925	4 0 .		
20	44.11	112	1.99	5923	4 5 .		
17	51.68	132	1.7	5876	5 0 .		
15	62	158	1.42	5948	6 3 .		
12	72.27	184	1.22	5791	7 1 .		
11	80.3	204	1.1	6000	8 0 .		
18	49.35	125	3.5	6000	K 0 4 3 2 5 0 . _ M _ - _ _ . 2 5 C - -	27.5	71
15	59.24	150	2.92	6000	6 3 .		
13	71.09	180	2.44	6000	7 1 .		
11	80.1	203	2.17	6000	8 0 .		
10	93.12	237	1.79	6000	1 0 0		
8.5	105.69	268	1.62	5971	1 1 2		
7.5	120.15	304	1.45	6000	1 2 5		
7.17	126.31	317	2.02	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 2 5 C - -	58	71
6.59	137.32	344	1.86	8000	1 4 0		
5.62	161.01	404	1.59	8000	1 6 0		
4.55	199.04	499	1.53	8000	2 0 0		
3.73	242.90	609	1.30	8000	2 5 0		
3.19	283.73	711	1.16	8000	2 8 0		
2.93	308.47	773	1.07	8000	3 2 0		
2.50	361.68	906	0.91	8000	3 6 0		
2.30	393.22	985	0.84	8000	4 0 0		
6.64	136.38	342	2.08	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 2 5 C - -	76	71
6.10	148.27	372	1.92	15000	1 4 0		
4.79	188.91	473	2.34	15000	1 6 0		
3.88	233.33	585	2.09	15000	2 0 0		
3.57	253.67	636	1.92	15000	2 5 0		
2.97	304.76	764	2.09	15000	2 8 0		
2.73	331.33	830	1.93	15000	3 2 0		
2.33	388.48	974	1.64	15000	3 6 0		
2.14	422.35	1059	1.51	15000	4 0 0		
1.96	462.83	1160	1.44	15000	4 5 0		
1.80	503.18	1261	1.32	15000	5 0 0		
1.53	589.97	1479	1.13	15000	5 6 0		
1.41	641.41	1608	1.04	15000	6 3 0		
1.25	724.87	1817	0.92	15000	7 0 0		
1.09	828.19	2076	0.80	15000	8 0 0		
3.37	268.41	673	3.58	15700	K 0 8 5 2 2 5 0 _ M _ - _ _ . 2 5 C - -	171	71
3.04	297.52	746	3.23	15700	2 8 0		
2.85	317.66	796	3.03	15700	3 2 0		
2.53	358.02	897	3.01	15700	3 6 0		
2.17	416.40	1044	2.59	15700	4 0 0		
1.96	461.56	1157	2.33	15700	4 5 0		
1.84	492.80	1235	2.19	15700	5 0 0		
1.54	588.49	1475	1.83	15700	5 6 0		
1.36	665.68	1668	1.62	15700	6 3 0		
1.23	737.86	1849	1.46	15700	7 0 0		
1.15	787.81	1974	1.37	15700	8 0 0		
0.96	940.78	2358	1.15	15700	9 0 0		
0.90	1004.46	2517	1.07	15700	1 0 C		
0.85	1062.26	2662	1.01	15700	1 1 C		
0.77	1177.44	2951	0.91	15700	1 2 C		
0.72	1257.14	3151	0.86	15700	1 4 C		
1.70	531.82	1333	2.75	34000	K 0 9 5 1 5 6 0 _ M _ - _ _ . 2 5 C - -	193	71
1.46	618.55	1550	2.37	34000	6 3 0		
1.33	678.07	1699	2.16	34000	7 0 0		
1.15	788.65	1977	1.86	34000	8 0 0		
1.04	874.16	2191	1.68	34000	9 0 0		
0.97	933.33	2339	1.57	34000	1 0 C		
0.81	1114.56	2793	1.31	34000	1 1 C		
0.76	1190.00	2982	1.23	34000	1 2 C		
0.66	1365.73	3423	1.07	34000	1 4 C		
0.61	1495.45	3748	0.98	34000	1 6 C		
0.54	1661.45	4164	0.88	34000	1 8 C		

NOTE

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

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 Size
168	8.33	20	6.78	4171	K 0 3 3 2 8 . 0 _ M _ - _ _ . 3 7 A - -	22.5	71
124	11.25	27	5.66	4556	1 1 .		
109	12.8	31	5.22	4732	1 2 .		
97	14.5	35	4.83	4906	1 4 .		
76	18.54	45	4.07	5263	1 8 .		
70	19.98	48	3.86	5372	2 0 .		
56	25.23	61	3.26	5640	2 5 .		
49	28.6	69	2.97	5650	2 8 .		
43	32.68	79	2.71	5655	3 2 .		
39	36.35	88	2.5	5658	3 6 .		
35	40.08	97	2.3	5801	4 0 .		
32	44.11	107	2.09	5821	4 5 .		
27	51.68	125	1.79	5849	5 0 .		
23	62	150	1.49	6000	6 3 .		
19	72.27	175	1.28	6000	7 1 .		
17	80.3	194	1.16	6000	8 0 .		
31	45.39	110	3.94	6000	K 0 4 3 2 4 5 . _ M _ - _ _ . 3 7 A - -	27.5	71
28	49.35	119	3.68	6000	5 0 .		
24	59.24	143	3.08	6000	6 3 .		
20	71.09	171	2.57	6000	7 1 .		
17	80.1	193	2.28	6000	8 0 .		
15	93.12	225	1.82	6000	1 0 0		
13	105.69	255	1.64	6000	1 1 2		
12	120.15	289	1.52	6000	1 2 5		
11.12	126.31	302	2.12	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 3 7 A - -	58	71
10.23	137.32	328	1.95	8000	1 4 0		
8.73	161.01	385	1.66	8000	1 6 0		
7.06	199.04	476	1.60	8000	2 0 0		
5.78	242.90	580	1.36	8000	2 5 0		
4.95	283.73	678	1.22	8000	2 8 0		
4.55	308.47	737	1.12	8000	3 2 0		
3.88	361.68	864	0.96	8000	3 6 0		
3.57	393.22	939	0.88	8000	4 0 0		
3.18	441.69	1055	0.78	8000	4 5 0		
10.30	136.38	326	2.19	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 3 7 A - -	76	71
9.48	148.27	354	2.01	15000	1 4 0		
7.44	188.91	451	2.46	15000	1 6 0		
6.02	233.33	557	2.19	15000	2 0 0		
5.54	253.67	606	2.01	15000	2 5 0		
4.61	304.76	728	2.20	15000	2 8 0		
4.24	331.33	792	2.02	15000	3 2 0		
3.62	388.48	928	1.72	15000	3 6 0		
3.33	422.35	1009	1.59	15000	4 0 0		
3.04	462.83	1106	1.51	15000	4 5 0		
2.79	503.18	1202	1.39	15000	5 0 0		
2.38	589.97	1410	1.18	15000	5 6 0		
2.19	641.41	1532	1.09	15000	6 3 0		
1.94	724.87	1732	0.96	15000	7 0 0		
1.70	828.19	1979	0.84	15000	8 0 0		
5.23	268.41	641	3.76	15700	K 0 8 5 2 2 5 0 _ M _ - _ _ . 3 7 A - -	171	71
4.72	297.52	711	3.39	15700	2 8 0		
4.42	317.66	759	3.18	15700	3 2 0		
3.92	358.02	855	3.16	15700	3 6 0		
3.37	416.40	995	2.71	15700	4 0 0		
3.04	461.56	1103	2.45	15700	4 5 0		
2.85	492.80	1177	2.29	15700	5 0 0		
2.39	588.49	1406	1.92	15700	5 6 0		
2.11	665.68	1590	1.70	15700	6 3 0		
1.90	737.86	1763	1.53	15700	7 0 0		
1.78	787.81	1882	1.43	15700	8 0 0		
1.49	940.78	2248	1.20	15700	9 0 0		
1.40	1004.46	2400	1.13	15700	1 0 C		
1.32	1062.26	2538	1.06	15700	1 1 C		
1.19	1177.44	2813	0.96	15700	1 2 C		
1.12	1257.14	3004	0.90	15700	1 4 C		
2.64	531.82	1271	2.89	34000	K 0 9 5 1 5 6 0 _ M _ - _ _ . 3 7 A - -	193	71
2.27	618.55	1478	2.48	34000	6 3 0		
2.07	678.07	1620	2.27	34000	7 0 0		
1.78	788.65	1884	1.95	34000	8 0 0		
1.61	874.16	2089	1.76	34000	9 0 0		

NOTE

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

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 Size
4 POLE							
1.51	933.33	2230	1.65	34000	1 0 C	193	71
1.26	1114.56	2663	1.38	34000	1 1 C		
1.18	1190.00	2843	1.29	34000	1 2 C		
1.03	1365.73	3263	1.12	34000	1 4 C		
0.94	1495.45	3573	1.03	34000	1 6 C		
0.85	1661.45	3970	0.92	34000	1 8 C		
6 POLE							
110	8.33	30	4.84	4676	K 0 3 3 2 8 . 0 _ M _ - _ _ . 3 7 C - -	25.5	80
82	11.25	41	4.07	5085	1 1 .		
72	12.8	47	3.73	5269	1 2 .		
63	14.5	53	3.44	5451	1 4 .		
50	18.54	68	2.9	5647	1 8 .		
46	19.98	74	2.75	5653	2 0 .		
36	25.23	93	2.33	5653	2 5 .		
32	28.6	106	2.12	5645	2 8 .		
28	32.68	121	1.85	5625	3 2 .		
25	36.35	134	1.67	5604	3 6 .		
23	40.08	148	1.51	5857	4 0 .		
21	44.11	163	1.38	5853	4 5 .		
18	51.68	191	1.18	5761	5 0 .		
15	62	229	0.98	5901	6 3 .		
13	72.27	267	0.84	5598	7 1 .		
29	31.54	116	3.7	6000	K 0 4 3 2 3 2 . _ M _ - _ _ . 3 7 C - -	31.5	80
26	35.83	131	3.34	6000	3 6 .		
23	39.46	145	3.03	6000	4 0 .		
20	45.39	168	2.62	6000	4 5 .		
19	49.35	182	2.42	6000	5 0 .		
16	59.24	218	2.02	6000	6 3 .		
13	71.09	261	1.69	5990	7 1 .		
11	80.1	294	1.5	6000	8 0 .		
10	93.12	343	1.24	6000	1 0 0		
8.7	105.69	388	1.12	5944	1 1 2		
7.7	120.15	441	1	6000	1 2 5		
12	79.77	294	2.24	8000	K 0 5 3 2 8 0 . _ M _ - _ _ . 3 7 C - -	40.5	80
9.4	97.76	360	1.83	8000	1 0 0		
8.4	108.96	401	1.64	8000	1 1 2		
7.5	122.2	448	1.35	8000	1 2 5		
13	71.49	263	3.13	8000	K 0 6 3 2 7 1 . _ M _ - _ _ . 3 7 C - -	48.5	80
12	78.28	290	2.85	8000	8 0 .		
10	95.93	353	2.34	8000	1 0 0		
8.6	106.93	393	2.1	8000	1 1 2		
7.7	119.92	439	1.35	8000	1 2 5		
7.28	126.31	461	1.39	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 3 7 C - -	62	80
6.70	137.32	501	1.28	8000	1 4 0		
5.71	161.01	587	1.09	8000	1 6 0		
4.62	199.04	726	1.05	8000	2 0 0		
3.79	242.90	886	0.89	8000	2 5 0		
6.75	136.38	498	1.43	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 3 7 C - -	80	80
6.20	148.27	541	1.32	15000	1 4 0		
4.87	188.91	689	1.61	15000	1 6 0		
3.94	233.33	851	1.43	15000	2 0 0		
3.63	253.67	926	1.32	15000	2 5 0		
3.02	304.76	1112	1.44	15000	2 8 0		
2.78	331.33	1209	1.32	15000	3 2 0		
2.37	388.48	1417	1.13	15000	3 6 0		
2.18	422.35	1541	1.04	15000	4 0 0		
1.99	462.83	1689	0.99	15000	4 5 0		
1.83	503.18	1836	0.91	15000	5 0 0		
7.31	125.85	459	3.66	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ . 3 7 C - -	175	80
6.57	139.98	511	3.66	15700	1 4 0		
5.65	162.81	594	3.15	15700	1 6 0		
3.99	230.78	842	2.86	15700	2 0 0		
3.43	268.41	979	2.46	15700	2 5 0		
3.09	297.52	1086	2.22	15700	2 8 0		
2.90	317.66	1159	2.08	15700	3 2 0		
2.57	358.02	1306	2.07	15700	3 6 0		
2.21	416.40	1519	1.78	15700	4 0 0		
1.99	461.56	1684	1.60	15700	4 5 0		
1.87	492.80	1798	1.50	15700	5 0 0		
1.56	588.49	2147	1.26	15700	5 6 0		
1.38	665.68	2429	1.11	15700	6 3 0		
1.25	737.86	2692	1.00	15700	7 0 0		
1.17	787.81	2874	0.94	15700	8 0 0		

NOTE

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

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 Size
3.37	272.62	995	3.69	34000	K 0 9 5 1 2 8 0 _ M _ - _ _ . 3 7 C - -	197	80
3.01	305.56	1115	3.29	34000	3 2 0		
2.69	341.63	1247	2.94	34000	3 6 0		
2.38	387.27	1413	2.60	34000	4 0 0		
2.11	435.57	1589	2.31	34000	4 5 0		
1.86	493.77	1802	2.04	34000	5 0 0		
1.73	531.82	1940	1.89	34000	5 6 0		
1.49	618.55	2257	1.63	34000	6 3 0		
1.36	678.07	2474	1.48	34000	7 0 0		
1.17	788.65	2878	1.28	34000	8 0 0		
1.05	874.16	3190	1.15	34000	9 0 0		
0.99	933.33	3405	1.08	34000	1 0 C		
0.83	1114.56	4067	0.90	34000	1 1 C		
0.77	1190.00	4342	0.85	34000	1 2 C		
1.72	533.94	1948	3.69	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ . 3 7 C - -	375	80
1.50	613.54	2239	3.21	43000	6 3 0		
1.35	681.54	2487	2.89	43000	7 0 0		
1.17	783.15	2858	2.52	43000	8 0 0		
1.05	878.83	3207	2.24	43000	9 0 0		
0.93	993.64	3626	1.98	43000	1 0 C		
0.82	1121.77	4093	1.76	43000	1 1 C		
0.73	1268.32	4628	1.55	43000	1 2 C		
0.67	1374.05	5014	1.43	43000	1 4 C		
0.61	1504.73	5490	1.31	43000	1 6 C		
0.55	1672.10	6101	1.18	43000	1 8 C		
0.47	1948.97	7111	1.01	43000	2 0 C		
0.43	2134.33	7788	0.92	43000	2 2 C		
1.00	921.37	3362	3.66	61000	K 1 2 5 1 9 0 0 _ M _ - _ _ . 3 7 C - -	567	80
0.88	1040.02	3795	3.24	61000	1 0 C		
0.80	1143.36	4172	2.95	61000	1 1 C		
0.71	1290.60	4709	2.61	61000	1 2 C		
0.63	1470.27	5365	2.29	61000	1 4 C		
0.57	1615.04	5893	2.09	61000	1 6 C		
0.51	1820.47	6642	1.85	61000	1 8 C		
0.45	2056.59	7504	1.64	61000	2 0 C		
0.41	2259.09	8243	1.49	61000	2 2 C		
0.35	2594.59	9467	1.30	61000	2 5 C		
0.32	2850.05	10399	1.18	61000	2 8 C		
0.30	3023.19	11031	1.12	61000	3 2 C		
0.25	3669.11	13388	0.92	61000	3 6 C		
0.23	4030.38	14706	0.84	61000	4 0 C		

NOTE

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

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 Size
171	8.33	29	4.63	4078	K 0 3 3 2 8 . 0 _ M _ - _ _ . 5 5 A - -	25.5	80
126	11.25	40	3.86	4432	1 1 .		
111	12.8	45	3.56	4590	1 2 .		
98	14.5	51	3.29	4745	1 4 .		
77	18.54	66	2.78	5057	1 8 .		
71	19.98	71	2.64	5150	2 0 .		
56	25.23	90	2.23	5381	2 5 .		
50	28.6	102	2.03	5398	2 8 .		
43	32.68	116	1.85	5407	3 2 .		
39	36.35	129	1.71	5412	3 6 .		
35	40.08	143	1.57	5658	4 0 .		
32	44.11	157	1.43	5692	4 5 .		
27	51.68	184	1.22	5740	5 0 .		
23	62	220	1.02	6000	6 3 .		
20	72.27	256	0.88	6000	7 1 .		
51	27.76	99	3.85	6000	K 0 4 3 2 2 8 . _ M _ - _ _ . 5 5 A - -	31.5	80
45	31.54	112	3.51	6000	3 2 .		
40	35.83	127	3.28	6000	3 6 .		
36	39.46	140	2.97	6000	4 0 .		
31	45.39	162	2.69	6000	4 5 .		
29	49.35	175	2.51	6000	5 0 .		
24	59.24	209	2.1	6000	6 3 .		
20	71.09	251	1.75	6000	7 1 .		
18	80.1	283	1.56	6000	8 0 .		
15	93.12	330	1.24	6000	1 0 0		
13	105.69	374	1.12	6000	1 1 2		
12	120.15	424	1.04	6000	1 2 5		
19	72.85	258	2.55	8000	K 0 5 3 2 7 1 . _ M _ - _ _ . 5 5 A - -	40.5	80
18	79.77	282	2.33	8000	8 0 .		
15	97.76	345	1.91	8000	1 0 0		
13	108.96	386	1.71	8000	1 1 2		
12	122.2	432	1.41	8000	1 2 5		
23	60.62	216	3.83	8000	K 0 6 3 2 6 3 . _ M _ - _ _ . 5 5 A - -	48.5	80
20	71.49	253	3.26	8000	7 1 .		
18	78.28	278	2.97	8000	8 0 .		
15	95.93	341	2.42	8000	1 0 0		
13	106.93	377	2.19	8000	1 1 2		
12	119.92	423	1.41	8000	1 2 5		
11.24	126.31	444	1.44	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 5 5 A - -	62	80
10.34	137.32	483	1.33	8000	1 4 0		
8.82	161.01	566	1.13	8000	1 6 0		
7.13	199.04	699	1.09	8000	2 0 0		
5.85	242.90	854	0.93	8000	2 5 0		
5.00	283.73	997	0.83	8000	2 8 0		
13	113.5	401	3.99	15000	K 0 7 3 2 1 1 2 _ M _ - _ _ . 5 5 A - -	67.5	80
11	126.11	442	3.12	15000	1 2 5		
10.41	136.38	479	1.49	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 5 5 A - -	80	80
9.58	148.27	521	1.37	15000	1 4 0		
7.52	188.91	664	1.67	15000	1 6 0		
6.09	233.33	820	1.49	15000	2 0 0		
5.60	253.67	891	1.37	15000	2 5 0		
4.66	304.76	1071	1.49	15000	2 8 0		
4.29	331.33	1164	1.37	15000	3 2 0		
3.66	388.48	1365	1.17	15000	3 6 0		
3.36	422.35	1484	1.08	15000	4 0 0		
3.07	462.83	1626	1.03	15000	4 5 0		
2.82	503.18	1768	0.94	15000	5 0 0		
2.41	589.97	2073	0.81	15000	5 6 0		

NOTE

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

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 Size
11.28	125.85	442	3.80	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ . 5 5 A - -	175	80
10.14	139.98	492	3.80	15700	1 4 0		
8.72	162.81	572	3.27	15700	1 6 0		
6.15	230.78	811	2.97	15700	2 0 0		
5.29	268.41	943	2.56	15700	2 5 0		
4.77	297.52	1045	2.31	15700	2 8 0		
4.47	317.66	1116	2.16	15700	3 2 0		
3.97	358.02	1258	2.15	15700	3 6 0		
3.41	416.40	1463	1.85	15700	4 0 0		
3.08	461.56	1622	1.66	15700	4 5 0		
2.88	492.80	1732	1.56	15700	5 0 0		
2.41	588.49	2068	1.31	15700	5 6 0		
2.13	665.68	2339	1.15	15700	6 3 0		
1.92	737.86	2593	1.04	15700	7 0 0		
1.80	787.81	2768	0.98	15700	8 0 0		
1.51	940.78	3306	0.82	15700	9 0 0		
5.21	272.62	958	3.83	34000	K 0 9 5 1 2 8 0 _ M _ - _ _ . 5 5 A - -	197	80
4.65	305.56	1074	3.42	34000	3 2 0		
4.16	341.63	1200	3.06	34000	3 6 0		
3.67	387.27	1361	2.70	34000	4 0 0		
3.26	435.57	1531	2.40	34000	4 5 0		
2.88	493.77	1735	2.12	34000	5 0 0		
2.67	531.82	1869	1.96	34000	5 6 0		
2.30	618.55	2174	1.69	34000	6 3 0		
2.09	678.07	2383	1.54	34000	7 0 0		
1.80	788.65	2771	1.32	34000	8 0 0		
1.62	874.16	3072	1.19	34000	9 0 0		
1.52	933.33	3280	1.12	34000	1 0 C		
1.27	1114.56	3917	0.94	34000	1 1 C		
1.19	1190.00	4182	0.88	34000	1 2 C		
2.66	533.94	1876	3.83	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ . 5 5 A - -	375	80
2.31	613.54	2156	3.33	43000	6 3 0		
2.08	681.54	2395	3.00	43000	7 0 0		
1.81	783.15	2752	2.61	43000	8 0 0		
1.62	878.83	3088	2.33	43000	9 0 0		
1.43	993.64	3492	2.06	43000	1 0 C		
1.27	1121.77	3942	1.82	43000	1 1 C		
1.12	1268.32	4457	1.61	43000	1 2 C		
1.03	1374.05	4828	1.49	43000	1 4 C		
0.94	1504.73	5288	1.36	43000	1 6 C		
0.85	1672.10	5876	1.22	43000	1 8 C		
0.73	1948.97	6849	1.05	43000	2 0 C		
0.67	2134.33	7500	0.96	43000	2 2 C		
1.54	921.37	3238	3.80	61000	K 1 2 5 1 9 0 0 _ M _ - _ _ . 5 5 A - -	567	80
1.37	1040.02	3655	3.37	61000	1 0 C		
1.24	1143.36	4018	3.06	61000	1 1 C		
1.10	1290.60	4535	2.71	61000	1 2 C		
0.97	1470.27	5167	2.38	61000	1 4 C		
0.88	1615.04	5675	2.17	61000	1 6 C		
0.78	1820.47	6397	1.92	61000	1 8 C		
0.69	2056.59	7227	1.70	61000	2 0 C		
0.63	2259.09	7938	1.55	61000	2 2 C		
0.55	2594.59	9117	1.35	61000	2 5 C		
0.50	2850.05	10015	1.23	61000	2 8 C		
0.47	3023.19	10623	1.16	61000	3 2 C		
0.39	3669.11	12893	0.95	61000	3 6 C		
0.35	4030.38	14163	0.87	61000	4 0 C		
0.33	4275.22	15023	0.82	61000	4 5 C		

NOTE

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

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 Size
110	8.33	46	3.26	4544	K 0 3 3 2 8 . 0 _ M _ - _ _ . 5 5 C - -	27	80
82	11.25	62	2.74	4908	1 1 .		
72	12.8	70	2.51	5067	1 2 .		
63	14.5	79	2.32	5221	1 4 .		
50	18.54	102	1.95	5394	1 8 .		
46	19.98	110	1.85	5403	2 0 .		
36	25.23	139	1.57	5403	2 5 .		
32	28.6	158	1.42	5390	2 8 .		
28	32.68	180	1.25	5355	3 2 .		
25	36.35	200	1.12	5319	3 6 .		
23	40.08	221	1.02	5754	4 0 .		
21	44.11	243	0.93	5747	4 5 .		
51	17.95	99	3.64	6000	K 0 4 3 2 1 8 . _ M _ - _ _ . 5 5 C - -	33	80
45	20.4	112	3.35	6000	2 0 .		
37	25.03	137	2.91	6000	2 5 .		
33	27.76	153	2.68	6000	2 8 .		
29	31.54	173	2.49	6000	3 2 .		
26	35.83	196	2.25	6000	3 6 .		
23	39.46	216	2.04	6000	4 0 .		
20	45.39	250	1.76	6000	4 5 .		
19	49.35	270	1.63	6000	5 0 .		
16	59.24	324	1.36	6000	6 3 .		
13	71.09	388	1.13	5975	7 1 .		
11	80.1	437	1.01	6000	8 0 .		
10	93.12	510	0.83	6000	1 0 0		
15	61.78	340	1.93	8000	K 0 5 3 2 6 3 . _ M _ - _ _ . 5 5 C - -	42	80
13	72.85	400	1.65	8000	7 1 .		
12	79.77	437	1.51	7321	8 0 .		
9.4	97.76	535	1.23	7176	1 0 0		
8.4	108.96	596	1.1	6954	1 1 2		
7.5	122.2	667	0.91	6976	1 2 5		
20	45.76	252	3.28	8000	K 0 6 3 2 4 5 . _ M _ - _ _ . 5 5 C - -	50	80
19	48.86	269	3.07	8000	5 0 .		
15	60.62	334	2.47	8000	6 3 .		
13	71.49	392	2.11	7928	7 1 .		
12	78.28	431	1.92	8000	8 0 .		
10	95.93	525	1.57	8000	1 0 0		
8.6	106.93	585	1.41	7858	1 1 2		
7.7	119.92	654	0.91	8000	1 2 5		
7.28	126.31	685	0.93	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 5 5 C - -	62	80
6.70	137.32	745	0.86	8000	1 4 0		
9.3	98.65	536	2.98	15000	K 0 7 3 2 1 0 0 _ M _ - _ _ . 5 5 C - -	69	80
8.1	113.5	620	2.58	15000	1 1 2		
7.3	126.11	682	2.02	15000	1 2 5		
6.75	136.38	740	0.96	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 5 5 C - -	80	80
6.20	148.27	804	0.89	15000	1 4 0		
4.87	188.91	1025	1.08	15000	1 6 0		
3.94	233.33	1266	0.96	15000	2 0 0		
3.63	253.67	1376	0.89	15000	2 5 0		
3.02	304.76	1653	0.97	15000	2 8 0		
2.78	331.33	1797	0.89	15000	3 2 0		
7.31	125.85	683	2.46	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ . 5 5 C - -	175	80
6.57	139.98	759	2.46	15700	1 4 0		
5.65	162.81	883	2.12	15700	1 6 0		
3.99	230.78	1252	1.93	15700	2 0 0		
3.43	268.41	1456	1.66	15700	2 5 0		
3.09	297.52	1614	1.49	15700	2 8 0		
2.90	317.66	1723	1.40	15700	3 2 0		
2.57	358.02	1942	1.39	15700	3 6 0		
2.21	416.40	2258	1.20	15700	4 0 0		
1.99	461.56	2503	1.08	15700	4 5 0		
1.87	492.80	2673	1.01	15700	5 0 0		
1.56	588.49	3192	0.85	15700	5 6 0		

NOTE

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

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 Size
5.24	175.66	953	3.85	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ . 5 5 C - -	197	80
4.62	199.13	1080	3.40	34000	2 0 0		
4.30	213.82	1160	3.16	34000	2 2 5		
3.84	239.65	1300	2.82	34000	2 5 0		
3.37	272.62	1479	2.48	34000	2 8 0		
3.01	305.56	1657	2.21	34000	3 2 0		
2.69	341.63	1853	1.98	34000	3 6 0		
2.38	387.27	2100	1.75	34000	4 0 0		
2.11	435.57	2362	1.55	34000	4 5 0		
1.86	493.77	2678	1.37	34000	5 0 0		
1.73	531.82	2884	1.27	34000	5 6 0		
1.49	618.55	3355	1.09	34000	6 3 0		
1.36	678.07	3678	1.00	34000	7 0 0		
1.17	788.65	4277	0.86	34000	8 0 0		
1.72	533.94	2896	2.48	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ . 5 5 C - -	375	80
1.50	613.54	3328	2.16	43000	6 3 0		
1.35	681.54	3697	1.95	43000	7 0 0		
1.17	783.15	4248	1.69	43000	8 0 0		
1.05	878.83	4767	1.51	43000	9 0 0		
0.93	993.64	5389	1.33	43000	1 0 C		
0.82	1121.77	6084	1.18	43000	1 1 C		
0.73	1268.32	6879	1.05	43000	1 2 C		
0.67	1374.05	7453	0.96	43000	1 4 C		
0.61	1504.73	8161	0.88	43000	1 6 C		
1.61	570.71	3095	3.97	61000	K 1 2 5 1 5 6 0 _ M _ - _ _ . 5 5 C - -	567	80
1.43	644.21	3494	3.52	61000	6 3 0		
1.30	708.22	3841	3.20	61000	7 0 0		
1.15	799.42	4336	2.84	61000	8 0 0		
1.00	921.37	4997	2.46	61000	9 0 0		
0.88	1040.02	5641	2.18	61000	1 0 C		
0.80	1143.36	6201	1.98	61000	1 1 C		
0.71	1290.60	7000	1.76	61000	1 2 C		
0.63	1470.27	7974	1.54	61000	1 4 C		
0.57	1615.04	8760	1.40	61000	1 6 C		
0.51	1820.47	9874	1.25	61000	1 8 C		
0.45	2056.59	11154	1.10	61000	2 0 C		
0.41	2259.09	12253	1.00	61000	2 2 C		
0.35	2594.59	14072	0.87	61000	2 5 C		
0.32	2850.05	15458	0.80	61000	2 8 C		

NOTE

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

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 Size
170	8.33	40	3.38	3975	K 0 3 3 2 8 . 0 _ M _ - _ _ . 7 5 A - -	25.5	80
126	11.25	54	2.82	4293	1 1 .		
111	12.8	62	2.6	4433	1 2 .		
98	14.5	71	2.41	4566	1 4 .		
76	18.54	90	2.03	4828	1 8 .		
71	19.98	98	1.93	4903	2 0 .		
56	25.23	123	1.63	5093	2 5 .		
49	28.6	140	1.48	5119	2 8 .		
43	32.68	158	1.35	5132	3 2 .		
39	36.35	177	1.25	5138	3 6 .		
35	40.08	195	1.15	5500	4 0 .		
32	44.11	215	1.04	5550	4 5 .		
27	51.68	252	0.89	5620	5 0 .		
79	17.95	87	3.81	6000	K 0 4 3 2 1 8 . _ M _ - _ _ . 7 5 A - -	31.5	80
69	20.4	99	3.49	6000	2 0 .		
57	25.03	122	3.03	5945	2 5 .		
51	27.76	135	2.81	5944	2 8 .		
45	31.54	153	2.56	5939	3 2 .		
39	35.83	175	2.39	6000	3 6 .		
36	39.46	192	2.17	6000	4 0 .		
31	45.39	221	1.96	6000	4 5 .		
29	49.35	240	1.83	6000	5 0 .		
24	59.24	287	1.54	6000	6 3 .		
20	71.09	344	1.28	6000	7 1 .		
18	80.1	387	1.14	6000	8 0 .		
15	93.12	452	0.91	6000	1 0 0		
13	105.69	512	0.82	6000	1 1 2		
43	32.99	160	3.77	7830	K 0 5 3 2 3 2 . _ M _ - _ _ . 7 5 A - -	40.5	80
38	36.91	180	3.54	8000	3 6 .		
36	39.34	192	3.29	8000	4 0 .		
30	46.63	227	2.89	8000	4 5 .		
28	49.78	243	2.71	8000	5 0 .		
23	61.78	301	2.19	8000	6 3 .		
19	72.85	354	1.86	7667	7 1 .		
18	79.77	386	1.7	7637	8 0 .		
14	97.76	473	1.39	7760	1 0 0		
13	108.96	528	1.25	7541	1 1 2		
12	122.2	591	1.03	8000	1 2 5		
31	45.76	223	3.71	8000	K 0 6 3 2 4 5 . _ M _ - _ _ . 7 5 A - -	48.5	80
29	48.86	238	3.47	8000	5 0 .		
23	60.62	295	2.8	8000	6 3 .		
20	71.49	347	2.38	8000	7 1 .		
18	78.28	380	2.17	8000	8 0 .		
15	95.93	467	1.77	8000	1 0 0		
13	106.93	516	1.6	8000	1 1 2		
12	119.92	579	1.03	8000	1 2 5		
11.24	126.31	605	1.06	8000	K 0 6 5 2 1 2 5 _ M _ - _ _ . 7 5 A - -	62	80
10.34	137.32	658	0.97	8000	1 4 0		
8.82	161.01	772	0.83	8000	1 6 0		
7.13	199.04	954	0.80	8000	2 0 0		
14	98.65	476	3.36	15000	K 0 7 3 2 1 0 0 _ M _ - _ _ . 7 5 A - -	67.5	80
12	113.5	548	2.91	15000	1 1 2		
11	126.11	606	2.28	15000	1 2 5		
10.41	136.38	654	1.09	15000	K 0 7 5 2 1 2 5 _ M _ - _ _ . 7 5 A - -	80	80
9.58	148.27	710	1.00	15000	1 4 0		
7.52	188.91	905	1.23	15000	1 6 0		
6.09	233.33	1118	1.09	15000	2 0 0		
5.60	253.67	1216	1.00	15000	2 5 0		
4.66	304.76	1460	1.10	15000	2 8 0		
4.29	331.33	1588	1.01	15000	3 2 0		
3.66	388.48	1862	0.86	15000	3 6 0		

NOTE

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

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 Size
11.28	125.85	603	2.79	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ . 7 5 A - -	175	80
10.14	139.98	671	2.79	15700	1 4 0		
8.72	162.81	780	2.40	15700	1 6 0		
6.15	230.78	1106	2.18	15700	2 0 0		
5.29	268.41	1286	1.87	15700	2 5 0		
4.77	297.52	1426	1.69	15700	2 8 0		
4.47	317.66	1522	1.58	15700	3 2 0		
3.97	358.02	1716	1.57	15700	3 6 0		
3.41	416.40	1995	1.35	15700	4 0 0		
3.08	461.56	2212	1.22	15700	4 5 0		
2.88	492.80	2361	1.14	15700	5 0 0		
2.41	588.49	2820	0.96	15700	5 6 0		
2.13	665.68	3190	0.85	15700	6 3 0		
7.13	199.13	954	3.85	34000	K 0 9 5 1 2 0 0 _ M _ - _ _ . 7 5 A - -	197	80
6.64	213.82	1025	3.58	34000	2 2 5		
5.93	239.65	1148	3.20	34000	2 5 0		
5.21	272.62	1306	2.81	34000	2 8 0		
4.65	305.56	1464	2.51	34000	3 2 0		
4.16	341.63	1637	2.24	34000	3 6 0		
3.67	387.27	1856	1.98	34000	4 0 0		
3.26	435.57	2087	1.76	34000	4 5 0		
2.88	493.77	2366	1.55	34000	5 0 0		
2.67	531.82	2548	1.44	34000	5 6 0		
2.30	618.55	2964	1.24	34000	6 3 0		
2.09	678.07	3249	1.13	34000	7 0 0		
1.80	788.65	3779	0.97	34000	8 0 0		
1.62	874.16	4189	0.88	34000	9 0 0		
1.52	933.33	4472	0.82	34000	1 0 C		
2.66	533.94	2559	2.81	43000	K 1 0 5 1 4 0 0 _ M _ - _ _ . 7 5 A - -	375	80
2.31	613.54	2940	2.45	43000	6 3 0		
2.08	681.54	3266	2.20	43000	7 0 0		
1.81	783.15	3753	1.92	43000	8 0 0		
1.62	878.83	4211	1.71	43000	9 0 0		
1.43	993.64	4761	1.51	43000	1 0 C		
1.27	1121.77	5375	1.34	43000	1 1 C		
1.12	1268.32	6078	1.18	43000	1 2 C		
1.03	1374.05	6584	1.09	43000	1 4 C		
0.94	1504.73	7210	1.00	43000	1 6 C		
0.85	1672.10	8012	0.90	43000	1 8 C		
2.20	644.21	3087	3.98	61000	K 1 2 5 1 6 3 0 _ M _ - _ _ . 7 5 A - -	567	80
2.01	708.22	3394	3.62	61000	7 0 0		
1.78	799.42	3831	3.21	61000	8 0 0		
1.54	921.37	4415	2.79	61000	9 0 0		
1.37	1040.02	4984	2.47	61000	1 0 C		
1.24	1143.36	5479	2.25	61000	1 1 C		
1.10	1290.60	6184	1.99	61000	1 2 C		
0.97	1470.27	7045	1.75	61000	1 4 C		
0.88	1615.04	7739	1.59	61000	1 6 C		
0.78	1820.47	8723	1.41	61000	1 8 C		
0.69	2056.59	9855	1.25	61000	2 0 C		
0.63	2259.09	10825	1.14	61000	2 2 C		
0.55	2594.59	12433	0.99	61000	2 5 C		
0.50	2850.05	13657	0.90	61000	2 8 C		
0.47	3023.19	14487	0.85	61000	3 2 C		

NOTE

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

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 Size
110	8.33	62	2.39	4397	K 0 3 3 2 8 . 0 _ M _ - _ _ . 7 5 C - -	30.5	90S
82	11.25	84	2.01	4712	1 1 .		
72	12.8	96	1.84	4842	1 2 .		
63	14.5	108	1.70	4966	1 4 .		
50	18.54	139	1.43	5112	1 8 .		
46	19.98	150	1.35	5125	2 0 .		
36	25.23	189	1.15	5125	2 5 .		
32	28.6	215	1.04	5106	2 8 .		
28	32.68	246	0.91	5055	3 2 .		
25	36.35	273	0.82	5003	3 6 .		
81	11.3	85	3.63	6000	K 0 4 3 2 1 1 . _ M _ - _ _ . 7 5 C - -	35.5	90S
74	12.45	93	3.42	6000	1 2 .		
65	14.14	106	3.14	6000	1 4 .		
51	17.95	135	2.67	6000	1 8 .		
45	20.4	153	2.45	6000	2 0 .		
37	25.03	187	2.13	6000	2 5 .		
33	27.76	209	1.97	6000	2 8 .		
29	31.54	236	1.83	6000	3 2 .		
26	35.83	267	1.65	6000	3 6 .		
23	39.46	294	1.49	6000	4 0 .		
20	45.39	341	1.29	6000	4 5 .		
19	49.35	369	1.19	6000	5 0 .		
16	59.24	443	1.00	6000	6 3 .		
13	71.09	530	0.83	5958	7 1 .		
32	28.37	213	2.96	8000	K 0 5 3 2 2 8 . _ M _ - _ _ . 7 5 C - -	45.5	90S
28	32.99	247	2.66	8000	3 2 .		
25	36.91	277	2.38	8000	3 6 .		
23	39.34	296	2.22	8000	4 0 .		
20	46.63	350	1.88	8000	4 5 .		
18	49.78	373	1.76	8000	5 0 .		
15	61.78	464	1.42	7520	6 3 .		
13	72.85	545	1.21	7265	7 1 .		
12	79.77	596	1.10	6567	8 0 .		
9.4	97.76	730	0.90	6261	1 0 0		
8.4	108.96	813	0.81	5792	1 1 2		
33	27.84	209	3.95	8000	K 0 6 3 2 2 8 . _ M _ - _ _ . 7 5 C - -	53.5	90S
28	32.38	243	3.40	8000	3 2 .		
25	36.22	271	3.04	8000	3 6 .		
24	38.61	290	2.85	8000	4 0 .		
20	45.76	344	2.40	8000	4 5 .		
19	48.86	367	2.25	8000	5 0 .		
15	60.62	455	1.81	8000	6 3 .		
13	71.49	534	1.55	7848	7 1 .		
12	78.28	588	1.41	8000	8 0 .		
10	95.93	716	1.15	8000	1 0 0		
8.6	106.93	798	1.04	7700	1 1 2		
12	75.07	559	2.86	15000	K 0 7 3 2 7 1 . _ M _ - _ _ . 7 5 C - -	72.5	90S
11	82.21	613	2.61	15000	8 0 .		
9.3	98.65	732	2.18	14487	1 0 0		
8.1	113.5	846	1.89	14539	1 1 2		
7.3	126.11	931	1.48	14894	1 2 5		
8.6	107.1	797	3.36	21500	K 0 8 3 2 1 1 2 _ M _ - _ _ . 7 5 C - -	127.5	90S
7.5	123.33	915	2.93	21500	1 2 5		
7.31	125.85	931	1.80	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ . 7 5 C - -	179	90S
6.57	139.98	1035	1.81	15700	1 4 0		
5.65	162.81	1204	1.55	15700	1 6 0		
3.99	230.78	1707	1.41	15700	2 0 0		
3.43	268.41	1985	1.21	15700	2 5 0		
3.09	297.52	2200	1.10	15700	2 8 0		
2.90	317.66	2349	1.03	15700	3 2 0		
2.57	358.02	2648	1.02	15700	3 6 0		
2.21	416.40	3080	0.88	15700	4 0 0		

NOTE

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

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 Size
5.24	175.66	1299	2.82	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ . 7 5 C - -	201	90S
4.62	199.13	1473	2.49	34000	2 0 0		
4.30	213.82	1581	2.32	34000	2 2 5		
3.84	239.65	1772	2.07	34000	2 5 0		
3.37	272.62	2016	1.82	34000	2 8 0		
3.01	305.56	2260	1.62	34000	3 2 0		
2.69	341.63	2527	1.45	34000	3 6 0		
2.38	387.27	2864	1.28	34000	4 0 0		
2.11	435.57	3222	1.14	34000	4 5 0		
1.86	493.77	3652	1.00	34000	5 0 0		
1.73	531.82	3933	0.93	34000	5 6 0		
1.49	618.55	4575	0.80	34000	6 3 0		
1.72	533.94	3949	1.82	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ . 7 5 C - -	379	90S
1.50	613.54	4538	1.58	43000	6 3 0		
1.35	681.54	5041	1.43	43000	7 0 0		
1.17	783.15	5792	1.24	43000	8 0 0		
1.05	878.83	6500	1.11	43000	9 0 0		
0.93	993.64	7349	0.98	43000	1 0 C		
0.82	1121.77	8297	0.87	43000	1 1 C		
1.61	570.71	4221	2.91	61000	K 1 2 5 1 5 6 0 _ M _ - _ _ . 7 5 C - -	570	90S
1.43	644.21	4765	2.58	61000	6 3 0		
1.30	708.22	5238	2.35	61000	7 0 0		
1.15	799.42	5913	2.08	61000	8 0 0		
1.00	921.37	6815	1.80	61000	9 0 0		
0.88	1040.02	7692	1.60	61000	1 0 C		
0.80	1143.36	8456	1.45	61000	1 1 C		
0.71	1290.60	9545	1.29	61000	1 2 C		
0.63	1470.27	10874	1.13	61000	1 4 C		
0.57	1615.04	11945	1.03	61000	1 6 C		
0.51	1820.47	13464	0.91	61000	1 8 C		
0.45	2056.59	15211	0.81	61000	2 0 C		

NOTE

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

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 Size
169	8.33	59	2.3	3795	K 0 3 3 2 8 . 0 _ M _ - _ _ 1 . 1 A - -	30.5	90S
125	11.25	80	1.92	4051	1 1 .		
110	12.8	92	1.77	4157	1 2 .		
97	14.5	104	1.64	4253	1 4 .		
76	18.54	133	1.38	4427	1 8 .		
71	19.98	144	1.31	4472	2 0 .		
56	25.23	181	1.11	4590	2 5 .		
49	28.6	206	1.01	4630	2 8 .		
43	32.68	233	0.92	4650	3 2 .		
39	36.35	260	0.85	4660	3 6 .		
125	11.3	81	3.5	5740	K 0 4 3 2 1 1 . _ M _ - _ _ 1 . 1 A - -	35.5	90S
113	12.45	89	3.3	5890	1 2 .		
100	14.14	101	3.04	6000	1 4 .		
79	17.95	128	2.59	5867	1 8 .		
69	20.4	146	2.37	5881	2 0 .		
56	25.03	179	2.06	5850	2 5 .		
51	27.76	199	1.91	5846	2 8 .		
45	31.54	226	1.74	5833	3 2 .		
39	35.83	257	1.63	6000	3 6 .		
36	39.46	283	1.48	6000	4 0 .		
31	45.39	326	1.33	6000	4 5 .		
29	49.35	353	1.25	6000	5 0 .		
24	59.24	422	1.04	6000	6 3 .		
20	71.09	507	0.87	6000	7 1 .		
50	28.37	203	2.86	7070	K 0 5 3 2 2 8 . _ M _ - _ _ 1 . 1 A - -	45.5	90S
43	32.99	236	2.56	7262	3 2 .		
38	36.91	265	2.4	7370	3 6 .		
36	39.34	283	2.24	7345	4 0 .		
30	46.63	335	1.96	7295	4 5 .		
28	49.78	357	1.84	7266	5 0 .		
23	61.78	443	1.49	7346	6 3 .		
19	72.85	521	1.26	7085	7 1 .		
18	79.77	569	1.16	7004	8 0 .		
14	97.76	696	0.95	7340	1 0 0		
13	108.96	778	0.85	6740	1 1 2		
44	32.38	232	3.55	7864	K 0 6 3 2 3 2 . _ M _ - _ _ 1 . 1 A - -	53.5	90S
39	36.22	260	3.17	7844	3 6 .		
37	38.61	277	2.98	7830	4 0 .		
31	45.76	328	2.52	7987	4 5 .		
29	48.86	350	2.36	7973	5 0 .		
23	60.62	435	1.9	8000	6 3 .		
20	71.49	511	1.62	8000	7 1 .		
18	78.28	560	1.48	8000	8 0 .		
15	95.93	687	1.2	8000	1 0 0		
13	106.93	760	1.09	8000	1 1 2		
22	62.94	449	3.56	15000	K 0 7 3 2 6 3 . _ M _ - _ _ 1 . 1 A - -	72.5	90S
19	75.07	535	2.99	15000	7 1 .		
17	82.21	585	2.73	15000	8 0 .		
14	98.65	701	2.28	14720	1 0 0		
12	113.5	808	1.98	15000	1 1 2		
11	126.11	892	1.55	15000	1 2 5		
14	98.08	700	3.83	21500	K 0 8 3 2 1 0 0 _ M _ - _ _ 1 . 1 A - -	127.5	90S
13	107.1	763	3.51	21500	1 1 2		
11	123.33	876	3.06	21500	1 2 5		
11.28	125.85	884	1.90	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ 1 . 1 A - -	179	90S
10.14	139.98	984	1.90	15700	1 4 0		
8.72	162.81	1144	1.63	15700	1 6 0		
6.15	230.78	1622	1.49	15700	2 0 0		
5.29	268.41	1886	1.28	15700	2 5 0		
4.77	297.52	2091	1.15	15700	2 8 0		
4.47	317.66	2233	1.08	15700	3 2 0		
3.97	358.02	2516	1.07	15700	3 6 0		
3.41	416.40	2926	0.92	15700	4 0 0		
3.08	461.56	3244	0.83	15700	4 5 0		

NOTE

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

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 Size
8.08	175.66	1235	2.97	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 1 . 1 A - -	201	90S
7.13	199.13	1400	2.62	34000	2 0 0		
6.64	213.82	1503	2.44	34000	2 2 5		
5.93	239.65	1684	2.18	34000	2 5 0		
5.21	272.62	1916	1.92	34000	2 8 0		
4.65	305.56	2147	1.71	34000	3 2 0		
4.16	341.63	2401	1.53	34000	3 6 0		
3.67	387.27	2722	1.35	34000	4 0 0		
3.26	435.57	3061	1.20	34000	4 5 0		
2.88	493.77	3470	1.06	34000	5 0 0		
2.67	531.82	3738	0.98	34000	5 6 0		
2.30	618.55	4347	0.84	34000	6 3 0		
2.66	533.94	3753	1.92	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ 1 . 1 A - -	379	90S
2.31	613.54	4312	1.67	43000	6 3 0		
2.08	681.54	4790	1.50	43000	7 0 0		
1.81	783.15	5504	1.31	43000	8 0 0		
1.62	878.83	6176	1.16	43000	9 0 0		
1.43	993.64	6983	1.03	43000	1 0 C		
1.27	1121.77	7884	0.91	43000	1 1 C		
1.12	1268.32	8914	0.81	43000	1 2 C		
2.49	570.71	4011	3.07	61000	K 1 2 5 1 5 6 0 _ M _ - _ _ 1 . 1 A - -	570	90S
2.20	644.21	4527	2.72	61000	6 3 0		
2.01	708.22	4977	2.47	61000	7 0 0		
1.78	799.42	5618	2.19	61000	8 0 0		
1.54	921.37	6475	1.90	61000	9 0 0		
1.37	1040.02	7309	1.68	61000	1 0 C		
1.24	1143.36	8036	1.53	61000	1 1 C		
1.10	1290.60	9070	1.36	61000	1 2 C		
0.97	1470.27	10333	1.19	61000	1 4 C		
0.88	1615.04	11350	1.08	61000	1 6 C		
0.78	1820.47	12794	0.96	61000	1 8 C		
0.69	2056.59	14454	0.85	61000	2 0 C		

NOTE

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

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 Size
111	8.33	91	1.64	4140	K 0 3 3 2 8 . 0 _ M _ - _ _ 1 . 1 C - -	31.5	90L
82	11.25	123	1.38	4370	1 1 .		
72	12.8	140	1.26	4450	1 2 .		
64	14.5	158	1.17	4520	1 4 .		
50	18.54	203	0.98	4620	1 8 .		
46	19.98	219	0.93	4640	2 0 .		
115	8.05	88	3.03	5850	K 0 4 3 2 8 . 0 _ M _ - _ _ 1 . 1 C - -	36.5	90L
82	11.3	124	2.49	6000	1 1 .		
74	12.45	136	2.35	6000	1 2 .		
65	14.14	155	2.15	6000	1 4 .		
52	17.95	197	1.83	6000	1 8 .		
45	20.4	223	1.68	6000	2 0 .		
37	25.03	273	1.46	6000	2 5 .		
33	27.76	305	1.35	6000	2 8 .		
29	31.54	344	1.25	6000	3 2 .		
26	35.83	390	1.13	6000	3 6 .		
23	39.46	430	1.02	6000	4 0 .		
20	45.39	498	0.88	6000	4 5 .		
19	49.35	539	0.82	6000	5 0 .		
33	28.37	310	2.03	7331	K 0 5 3 2 2 8 . _ M _ - _ _ 1 . 1 C - -	46.5	90L
28	32.99	361	1.82	7271	3 2 .		
25	36.91	404	1.63	7213	3 6 .		
24	39.34	432	1.52	7172	4 0 .		
20	46.63	511	1.29	7041	4 5 .		
19	49.78	545	1.21	6978	5 0 .		
15	61.78	677	0.97	6680	6 3 .		
13	72.85	796	0.83	5979	7 1 .		
33	27.84	305	2.71	8000	K 0 6 3 2 2 8 . _ M _ - _ _ 1 . 1 C - -	54.5	90L
29	32.38	354	2.33	8000	3 2 .		
26	36.22	396	2.08	8000	3 6 .		
24	38.61	423	1.95	8000	4 0 .		
20	45.76	502	1.65	8000	4 5 .		
19	48.86	536	1.54	8000	5 0 .		
15	60.62	664	1.24	8000	6 3 .		
13	71.49	780	1.06	7708	7 1 .		
12	78.28	858	0.96	8000	8 0 .		
19	48.01	523	3.06	15000	K 0 7 3 2 4 5 . _ M _ - _ _ 1 . 1 C - -	73.5	90L
17	54.28	593	2.7	15000	5 0 .		
15	62.94	686	2.33	15000	6 3 .		
12	75.07	815	1.96	14293	7 1 .		
11	82.21	895	1.79	14128	8 0 .		
9.4	98.65	1068	1.5	13590	1 0 0		
8.2	113.5	1234	1.3	13733	1 1 2		
7.3	126.11	1358	1.02	14710	1 2 5		
13	72.86	792	3.38	21500	K 0 8 3 2 7 1 . _ M _ - _ _ 1 . 1 C - -	128.5	90L
12	80.03	871	3.07	21500	8 0 .		
9.4	98.08	1066	2.51	21500	1 0 0		
8.6	107.1	1163	2.3	20165	1 1 2		
7.5	123.33	1336	2.01	19856	1 2 5		
7.35	125.85	1358	1.24	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ 1 . 1 C - -	181	90L
6.61	139.98	1510	1.24	15700	1 4 0		
5.68	162.81	1757	1.37	15700	1 6 0		
4.01	230.78	2440	0.97	15700	2 0 0		
3.45	268.41	2896	0.83	15700	2 5 0		
7.7	120.31	1303	2.9	34000	K 0 9 3 1 1 2 5 _ M _ - _ _ 1 . 1 C - -	181.5	90L
7.2	128.92	1397	3.01	34000	1 4 0		
6.4	144.96	1565	2.69	34000	1 6 0		
5.27	175.66	1895	1.94	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 1 . 1 C - -	203	90L
4.65	199.13	2148	1.71	34000	2 0 0		
4.33	213.82	2307	1.59	34000	2 2 5		
3.86	239.65	2586	1.42	34000	2 5 0		
3.39	272.62	2941	1.25	34000	2 8 0		
3.03	305.56	3297	1.11	34000	3 2 0		
2.71	341.63	3686	1.00	34000	3 6 0		
2.39	387.27	4178	0.88	34000	4 0 0		
1.73	533.94	5761	1.25	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ 1 . 1 C - -	382	90L
1.51	613.54	6619	1.09	43000	6 3 0		
1.36	681.54	7353	0.98	43000	7 0 0		
1.18	783.15	8449	0.85	43000	8 0 0		

NOTE

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

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 Size
3.24	285.57	3081	3.99	61000	K 1 2 5 1 2 8 0 _ M _ - _ _ 1 . 1 C - -	572	90L
2.89	320.60	3459	3.56	61000	3 2 0		
2.59	357.00	3852	3.19	61000	3 6 0		
2.23	415.55	4483	2.74	61000	4 0 0		
2.09	443.01	4780	2.57	61000	4 5 0		
1.79	515.68	5564	2.21	61000	5 0 0		
1.62	570.71	6157	2.00	61000	5 6 0		
1.44	644.21	6950	1.77	61000	6 3 0		
1.31	708.22	7641	1.61	61000	7 0 0		
1.16	799.42	8625	1.43	61000	8 0 0		
1.00	921.37	9941	1.24	61000	9 0 0		
0.89	1040.02	11221	1.10	61000	1 0 C		
0.81	1143.36	12336	1.00	61000	1 1 C		
0.72	1290.60	13924	0.88	61000	1 2 C		

NOTE

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

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 Size
171	8.33	80	1.7	3590	K 0 3 3 2 8 . 0 _ M _ - _ _ 1 . 5 A - -	31.5	90L
126	11.25	109	1.42	3774	1 1 .		
111	12.8	124	1.31	3841	1 2 .		
98	14.5	141	1.21	3895	1 4 .		
77	18.54	180	1.02	3970	1 8 .		
71	19.98	195	0.97	3980	2 0 .		
176	8.05	78	3.15	5080	K 0 4 3 2 8 . 0 _ M _ - _ _ 1 . 5 A - -	36.5	90L
126	11.3	109	2.59	5514	1 1 .		
114	12.45	121	2.44	5639	1 2 .		
100	14.14	137	2.25	5745	1 4 .		
79	17.95	174	1.91	5715	1 8 .		
70	20.4	198	1.75	5746	2 0 .		
57	25.03	243	1.52	5740	2 5 .		
51	27.76	270	1.41	5735	2 8 .		
45	31.54	306	1.29	5712	3 2 .		
40	35.83	348	1.2	6000	3 6 .		
36	39.46	383	1.09	6000	4 0 .		
31	45.39	442	0.99	6000	4 5 .		
29	49.35	479	0.92	6000	5 0 .		
50	28.37	276	2.12	6512	K 0 5 3 2 2 8 . _ M _ - _ _ 1 . 5 A - -	46.5	90L
43	32.99	320	1.89	6613	3 2 .		
38	36.91	359	1.78	6650	3 6 .		
36	39.34	383	1.65	6596	4 0 .		
30	46.63	453	1.45	6490	4 5 .		
29	49.78	484	1.36	6427	5 0 .		
23	61.78	600	1.1	6600	6 3 .		
19	72.85	705	0.93	6420	7 1 .		
18	79.77	770	0.86	6280	8 0 .		
51	27.84	270	3.05	7546	K 0 6 3 2 2 8 . _ M _ - _ _ 1 . 5 A - -	54.5	90L
44	32.38	314	2.62	7709	3 2 .		
39	36.22	352	2.34	7667	3 6 .		
37	38.61	375	2.2	7637	4 0 .		
31	45.76	444	1.86	7973	4 5 .		
29	48.86	474	1.74	7943	5 0 .		
23	60.62	589	1.4	8000	6 3 .		
20	71.49	692	1.19	8000	7 1 .		
18	78.28	758	1.09	8000	8 0 .		
15	95.93	931	0.89	8000	1 0 0		
13	106.93	1029	0.8	8000	1 1 2		
30	48.01	465	3.44	15000	K 0 7 3 2 4 5 . _ M _ - _ _ 1 . 5 A - -	73.5	90L
26	54.28	525	3.04	15000	5 0 .		
23	62.94	608	2.63	14503	6 3 .		
19	75.07	725	2.21	14434	7 1 .		
17	82.21	793	2.02	14393	8 0 .		
14	98.65	949	1.68	14400	1 0 0		
13	113.5	1094	1.46	15000	1 1 2		
11	126.11	1207	1.14	15000	1 2 5		
19	72.86	704	3.81	21500	K 0 8 3 2 7 1 . _ M _ - _ _ 1 . 5 A - -	128.5	90L
18	80.03	773	3.47	21500	8 0 .		
14	98.08	948	2.83	20713	1 0 0		
13	107.1	1033	2.59	20672	1 1 2		
12	123.33	1186	2.26	20437	1 2 5		
11.28	125.85	1206	1.39	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ 1 . 5 A - -	181	90L
10.14	139.98	1342	1.39	15700	1 4 0		
8.72	162.81	1560	1.20	15700	1 6 0		
6.15	230.78	2212	1.09	15700	2 0 0		
5.29	268.41	2572	0.94	15700	2 5 0		
4.77	297.52	2851	0.85	15700	2 8 0		
13	106.99	1033	3.66	34000	K 0 9 3 1 1 1 2 _ M _ - _ _ 1 . 5 A - -	181.5	90L
12	120.31	1157	3.26	34000	1 2 5		
11	128.92	1240	3.39	34000	1 4 0		
10	144.96	1389	3.03	34000	1 6 0		
8.08	175.66	1683	2.18	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 1 . 5 A - -	203	90L
7.13	199.13	1908	1.92	34000	2 0 0		
6.64	213.82	2049	1.79	34000	2 2 5		

NOTE

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

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 Size
2.66	533.94	5117	1.41	43000	K 1 0 5 1 5 6 0 _ M _ - _ _ 1 . 5 A - -	382	90L
2.31	613.54	5880	1.22	43000	6 3 0		
2.08	681.54	6532	1.10	43000	7 0 0		
1.81	783.15	7505	0.96	43000	8 0 0		
1.62	878.83	8422	0.85	43000	9 0 0		
2.49	570.71	5469	2.25	61000	K 1 2 5 1 5 6 0 _ M _ - _ _ 1 . 5 A - -	572	90L
2.20	644.21	6174	1.99	61000	6 3 0		
2.01	708.22	6787	1.81	61000	7 0 0		
1.78	799.42	7661	1.61	61000	8 0 0		
1.54	921.37	8830	1.39	61000	9 0 0		
1.37	1040.02	9967	1.23	61000	1 0 C		
1.24	1143.36	10958	1.12	61000	1 1 C		
1.10	1290.60	12369	0.99	61000	1 2 C		
0.97	1470.27	14091	0.87	61000	1 4 C		

NOTE

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

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 Size
72	12.78	191	2.63	6140	K 0 5 3 2 1 2 . _ M _ - _ _ 1 . 5 C - -	59	100L
64	14.35	214	2.43	6270	1 4 .		
51	18.22	272	2.06	6480	1 8 .		
45	20.66	309	1.88	6570	2 0 .		
38	24.64	368	1.65	6670	2 5 .		
33	28.37	424	1.49	6567	2 8 .		
28	32.99	492	1.34	6437	3 2 .		
25	36.91	551	1.19	6313	3 6 .		
24	39.34	589	1.12	6225	4 0 .		
20	46.63	697	0.94	5946	4 5 .		
19	49.78	743	0.89	5812	5 0 .		
52	17.88	267	3.02	8000	K 0 6 3 2 1 8 . _ M _ - _ _ 1 . 5 C - -	67	100L
46	20.27	303	2.72	8000	2 0 .		
38	24.18	362	2.28	8000	2 5 .		
33	27.84	416	1.98	8000	2 8 .		
29	32.38	483	1.71	8000	3 2 .		
26	36.22	540	1.53	8000	3 6 .		
24	38.61	577	1.43	8000	4 0 .		
20	45.76	684	1.21	8000	4 5 .		
19	48.86	731	1.13	8000	5 0 .		
15	60.62	906	0.91	8000	6 3 .		
28	33.52	500	3.2	15000	K 0 7 3 2 3 2 . _ M _ - _ _ 1 . 5 C - -	85	100L
24	38.01	566	2.83	15000	3 6 .		
22	41.92	624	2.56	15000	4 0 .		
19	48.01	713	2.24	14282	4 5 .		
17	54.28	808	1.98	14194	5 0 .		
15	62.94	936	1.71	14286	6 3 .		
12	75.07	1111	1.44	13486	7 1 .		
11	82.21	1220	1.31	13133	8 0 .		
9.4	98.65	1456	1.1	12564	1 0 0		
8.2	113.5	1682	0.95	12812	1 1 2		
18	51.54	766	3.49	21500	K 0 8 3 2 5 0 . _ M _ - _ _ 1 . 5 C - -	140	100L
15	62.47	929	2.88	21500	6 3 .		
13	72.86	1080	2.48	20481	7 1 .		
12	80.03	1188	2.25	20323	8 0 .		
9.4	98.08	1453	1.84	20010	1 0 0		
8.6	107.1	1586	1.69	18640	1 1 2		
7.5	123.33	1821	1.47	17978	1 2 5		
7.35	125.85	1852	0.91	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ 1 . 5 C - -	193	100L
6.61	139.98	2059	0.91	15700	1 4 0		
5.68	162.81	2395	0.78	15700	1 6 0		
11	84.89	1257	3.35	34000	K 0 9 3 1 9 0 . _ M _ - _ _ 1 . 5 C - -	193	100L
10	93.71	1388	3.03	34000	1 0 0		
8.6	106.99	1586	2.38	34000	1 1 2		
7.7	120.31	1777	2.13	34000	1 2 5		
7.2	128.92	1905	2.21	34000	1 4 0		
6.4	144.96	2134	1.97	34000	1 6 0		
5.27	175.66	2584	1.42	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 1 . 5 C - -	215	100L
4.65	199.13	2930	1.25	34000	2 0 0		
4.33	213.82	3146	1.17	34000	2 2 5		
3.86	239.65	3526	1.04	34000	2 5 0		
3.39	272.62	4011	0.92	34000	2 8 0		
3.03	305.56	4495	0.82	34000	3 2 0		
6.4	144.88	2144	3.35	43400	K 1 0 3 1 1 6 0 _ M _ - _ _ 1 . 5 C - -	317	100L

NOTE

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

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 Size
5.11	181.05	2664	2.70	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 1 . 5 C - -	393	100L
4.55	203.38	2992	2.40	43000	2 0 0		
4.00	231.10	3400	2.11	43000	2 2 5		
3.56	259.60	3819	1.88	43000	2 5 0		
3.17	292.09	4297	1.67	43000	2 8 0		
2.79	332.09	4886	1.47	43000	3 2 0		
2.48	372.83	5485	1.31	43000	3 6 0		
2.18	423.90	6236	1.15	43000	4 0 0		
2.09	443.58	6526	1.10	43000	4 5 0		
1.81	510.24	7507	0.96	43000	5 0 0		
1.73	533.94	7855	0.92	43000	5 6 0		
1.51	613.54	9027	0.80	43000	6 3 0		
4.02	230.12	3386	3.63	61000	K 1 2 5 1 2 2 5 _ M _ - _ _ 1 . 5 C - -	578	100L
3.58	258.35	3801	3.24	61000	2 5 0		
3.24	285.57	4201	2.93	61000	2 8 0		
2.89	320.60	4717	2.61	61000	3 2 0		
2.59	357.00	5252	2.34	61000	3 6 0		
2.23	415.55	6114	2.01	61000	4 0 0		
2.09	443.01	6518	1.89	61000	4 5 0		
1.79	515.68	7587	1.62	61000	5 0 0		
1.62	570.71	8396	1.46	61000	5 6 0		
1.44	644.21	9478	1.30	61000	6 3 0		
1.31	708.22	10419	1.18	61000	7 0 0		
1.16	799.42	11761	1.05	61000	8 0 0		
1.00	921.37	13555	0.91	61000	9 0 0		
0.89	1040.02	15301	0.80	61000	1 0 C		

NOTE

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

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 Size
171	8.33	118	1.16	3230	K 0 3 3 2 8 . 0 _ M _ - _ _ 2 . 2 A - -	37	100L
126	11.25	160	0.97	3290	1 1 .		
111	12.8	183	0.89	3290	1 2 .		
98	14.5	207	0.82	3270	1 4 .		
176	8.05	114	2.15	4800	K 0 4 3 2 8 . 0 _ M _ - _ _ 2 . 2 A - -	42	100L
126	11.3	161	1.76	5120	1 1 .		
114	12.45	177	1.66	5200	1 2 .		
100	14.14	201	1.53	5300	1 4 .		
79	17.95	256	1.3	5450	1 8 .		
70	20.4	291	1.19	5510	2 0 .		
57	25.03	356	1.04	5550	2 5 .		
51	27.76	396	0.96	5540	2 8 .		
45	31.54	449	0.88	5500	3 2 .		
176	8.11	115	3.42	4800	K 0 5 3 2 8 . 0 _ M _ - _ _ 2 . 2 A - -	59	100L
125	11.4	162	2.77	5126	1 1 .		
111	12.78	181	2.56	5223	1 2 .		
99	14.35	204	2.38	5310	1 4 .		
78	18.22	259	2	5460	1 8 .		
69	20.66	293	1.83	5512	2 0 .		
58	24.64	350	1.61	5541	2 5 .		
50	28.37	403	1.45	5535	2 8 .		
43	32.99	468	1.3	5477	3 2 .		
39	36.91	525	1.22	5390	3 6 .		
36	39.34	560	1.13	5286	4 0 .		
31	46.63	663	0.99	5081	4 5 .		
29	49.78	708	0.93	4959	5 0 .		
114	12.54	178	3.74	7760	K 0 6 3 2 1 2 . _ M _ - _ _ 2 . 2 A - -	67	100L
101	14.08	200	3.47	7970	1 4 .		
80	17.88	254	2.94	8000	1 8 .		
70	20.27	288	2.69	8000	2 0 .		
59	24.18	344	2.37	8000	2 5 .		
51	27.84	395	2.09	7123	2 8 .		
44	32.38	459	1.8	7437	3 2 .		
39	36.22	515	1.6	7357	3 6 .		
37	38.61	549	1.51	7299	4 0 .		
31	45.76	649	1.27	7948	4 5 .		
29	48.86	693	1.19	7890	5 0 .		
24	60.62	861	0.96	8000	6 3 .		
20	71.49	1011	0.82	8000	7 1 .		
54	26.52	376	3.95	13300	K 0 7 3 2 2 5 . _ M _ - _ _ 2 . 2 A - -	85	100L
49	29.17	414	3.69	13500	2 8 .		
43	33.52	475	3.32	13900	3 2 .		
37	38.01	538	2.97	14300	3 6 .		
34	41.92	593	2.69	14600	4 0 .		
30	48.01	679	2.35	13982	4 5 .		
26	54.28	768	2.08	13900	5 0 .		
23	62.94	888	1.8	13634	6 3 .		
19	75.07	1059	1.51	13444	7 1 .		
17	82.21	1159	1.38	13331	8 0 .		
14	98.65	1388	1.15	13840	1 0 0		
13	113.5	1598	1	15000	1 1 2		

NOTE

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

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 Size
28	51.54	729	3.67	18855	K 0 8 3 2 5 0 . _ M _ - _ _ 2 . 2 A - -	140	100L
23	62.47	883	3.03	19587	6 3 .		
20	72.86	1029	2.6	19997	7 1 .		
18	80.03	1129	2.37	19929	8 0 .		
15	98.08	1385	1.93	19337	1 0 0		
13	107.1	1511	1.77	19224	1 1 2		
12	123.33	1733	1.55	18579	1 2 5		
11.28	125.85	1769	0.95	15700	K 0 8 5 2 1 2 5 _ M _ - _ _ 2 . 2 A - -	193	100L
10.14	139.98	1968	0.95	15700	1 4 0		
8.72	162.81	2288	0.82	15700	1 6 0		
18	77.78	1100	3.44	34000	K 0 9 3 1 8 0 . _ M _ - _ _ 2 . 2 A - -	193	100L
17	84.89	1196	3.52	34000	9 0 .		
15	93.71	1319	3.19	34000	1 0 0		
13	106.99	1511	2.5	34000	1 1 2		
12	120.31	1692	2.23	34000	1 2 5		
11	128.92	1812	2.32	34000	1 4 0		
10	144.96	2031	2.07	34000	1 6 0		
8.08	175.66	2469	1.49	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 2 . 2 A - -	215	100L
7.13	199.13	2799	1.31	34000	2 0 0		
6.64	213.82	3005	1.22	34000	2 2 5		
5.93	239.65	3369	1.09	34000	2 5 0		
5.21	272.62	3832	0.96	34000	2 8 0		
4.65	305.56	4295	0.85	34000	3 2 0		
11	134.85	1900	3.78	43405	K 1 0 3 1 1 4 0 _ M _ - _ _ 2 . 2 A - -	317	100L
10	144.88	2039	3.52	43405	1 6 0		
7.84	181.05	2545	2.83	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 2 . 2 A - -	393	100L
6.98	203.38	2859	2.52	43000	2 0 0		
6.14	231.10	3248	2.21	43000	2 2 5		
5.47	259.60	3649	1.97	43000	2 5 0		
4.86	292.09	4106	1.75	43000	2 8 0		
4.28	332.09	4668	1.54	43000	3 2 0		
3.81	372.83	5241	1.37	43000	3 6 0		
3.35	423.90	5958	1.21	43000	4 0 0		
3.20	443.58	6235	1.15	43000	4 5 0		
2.78	510.24	7172	1.00	43000	5 0 0		
2.66	533.94	7505	0.96	43000	5 6 0		
2.31	613.54	8624	0.83	43000	6 3 0		
5.50	258.35	3631	3.39	61000	K 1 2 5 1 2 5 0 _ M _ - _ _ 2 . 2 A - -	578	100L
4.97	285.57	4014	3.06	61000	2 8 0		
4.43	320.60	4506	2.73	61000	3 2 0		
3.98	357.00	5018	2.45	61000	3 6 0		
3.42	415.55	5841	2.11	61000	4 0 0		
3.21	443.01	6227	1.98	61000	4 5 0		
2.75	515.68	7248	1.70	61000	5 0 0		
2.49	570.71	8022	1.53	61000	5 6 0		
2.20	644.21	9055	1.36	61000	6 3 0		
2.01	708.22	9955	1.24	61000	7 0 0		
1.78	799.42	11237	1.09	61000	8 0 0		
1.54	921.37	12951	0.95	61000	9 0 0		
1.37	1040.02	14619	0.84	61000	1 0 C		

NOTE

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

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 Size
117	8.11	173	2.47	5180	K 0 5 3 2 8 . 0 _ M _ - _ _ 2 . 2 C - -	66	112M
83	11.4	243	1.99	5420	1 1 .		
74	12.78	273	1.84	5480	1 2 .		
66	14.35	307	1.7	5520	1 4 .		
52	18.22	389	1.44	5530	1 8 .		
46	20.66	442	1.31	5500	2 0 .		
39	24.64	526	1.16	5380	2 5 .		
33	28.37	605	1.04	5230	2 8 .		
29	32.99	703	0.94	4980	3 2 .		
26	36.91	787	0.84	4740	3 6 .		
119	7.96	170	3.58	7680	K 0 6 3 2 8 . 0 _ M _ - _ _ 2 . 2 C - -	74	112M
85	11.19	239	2.89	8000	1 1 .		
76	12.54	268	2.69	8000	1 2 .		
67	14.08	300	2.49	8000	1 4 .		
53	17.88	382	2.11	8000	1 8 .		
47	20.27	433	1.91	8000	2 0 .		
39	24.18	517	1.6	8000	2 5 .		
34	27.84	595	1.39	8000	2 8 .		
29	32.38	691	1.2	8000	3 2 .		
26	36.22	772	1.07	8000	3 6 .		
25	38.61	824	1	8000	4 0 .		
21	45.76	977	0.85	8000	4 5 .		
36	26.52	564	2.83	14400	K 0 7 3 2 2 5 . _ M _ - _ _ 2 . 2 C - -	92	112M
33	29.17	621	2.57	14700	2 8 .		
28	33.52	714	2.24	13951	3 2 .		
25	38.01	808	1.98	13860	3 6 .		
23	41.92	891	1.79	13769	4 0 .		
20	48.01	1019	1.57	13027	4 5 .		
18	54.28	1154	1.39	12785	5 0 .		
15	62.94	1337	1.2	13038	6 3 .		
13	75.07	1587	1.01	12073	7 1 .		
12	82.21	1743	0.92	11390	8 0 .		
26	36.88	783	3.42	19200	K 0 8 3 2 3 6 . _ M _ - _ _ 2 . 2 C - -	147	112M
24	40.36	858	3.12	19500	4 0 .		
21	45.66	970	2.76	20000	4 5 .		
18	51.54	1095	2.45	19918	5 0 .		
15	62.47	1326	2.02	19682	6 3 .		
13	72.86	1543	1.74	18700	7 1 .		
12	80.03	1697	1.58	18265	8 0 .		
10	98.08	2075	1.29	17403	1 0 0		
8.9	107.1	2265	1.18	15972	1 1 2		
7.7	123.33	2601	1.03	14691	1 2 5		
16	60.1	1273	3.31	34000	K 0 9 3 1 6 3 . _ M _ - _ _ 2 . 2 C - -	200	112M
13	70.45	1495	2.53	34000	7 1 .		
12	77.78	1650	2.29	34000	8 0 .		
11	84.89	1796	2.34	34000	9 0 .		
10	93.71	1982	2.12	34000	1 0 0		
8.9	106.99	2265	1.67	34000	1 1 2		
7.9	120.31	2538	1.49	34000	1 2 5		
7.4	128.92	2720	1.55	34000	1 4 0		
6.6	144.96	3048	1.38	34000	1 6 0		
5.41	175.66	3691	0.99	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 2 . 2 C - -	224	112M
4.77	199.13	4184	0.88	34000	2 0 0		
4.44	213.82	4492	0.82	34000	2 2 5		
8.5	112.03	2375	3.03	43400	K 1 0 3 1 1 1 2 _ M _ - _ _ 2 . 2 C - -	324	112M
7.9	120.36	2549	2.82	43400	1 2 5		
7	134.85	2854	2.52	43400	1 4 0		
6.6	144.88	3062	2.35	43330	1 6 0		
5.25	181.05	3804	1.89	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 2 . 2 C - -	402	112M
4.67	203.38	4273	1.68	43000	2 0 0		
4.11	231.10	4855	1.48	43000	2 2 5		
3.66	259.60	5454	1.32	43000	2 5 0		
3.25	292.09	6137	1.17	43000	2 8 0		
2.86	332.09	6977	1.03	43000	3 2 0		
2.55	372.83	7833	0.92	43000	3 6 0		
2.24	423.90	8906	0.81	43000	4 0 0		
6.5	145.85	3082	3.99	61700	K 1 2 3 1 1 6 0 _ M _ - _ _ 2 . 2 C - -	458	112M

NOTE

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

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 Size
5.32	178.73	3755	3.28	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 2 . 2 C - -	588	112M
4.78	198.55	4172	2.95	61000	2 0 0		
4.13	230.12	4835	2.54	61000	2 2 5		
3.68	258.35	5428	2.27	61000	2 5 0		
3.33	285.57	6000	2.05	61000	2 8 0		
2.96	320.60	6736	1.83	61000	3 2 0		
2.66	357.00	7501	1.64	61000	3 6 0		
2.29	415.55	8731	1.41	61000	4 0 0		
2.14	443.01	9308	1.32	61000	4 5 0		
1.84	515.68	10834	1.14	61000	5 0 0		
1.66	570.71	11991	1.03	61000	5 6 0		
1.47	644.21	13535	0.91	61000	6 3 0		
1.34	708.22	14880	0.83	61000	7 0 0		

NOTE

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

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 Size
176	8.11	157	2.51	4480	K 0 5 3 2 8 . 0 _ M _ - _ _ 3 . 0 A - -	59	112M
125	11.4	220	2.03	4676	1 1 .		
111	12.78	247	1.88	4718	1 2 .		
99	14.35	278	1.74	4743	1 4 .		
78	18.22	353	1.47	4740	1 8 .		
69	20.66	400	1.34	4693	2 0 .		
58	24.64	477	1.18	4571	2 5 .		
50	28.37	550	1.06	4420	2 8 .		
43	32.99	638	0.95	4180	3 2 .		
39	36.91	716	0.89	3950	3 6 .		
36	39.34	764	0.83	3790	4 0 .		
179	7.96	153	3.64	8000	K 0 6 3 2 8 . 0 _ M _ - _ _ 3 . 0 A - -	67	112M
127	11.19	217	2.95	8000	1 1 .		
114	12.54	243	2.75	7333	1 2 .		
101	14.08	273	2.55	7490	1 4 .		
80	17.88	347	2.16	7483	1 8 .		
70	20.27	394	1.97	7452	2 0 .		
59	24.18	469	1.74	7384	2 5 .		
51	27.84	539	1.53	6640	2 8 .		
44	32.38	627	1.32	7127	3 2 .		
39	36.22	703	1.18	7003	3 6 .		
37	38.61	749	1.1	6913	4 0 .		
31	45.76	885	0.93	7920	4 5 .		
29	48.86	945	0.87	7830	5 0 .		
54	26.52	513	2.9	12530	K 0 7 3 2 2 5 . _ M _ - _ _ 3 . 0 A - -	85	112M
49	29.17	565	2.71	12663	2 8 .		
43	33.52	648	2.44	12938	3 2 .		
37	38.01	734	2.18	13207	3 6 .		
34	41.92	809	1.98	13387	4 0 .		
30	48.01	926	1.73	12819	4 5 .		
26	54.28	1048	1.53	12643	5 0 .		
23	62.94	1211	1.32	12641	6 3 .		
19	75.07	1445	1.11	12313	7 1 .		
17	82.21	1580	1.01	12117	8 0 .		
14	98.65	1893	0.85	13200	1 0 0		
39	36.88	711	3.77	15200	K 0 8 3 2 3 6 . _ M _ - _ _ 3 . 0 A - -	140	112M
35	40.36	779	3.44	15200	4 0 .		
31	45.66	881	3.04	15200	4 5 .		
28	51.54	995	2.69	17609	5 0 .		
23	62.47	1204	2.22	18084	6 3 .		
20	72.86	1403	1.91	18280	7 1 .		
18	80.03	1540	1.74	18134	8 0 .		
15	98.08	1889	1.42	17765	1 0 0		
13	107.1	2060	1.3	17568	1 1 2		
12	123.33	2364	1.13	16455	1 2 5		
24	60.1	1157	3.64	34000	K 0 9 3 1 6 3 . _ M _ - _ _ 3 . 0 A - -	193	112M
20	70.45	1359	2.78	34000	7 1 .		
18	77.78	1500	2.52	34000	8 0 .		
17	84.89	1630	2.58	34000	9 0 .		
15	93.71	1799	2.34	34000	1 0 0		
13	106.99	2060	1.83	34000	1 1 2		
12	120.31	2307	1.64	34000	1 2 5		
11	128.92	2471	1.7	34000	1 4 0		
10	144.96	2769	1.52	34000	1 6 0		
8.11	175.66	3355	1.09	34000	K 0 9 5 1 1 8 0 _ M _ - _ _ 3 . 0 A - -	215	112M
7.16	199.13	3803	0.96	34000	2 0 0		
6.66	213.82	4084	0.90	34000	2 2 5		
5.95	239.65	4577	0.80	34000	2 5 0		
14	99.7	1925	3.73	43400	K 1 0 3 1 1 0 0 _ M _ - _ _ 3 . 0 A - -	317	112M
13	112.03	2151	3.34	43400	1 1 2		
12	120.36	2315	3.11	43400	1 2 5		
11	134.85	2591	2.77	43359	1 4 0		
10	144.88	2781	2.58	43359	1 6 0		
7.87	181.05	3458	2.08	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 3 . 0 A - -	393	112M
7.01	203.38	3885	1.85	43000	2 0 0		
6.17	231.10	4414	1.63	43000	2 2 5		
5.49	259.60	4958	1.45	43000	2 5 0		
4.88	292.09	5579	1.29	43000	2 8 0		
4.29	332.09	6343	1.13	43000	3 2 0		
3.82	372.83	7121	1.01	43000	3 6 0		
3.36	423.90	8096	0.89	43000	4 0 0		
3.21	443.58	8472	0.85	43000	4 5 0		

NOTE

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

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 Size
7.97	178.73	3414	3.60	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 3 . 0 A - -	578	112M
7.18	198.55	3792	3.24	61000	2 0 0		
6.19	230.12	4395	2.80	61000	2 2 5		
5.52	258.35	4935	2.49	61000	2 5 0		
4.99	285.57	5454	2.26	61000	2 8 0		
4.44	320.60	6123	2.01	61000	3 2 0		
3.99	357.00	6819	1.80	61000	3 6 0		
3.43	415.55	7937	1.55	61000	4 0 0		
3.22	443.01	8462	1.45	61000	4 5 0		
2.76	515.68	9849	1.25	61000	5 0 0		
2.50	570.71	10901	1.13	61000	5 6 0		
2.21	644.21	12304	1.00	61000	6 3 0		
2.01	708.22	13527	0.91	61000	7 0 0		
1.78	799.42	15269	0.81	61000	8 0 0		

NOTE

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

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 Size
111	8.6	247	2.87	10700	K 0 7 3 2 8 . 0 _ M _ - _ _ 3 . 0 C - -	111	132S
80	11.91	344	2.87	11500	1 1 .		
71	13.37	386	2.87	11800	1 2 .		
65	14.71	425	2.87	12100	1 4 .		
50	19.21	555	2.63	12700	1 8 .		
44	21.84	632	2.4	12900	2 0 .		
36	26.52	765	2.09	13253	2 5 .		
33	29.17	843	1.9	13424	2 8 .		
28	33.52	968	1.65	12753	3 2 .		
25	38.01	1096	1.46	12558	3 6 .		
23	41.92	1209	1.32	12363	4 0 .		
20	48.01	1382	1.16	11592	4 5 .		
18	54.28	1566	1.02	11174	5 0 .		
15	62.94	1813	0.88	11612	6 3 .		
38	25.35	734	3.65	16700	K 0 8 3 2 2 5 . _ M _ - _ _ 3 . 0 C - -	167	132S
33	28.56	825	3.25	17100	2 8 .		
29	33.24	959	2.79	17500	3 2 .		
26	36.88	1063	2.52	19200	3 6 .		
24	40.36	1164	2.3	19500	4 0 .		
21	45.66	1316	2.04	20000	4 5 .		
19	51.54	1485	1.8	18110	5 0 .		
15	62.47	1800	1.49	17605	6 3 .		
13	72.86	2093	1.28	16663	7 1 .		
12	80.03	2302	1.16	15912	8 0 .		
10	98.08	2816	0.95	14424	1 0 0		
8.9	107.1	3073	0.87	12922	1 1 2		
21	44.89	1295	2.92	34000	K 0 9 3 1 4 5 . _ M _ - _ _ 3 . 0 C - -	220	132S
19	49.87	1439	2.63	34000	5 0 .		
18	54.09	1555	2.71	34000	5 6 .		
16	60.1	1727	2.44	34000	6 3 .		
14	70.45	2028	1.86	34000	7 1 .		
12	77.78	2239	1.69	34000	8 0 .		
11	84.89	2436	1.73	34000	9 0 .		
10	93.71	2689	1.57	34000	1 0 0		
8.9	106.99	3072	1.23	34000	1 1 2		
7.9	120.31	3443	1.1	34000	1 2 5		
7.4	128.92	3690	1.14	34000	1 4 0		
6.6	144.96	4135	1.02	34000	1 6 0		
12	82.83	2387	3.01	43400	K 1 0 3 1 8 0 . _ M _ - _ _ 3 . 0 C - -	344	132S
11	86.53	2492	2.88	43400	9 0 .		
10	99.7	2868	2.51	43400	1 0 0		
8.5	112.03	3221	2.23	43400	1 1 2		
7.9	120.36	3458	2.08	43400	1 2 5		
7.1	134.85	3871	1.86	43324	1 4 0		
6.6	144.88	4153	1.73	43250	1 6 0		
5.27	181.05	5160	1.39	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 3 . 0 C - -	415	132S
4.70	203.38	5796	1.24	43000	2 0 0		
4.13	231.10	6586	1.09	43000	2 2 5		
3.68	259.60	7399	0.97	43000	2 5 0		
3.27	292.09	8324	0.86	43000	2 8 0		
7.9	121.06	3475	3.48	61700	K 1 2 3 1 1 2 5 _ M _ - _ _ 3 . 0 C - -	478	132S
7	137.09	3929	3.13	61700	1 4 0		
6.5	145.85	4181	2.94	61700	1 6 0		
5.34	178.73	5094	2.41	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 3 . 0 C - -	599	132S
4.81	198.55	5659	2.17	61000	2 0 0		
4.15	230.12	6558	1.88	61000	2 2 5		
3.70	258.35	7363	1.67	61000	2 5 0		
3.34	285.57	8139	1.51	61000	2 8 0		
2.98	320.60	9137	1.35	61000	3 2 0		
2.68	357.00	10174	1.21	61000	3 6 0		
2.30	415.55	11843	1.04	61000	4 0 0		
2.16	443.01	12626	0.97	61000	4 5 0		
1.85	515.68	14697	0.84	61000	5 0 0		

NOTE

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

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 Size
177	8.11	191	2.05	4080	K 0 5 3 2 8 . 0 _ M _ - _ _ 3 . 7 A - -	66	112M
126	11.4	270	1.65	4113	1 1 .		
112	12.78	303	1.54	4086	1 2 .		
100	14.35	340	1.43	4034	1 4 .		
79	18.22	433	1.20	3840	1 8 .		
69	20.66	490	1.09	3670	2 0 .		
58	24.64	585	0.96	3360	2 5 .		
180	7.96	188	2.97	8000	K 0 6 3 2 8 . 0 _ M _ - _ _ 3 . 7 A - -	74	112M
128	11.19	265	2.41	8000	1 1 .		
114	12.54	298	2.24	6800	1 2 .		
102	14.08	335	2.08	6890	1 4 .		
80	17.88	425	1.76	6838	1 8 .		
71	20.27	482	1.61	6767	2 0 .		
59	24.18	574	1.42	6614	2 5 .		
52	27.84	660	1.25	6036	2 8 .		
44	32.38	768	1.07	6740	3 2 .		
40	36.22	861	0.96	6560	3 6 .		
37	38.61	917	0.90	6430	4 0 .		
167	8.6	202	3.50	9380	K 0 7 3 2 8 . 0 _ M _ - _ _ 3 . 7 A - -	92	112M
121	11.91	280	3.50	10100	1 1 .		
107	13.37	316	3.50	10300	1 2 .		
98	14.71	348	3.50	10500	1 4 .		
75	19.21	454	2.97	11000	1 8 .		
66	21.84	518	2.70	11200	2 0 .		
54	26.52	629	2.37	11569	2 5 .		
49	29.17	692	2.21	11617	2 8 .		
43	33.52	794	1.99	11737	3 2 .		
38	38.01	899	1.78	11841	3 6 .		
34	41.92	992	1.61	11872	4 0 .		
30	48.01	1135	1.41	11365	4 5 .		
26	54.28	1283	1.24	11073	5 0 .		
23	62.94	1484	1.08	11400	6 3 .		
19	75.07	1770	0.91	10900	7 1 .		
57	25.35	599	4.06	14500	K 0 8 3 2 2 5 . _ M _ - _ _ 3 . 7 A - -	147	112M
50	28.56	675	3.74	14900	2 8 .		
43	33.24	786	3.37	15200	3 2 .		
39	36.88	870	3.08	14811	3 6 .		
36	40.36	954	2.81	14811	4 0 .		
31	45.66	1079	2.49	14811	4 5 .		
28	51.54	1218	2.19	16051	5 0 .		
23	62.47	1475	1.82	16205	6 3 .		
20	72.86	1718	1.56	16134	7 1 .		
18	80.03	1886	1.42	15890	8 0 .		
15	98.08	2313	1.16	15800	1 0 0		
13	107.1	2523	1.06	15500	1 1 2		
12	123.33	2895	0.93	13800	1 2 5		
32	44.89	1062	3.56	34000	K 0 9 3 1 4 5 . _ M _ - _ _ 3 . 7 A - -	200	112M
29	49.87	1178	3.21	34000	5 0 .		
27	54.09	1279	3.29	34000	5 6 .		
24	60.1	1417	2.97	34000	6 3 .		
20	70.45	1664	2.27	34000	7 1 .		
18	77.78	1837	2.05	34000	8 0 .		
17	84.89	1997	2.11	34000	9 0 .		
15	93.71	2204	1.91	34000	1 0 0		
13	106.99	2523	1.50	34000	1 1 2		
12	120.31	2826	1.34	34000	1 2 5		
11	128.92	3027	1.39	34000	1 4 0		
10	144.96	3392	1.24	34000	1 6 0		
20	71.89	1701	4.23	43400	K 1 0 3 1 7 1 . _ M _ - _ _ 3 . 7 A - -	324	112M
17	82.83	1962	3.66	43400	8 0 .		
17	86.53	2052	3.50	43400	9 0 .		
14	99.7	2358	3.05	43388	1 0 0		
13	112.03	2635	2.72	43388	1 1 2		
12	120.36	2835	2.54	43388	1 2 5		
11	134.85	3174	2.27	43301	1 4 0		
10	144.88	3407	2.11	43301	1 6 0		

NOTE

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

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 Size
7.93	181.05	4235	1.70	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 3 . 7 A - -	402	112M
7.06	203.38	4758	1.51	43000	2 0 0		
6.21	231.10	5406	1.33	43000	2 2 5		
5.53	259.60	6092	1.18	43000	2 5 0		
4.91	292.09	6533	1.05	43000	2 8 0		
4.32	332.09	7768	0.92	43000	3 2 0		
12	121.06	2863	4.23	61700	K 1 2 3 1 1 2 5 _ M _ - _ _ 3 . 7 A - -	458	112M
11	137.09	3215	3.83	61700	1 4 0		
10	145.85	3432	3.59	61700	1 6 0		
8.03	178.73	4181	2.94	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 3 . 7 A - -	588	112M
7.23	198.55	4645	2.65	61000	2 0 0		
6.24	230.12	5383	2.28	61000	2 2 5		
5.55	258.35	6047	2.03	61000	2 5 0		
5.03	285.57	6680	1.84	61000	2 8 0		
4.48	320.60	7500	1.64	61000	3 2 0		
4.02	357.00	8351	1.47	61000	3 6 0		
3.45	415.55	9721	1.26	61000	4 0 0		
3.24	443.01	10363	1.19	61000	4 5 0		
2.78	515.68	12063	1.02	61000	5 0 0		
2.51	570.71	13350	0.92	61000	5 6 0		

NOTE

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

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 Size
112	8.6	303	2.34	10232	K 0 7 3 2 8 . 0 _ M _ - _ _ 3 . 7 C - -	115	132M
81	11.91	422	2.34	10868	1 1 .		
72	13.37	475	2.34	11080	1 2 .		
65	14.71	522	2.34	11300	1 4 .		
50	19.21	681	2.14	11660	1 8 .		
44	21.84	775	1.96	11724	2 0 .		
36	26.52	939	1.71	11820	2 5 .		
33	29.17	1034	1.55	11830	2 8 .		
29	33.52	1189	1.35	11256	3 2 .		
25	38.01	1345	1.19	10931	3 6 .		
23	41.92	1484	1.08	10606	4 0 .		
20	48.01	1696	0.94	9799	4 5 .		
52	18.41	654	3.84	14800	K 0 8 3 2 1 8 . _ M _ - _ _ 3 . 7 C - -	171	132M
46	20.67	734	3.55	15100	2 0 .		
38	25.35	901	2.97	16050	2 5 .		
34	28.56	1012	2.65	16362	2 8 .		
29	33.24	1178	2.28	16650	3 2 .		
26	36.88	1304	2.05	19200	3 6 .		
24	40.36	1428	1.88	19500	4 0 .		
21	45.66	1614	1.65	20000	4 5 .		
19	51.54	1822	1.47	15850	5 0 .		
15	62.47	2208	1.21	15008	6 3 .		
13	72.86	2569	1.04	14118	7 1 .		
12	80.03	2825	0.95	12971	8 0 .		
21	44.89	1589	2.38	34000	K 0 9 3 1 4 5 . _ M _ - _ _ 3 . 7 C - -	224	132M
19	49.87	1766	2.14	34000	5 0 .		
18	54.09	1908	2.21	34000	5 6 .		
16	60.1	2119	1.99	34000	6 3 .		
14	70.45	2488	1.51	34000	7 1 .		
12	77.78	2747	1.37	34000	8 0 .		
11	84.89	2990	1.41	34000	9 0 .		
10	93.71	3299	1.28	34000	1 0 0		
9	106.99	3769	1.01	34000	1 1 2		
8	120.31	4224	0.90	34000	1 2 5		
7.4	128.92	4528	0.93	34000	1 4 0		
18	54.61	1928	3.73	43400	K 1 0 3 1 5 6 . _ M _ - _ _ 3 . 7 C - -	348	132M
16	60.68	2145	3.35	43400	6 3 .		
13	71.89	2558	2.81	43400	7 1 .		
12	82.83	2929	2.45	43383	8 0 .		
11	86.53	3057	2.35	43383	9 0 .		
10	99.7	3519	2.04	43362	1 0 0		
8.6	112.03	3953	1.82	43400	1 1 2		
8	120.36	4242	1.70	43400	1 2 5		
7.1	134.85	4750	1.51	43230	1 4 0		
6.6	144.88	5096	1.41	43150	1 6 0		
5.30	181.05	6330	1.13	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 3 . 7 C - -	425	132M
4.72	203.38	7111	1.01	43000	2 0 0		
4.15	231.10	8081	0.89	43000	2 2 5		
10	100.12	3500	3.51	61700	K 1 2 3 1 1 0 0 _ M _ - _ _ 3 . 7 C - -	482	132M
8.4	113.79	3997	3.03	61700	1 1 2		
7.9	121.06	4263	2.83	61693	1 2 5		
7	137.09	4820	2.55	61683	1 4 0		
6.6	145.85	5130	2.40	61700	1 6 0		
5.37	178.73	6250	1.97	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 3 . 7 C - -	609	132M
4.84	198.55	6943	1.77	61000	2 0 0		
4.17	230.12	8047	1.53	61000	2 2 5		
3.72	258.35	9034	1.36	61000	2 5 0		
3.36	285.57	9085	1.23	61000	2 8 0		
2.99	320.60	12210	1.10	61000	3 2 0		
2.69	357.00	12483	0.98	61000	3 6 0		

NOTE

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

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 Size
176	8.11	286	1.37	3480	K 0 5 3 2 8 . 0 _ M _ - _ _ 5 . 5 A - -	80	132S
125	11.4	403	1.11	3270	1 1 .		
112	12.78	452	1.03	3140	1 2 .		
100	14.35	508	0.95	2970	1 4 .		
78	18.22	646	0.8	2490	1 8 .		
180	7.96	280	1.99	8000	K 0 6 3 2 8 . 0 _ M _ - _ _ 5 . 5 A - -	88	132S
128	11.19	396	1.62	8000	1 1 .		
114	12.54	445	1.5	6000	1 2 .		
102	14.08	499	1.39	5990	1 4 .		
80	17.88	633	1.18	5870	1 8 .		
71	20.27	719	1.08	5740	2 0 .		
59	24.18	858	0.95	5460	2 5 .		
51	27.84	986	0.84	5130	2 8 .		
168	8.6	299	2.37	8915	K 0 7 3 2 8 . 0 _ M _ - _ _ 5 . 5 A - -	111	132S
121	11.91	416	2.37	9444	1 1 .		
108	13.37	469	2.37	9575	1 2 .		
98	14.71	515	2.37	9705	1 4 .		
75	19.21	673	2	9965	1 8 .		
66	21.84	767	1.82	10027	2 0 .		
54	26.52	932	1.6	10127	2 5 .		
49	29.17	1025	1.49	10049	2 8 .		
43	33.52	1176	1.34	9935	3 2 .		
38	38.01	1332	1.2	9792	3 6 .		
34	41.92	1469	1.09	9600	4 0 .		
30	48.01	1681	0.95	9185	4 5 .		
27	54.28	1901	0.84	8717	5 0 .		
78	18.41	646	3.56	12711	K 0 8 3 2 1 8 . _ M _ - _ _ 5 . 5 A - -	167	132S
70	20.67	723	3.25	12911	2 0 .		
57	25.35	889	2.74	14131	2 5 .		
50	28.56	1000	2.53	14477	2 8 .		
43	33.24	1164	2.28	14722	3 2 .		
39	36.88	1290	2.08	14227	3 6 .		
36	40.36	1413	1.9	14227	4 0 .		
32	45.66	1599	1.68	14227	4 5 .		
28	51.54	1805	1.48	13715	5 0 .		
23	62.47	2185	1.23	13387	6 3 .		
20	72.86	2545	1.05	12914	7 1 .		
18	80.03	2795	0.96	12524	8 0 .		
32	44.89	1574	2.4	34000	K 0 9 3 1 4 5 . _ M _ - _ _ 5 . 5 A - -	220	132S
29	49.87	1744	2.17	34000	5 0 .		
27	54.09	1895	2.22	34000	5 6 .		
24	60.1	2100	2	34000	6 3 .		
20	70.45	2465	1.53	34000	7 1 .		
19	77.78	2722	1.39	34000	8 0 .		
17	84.89	2958	1.42	34000	9 0 .		
15	93.71	3265	1.29	34000	1 0 0		
13	106.99	3738	1.01	34000	1 1 2		
12	120.31	4186	0.9	34000	1 2 5		
11	128.92	4483	0.94	34000	1 4 0		
26	54.61	1914	3.76	43400	K 1 0 3 1 5 6 . _ M _ - _ _ 5 . 5 A - -	344	132S
24	60.68	2129	3.38	43400	6 3 .		
20	71.89	2520	2.85	43400	7 1 .		
17	82.83	2906	2.47	43400	8 0 .		
17	86.53	3039	2.37	43400	9 0 .		
14	99.7	3492	2.06	43372	1 0 0		
13	112.03	3903	1.84	43372	1 1 2		
12	120.36	4200	1.71	43372	1 2 5		
11	134.85	4701	1.53	43215	1 4 0		
10	144.88	5046	1.42	43215	1 6 0		

NOTE

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

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 Size
7.95	181.05	6274	1.15	43000	K 1 0 5 1 1 8 0 _ M _ - _ _ 5 . 5 A - -	415	132S
7.08	203.38	7048	1.02	43000	2 0 0		
6.23	231.10	8008	0.90	43000	2 2 5		
5.55	259.60	8996	0.80	43000	2 5 0		
16	89.89	3124	3.94	61700	K 1 2 3 1 9 0 . _ M _ - _ _ 5 . 5 A - -	478	132S
14	100.12	3475	3.54	61700	1 0 0		
13	113.79	3965	3.05	61700	1 1 2		
12	121.06	4241	2.85	61700	1 2 5		
11	137.09	4763	2.58	61700	1 4 0		
10	145.85	5083	2.42	61700	1 6 0		
8.06	178.73	6193	1.99	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 5 . 5 A - -	599	132S
7.25	198.55	6880	1.79	61000	2 0 0		
6.26	230.12	7974	1.54	61000	2 2 5		
5.57	258.35	8952	1.37	61000	2 5 0		
5.04	285.57	9895	1.24	61000	2 8 0		
4.49	320.60	11109	1.11	61000	3 2 0		
4.03	357.00	12371	0.99	61000	3 6 0		
3.47	415.55	14400	0.85	61000	4 0 0		
3.25	443.01	15351	0.80	61000	4 5 0		

NOTE

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

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 Size
112	8.6	452	1.57	9530	K 0 7 3 2 8 . 0 _ M _ - _ _ 5 . 5 C - -	115	132M
81	11.91	627	1.57	9920	1 1 .		
72	13.37	705	1.57	10000	1 2 .		
65	14.71	775	1.57	10100	1 4 .		
50	19.21	1012	1.44	10100	1 8 .		
44	21.84	1153	1.32	9960	2 0 .		
36	26.52	1396	1.15	9670	2 5 .		
33	29.17	1538	1.04	9440	2 8 .		
29	33.52	1767	0.91	9010	3 2 .		
25	38.01	2000	0.8	8490	3 6 .		
118	8.13	426	3.16	12021	K 0 8 3 2 8 . 0 _ M _ - _ _ 5 . 5 C - -	171	132M
83	11.52	606	3.16	13014	1 1 .		
75	12.8	673	3.16	13271	1 2 .		
67	14.24	752	3.11	13607	1 4 .		
52	18.41	972	2.58	14157	1 8 .		
46	20.67	1091	2.38	14392	2 0 .		
38	25.35	1340	2	15075	2 5 .		
34	28.56	1505	1.78	15256	2 8 .		
29	33.24	1750	1.53	15375	3 2 .		
26	36.88	1939	1.38	19200	3 6 .		
24	40.36	2123	1.26	19500	4 0 .		
21	45.66	2400	1.12	20000	4 5 .		
19	51.54	2709	0.99	12460	5 0 .		
15	62.47	3282	0.82	11113	6 3 .		
21	44.89	2362	1.6	34000	K 0 9 3 1 4 5 . _ M _ - _ _ 5 . 5 C - -	224	132M
19	49.87	2625	1.44	34000	5 0 .		
18	54.09	2837	1.48	34000	5 6 .		
16	60.1	3150	1.34	34000	6 3 .		
14	70.45	3699	1.02	34000	7 1 .		
12	77.78	4084	0.93	34000	8 0 .		
11	84.89	4444	0.95	34000	9 0 .		
10	93.71	4905	0.86	34000	1 0 0		
21	45.37	2396	3	43400	K 1 0 3 1 4 5 . _ M _ - _ _ 5 . 5 C - -	348	132M
19	50.41	2654	2.71	43400	5 0 .		
18	54.61	2865	2.51	43400	5 6 .		
16	60.68	3189	2.25	43391	6 3 .		
13	71.89	3802	1.89	43389	7 1 .		
12	82.83	4355	1.65	43358	8 0 .		
11	86.53	4545	1.58	43358	9 0 .		
10	99.7	5230	1.37	43306	1 0 0		
8.6	112.03	5875	1.22	43400	1 1 2		
8	120.36	6307	1.14	43400	1 2 5		
7.1	134.85	7061	1.02	43088	1 4 0		
6.6	144.88	7575	0.95	43000	1 6 0		
13	74.62	3914	3.09	61700	K 1 2 3 1 7 1 . _ M _ - _ _ 5 . 5 C - -	482	132M
12	83.1	4349	2.78	61700	8 0 .		
11	89.89	4697	2.62	61700	9 0 .		
10	100.12	5203	2.36	61700	1 0 0		
8.4	113.79	5941	2.04	61689	1 1 2		
7.9	121.06	6338	1.91	61683	1 2 5		
7	137.09	7166	1.72	61658	1 4 0		
6.6	145.85	7626	1.61	61700	1 6 0		
5.37	178.73	9290	1.32	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 5 . 5 C - -	609	132M
4.84	198.55	10320	1.19	61000	2 0 0		
4.17	230.12	11961	1.03	61000	2 2 5		
3.72	258.35	13429	0.92	61000	2 5 0		
3.36	285.57	14843	0.83	61000	2 8 0		

NOTE

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

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 Size
168	8.6	407	1.74	8295	K 0 7 3 2 8 . 0 _ M _ - _ _ 7 . 5 A - -	115	132M
121	11.91	565	1.74	8570	1 1 .		
108	13.37	637	1.74	8610	1 2 .		
98	14.71	700	1.74	8645	1 4 .		
75	19.21	915	1.47	8585	1 8 .		
66	21.84	1043	1.34	8465	2 0 .		
54	26.52	1267	1.18	8204	2 5 .		
50	29.17	1394	1.1	7957	2 8 .		
43	33.52	1598	0.99	7532	3 2 .		
38	38.01	1810	0.88	7060	3 6 .		
34	41.92	1996	0.8	6570	4 0 .		
178	8.13	386	3.49	10798	K 0 8 3 2 8 . 0 _ M _ - _ _ 7 . 5 A - -	171	132M
125	11.52	549	3.49	11458	1 1 .		
113	12.8	611	3.32	11738	1 2 .		
101	14.24	676	3.15	11938	1 4 .		
78	18.41	878	2.62	12477	1 8 .		
70	20.67	982	2.39	12677	2 0 .		
57	25.35	1208	2.02	13640	2 5 .		
51	28.56	1360	1.86	13913	2 8 .		
43	33.24	1582	1.67	14086	3 2 .		
39	36.88	1753	1.53	13450	3 6 .		
36	40.36	1920	1.4	13450	4 0 .		
32	45.66	2173	1.23	13450	4 5 .		
28	51.54	2453	1.09	10600	5 0 .		
23	62.47	2970	0.9	9630	6 3 .		
32	44.89	2138	1.77	34000	K 0 9 3 1 4 5 . _ M _ - _ _ 7 . 5 A - -	224	132M
29	49.87	2370	1.59	34000	5 0 .		
27	54.09	2575	1.63	34000	5 6 .		
24	60.1	2854	1.47	34000	6 3 .		
21	70.45	3350	1.13	34000	7 1 .		
19	77.78	3699	1.02	34000	8 0 .		
17	84.89	4020	1.05	34000	9 0 .		
15	93.71	4437	0.95	34000	1 0 0		
32	45.37	2164	3.32	35600	K 1 0 3 1 4 5 . _ M _ - _ _ 7 . 5 A - -	348	132M
29	50.41	2404	2.99	35600	5 0 .		
26	54.61	2601	2.76	43400	5 6 .		
24	60.68	2893	2.48	43400	6 3 .		
20	71.89	3424	2.1	43400	7 1 .		
17	82.83	3949	1.82	43400	8 0 .		
17	86.53	4130	1.74	43400	9 0 .		
14	99.7	4746	1.51	43350	1 0 0		
13	112.03	5305	1.36	43350	1 1 2		
12	120.36	5707	1.26	43350	1 2 5		
11	134.85	6388	1.13	43100	1 4 0		
10	144.88	6858	1.05	43100	1 6 0		
19	74.62	3543	3.41	61700	K 1 2 3 1 7 1 . _ M _ - _ _ 7 . 5 A - -	482	132M
17	83.1	3942	3.07	61700	8 0 .		
16	89.89	4246	2.9	61700	9 0 .		
14	100.12	4722	2.6	61700	1 0 0		
13	113.79	5388	2.25	61700	1 1 2		
12	121.06	5763	2.1	61700	1 2 5		
11	137.09	6473	1.9	61700	1 4 0		
10	145.85	6908	1.78	61700	1 6 0		
8.08	178.73	8416	1.46	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 7 . 5 A - -	609	132M
7.28	198.55	9349	1.32	61000	2 0 0		
6.28	230.12	10836	1.14	61000	2 2 5		
5.59	258.35	12166	1.01	61000	2 5 0		
5.06	285.57	13447	0.91	61000	2 8 0		
4.51	320.60	15097	0.81	61000	3 2 0		

NOTE

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

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 Size
118	8.13	581	2.32	11650	K 0 8 3 2 8 . 0 _ M _ - _ _ 7 . 5 C - -	205	160M
83	11.52	827	2.32	12500	1 1 .		
75	12.8	918	2.32	12700	1 2 .		
67	14.24	1026	2.28	12950	1 4 .		
52	18.41	1325	1.89	13300	1 8 .		
46	20.67	1488	1.75	13450	2 0 .		
38	25.35	1827	1.47	13775	2 5 .		
34	28.56	2053	1.31	13781	2 8 .		
29	33.24	2387	1.12	13675	3 2 .		
26	36.88	2644	1.01	19200	3 6 .		
24	40.36	2896	0.93	19500	4 0 .		
21	45.66	3273	0.82	20000	4 5 .		
64	14.94	1071	3.76	34000	K 0 9 3 1 1 6 . _ M _ - _ _ 7 . 5 C - -	258	160M
54	17.93	1285	2.89	34000	1 8 .		
48	20.03	1435	2.63	34000	2 0 .		
44	21.61	1547	2.72	34000	2 2 .		
40	24.14	1725	2.44	34000	2 5 .		
35	27.78	1996	1.89	34000	2 8 .		
30	31.67	2268	1.67	34000	3 2 .		
29	33.47	2392	1.76	34000	3 6 .		
25	38.16	2721	1.55	34000	4 0 .		
21	44.89	3221	1.17	34000	4 5 .		
19	49.87	3579	1.06	34000	5 0 .		
18	54.09	3869	1.09	34000	5 6 .		
16	60.1	4295	0.98	34000	6 3 .		
29	33.1	2386	3.01	35600	K 1 0 3 1 3 2 . _ M _ - _ _ 7 . 5 C - -	382	160M
27	35.19	2531	2.84	35600	3 6 .		
24	39.84	2868	2.51	35600	4 0 .		
21	45.37	3268	2.2	43400	4 5 .		
19	50.41	3619	1.99	43400	5 0 .		
18	54.61	3907	1.84	43400	5 6 .		
16	60.68	4348	1.65	43380	6 3 .		
13	71.89	5185	1.39	43375	7 1 .		
12	82.83	5938	1.21	43325	8 0 .		
11	86.53	6198	1.16	43325	9 0 .		
10	99.7	7132	1.01	43231	1 0 0		
8.6	112.03	8012	0.9	43400	1 1 2		
8	120.36	8600	0.84	43400	1 2 5		
18	52.76	3781	3.2	61700	K 1 2 3 1 5 0 . _ M _ - _ _ 7 . 5 C - -	517	160M
17	56.39	4028	3.05	61700	5 6 .		
15	63.57	4544	2.71	61700	6 3 .		
13	74.62	5338	2.27	61700	7 1 .		
12	83.1	5931	2.04	61700	8 0 .		
11	89.89	6406	1.92	61700	9 0 .		
10	100.12	7096	1.73	61700	1 0 0		
8.4	113.79	8102	1.49	61675	1 1 2		
7.9	121.06	8642	1.4	61670	1 2 5		
7	137.09	9772	1.26	61625	1 4 0		
6.6	145.85	10400	1.18	61700	1 6 0		

NOTE

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

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 Size
168	8.6	599	1.18	7210	K 0 7 3 2 8 . 0 _ M _ - _ _ 1 1 . A - -	151	160M
121	11.91	832	1.18	7040	1 1 .		
108	13.37	938	1.18	6920	1 2 .		
98	14.71	1031	1.18	6790	1 4 .		
75	19.21	1347	1	6170	1 8 .		
66	21.84	1535	0.91	5730	2 0 .		
178	8.13	564	2.39	10612	K 0 8 3 2 8 . 0 _ M _ - _ _ 1 1 . A - -	205	160M
126	11.52	803	2.39	11197	1 1 .		
113	12.8	893	2.27	11440	1 2 .		
102	14.24	988	2.15	11640	1 4 .		
79	18.41	1284	1.79	12068	1 8 .		
70	20.67	1436	1.64	12268	2 0 .		
57	25.35	1765	1.38	12781	2 5 .		
51	28.56	1987	1.27	12927	2 8 .		
44	33.24	2313	1.15	12972	3 2 .		
39	36.88	2563	1.05	12088	3 6 .		
36	40.36	2807	0.95	12088	4 0 .		
32	45.66	3176	0.84	12088	4 5 .		
131	11.06	768	3.89	34000	K 0 9 3 1 1 1 . _ M _ - _ _ 1 1 . A - -	258	160M
117	12.4	860	3.64	34000	1 2 .		
109	13.33	925	3.89	34000	1 4 .		
97	14.94	1036	3.64	34000	1 6 .		
81	17.93	1250	2.78	34000	1 8 .		
72	20.03	1393	2.55	34000	2 0 .		
67	21.61	1501	2.76	34000	2 2 .		
60	24.14	1677	2.51	34000	2 5 .		
52	27.78	1928	1.95	34000	2 8 .		
46	31.67	2211	1.71	34000	3 2 .		
43	33.47	2327	1.81	34000	3 6 .		
38	38.16	2646	1.59	34000	4 0 .		
32	44.89	3126	1.21	34000	4 5 .		
29	49.87	3465	1.09	34000	5 0 .		
27	54.09	3765	1.12	34000	5 6 .		
24	60.1	4172	1.01	34000	6 3 .		
44	33.1	2312	3.11	35604	K 1 0 3 1 3 2 . _ M _ - _ _ 1 1 . A - -	382	160M
41	35.19	2456	2.93	35604	3 6 .		
36	39.84	2775	2.59	35605	4 0 .		
32	45.37	3163	2.27	35584	4 5 .		
29	50.41	3515	2.05	35575	5 0 .		
27	54.61	3802	1.89	43400	5 6 .		
24	60.68	4229	1.7	43400	6 3 .		
20	71.89	5005	1.44	43400	7 1 .		
18	82.83	5772	1.25	43400	8 0 .		
17	86.53	6037	1.19	43400	9 0 .		
15	99.7	6937	1.04	43311	1 0 0		
13	112.03	7753	0.93	43311	1 1 2		
12	120.36	8342	0.86	43311	1 2 5		
31	46.81	3262	3.71	61800	K 1 2 3 1 4 5 . _ M _ - _ _ 1 1 . A - -	517	160M
27	52.76	3676	3.29	61800	5 0 .		
26	56.39	3910	3.15	61832	5 6 .		
23	63.57	4407	2.79	61832	6 3 .		
19	74.62	5178	2.34	61186	7 1 .		
17	83.1	5761	2.1	61186	8 0 .		
16	89.89	6206	1.98	61700	9 0 .		
14	100.12	6903	1.78	61700	1 0 0		
13	113.79	7875	1.54	61700	1 1 2		
12	121.06	8424	1.44	61700	1 2 5		
11	137.09	9461	1.3	61700	1 4 0		
10	145.85	10097	1.22	61700	1 6 0		
8.11	178.73	12301	1.00	61000	K 1 2 5 1 1 8 0 _ M _ - _ _ 1 1 . A - -	625	160M
7.30	198.55	13665	0.90	61000	2 0 0		

NOTE

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

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 Size
119	8.13	849	1.59	11000	K 0 8 3 2 8 . 0 _ M _ - _ _ 1 1 . C - -	219	160L
84	11.52	1207	1.59	11600	1 1 .		
75	12.8	1339	1.59	11700	1 2 .		
68	14.24	1497	1.56	11800	1 4 .		
52	18.41	1934	1.3	11800	1 8 .		
47	20.67	2171	1.2	11800	2 0 .		
38	25.35	2666	1.01	11500	2 5 .		
34	28.56	2995	0.89	11200	2 8 .		
120	8.03	842	3.45	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 1 . C - -	272	160L
100	9.68	1013	3.45	34000	1 0 .		
87	11.06	1158	2.8	34000	1 1 .		
78	12.4	1299	2.58	34000	1 2 .		
72	13.33	1394	2.8	34000	1 4 .		
65	14.94	1563	2.58	34000	1 6 .		
54	17.93	1875	1.98	34000	1 8 .		
48	20.03	2094	1.8	34000	2 0 .		
45	21.61	2258	1.86	34000	2 2 .		
40	24.14	2517	1.67	34000	2 5 .		
35	27.78	2912	1.3	34000	2 8 .		
30	31.67	3309	1.14	34000	3 2 .		
29	33.47	3490	1.21	34000	3 6 .		
25	38.16	3971	1.06	34000	4 0 .		
21	44.89	4700	0.8	34000	4 5 .		
43	22.35	2341	3.07	35600	K 1 0 3 1 2 2 . _ M _ - _ _ 1 1 . C - -	396	160L
40	24.13	2529	2.84	35600	2 5 .		
33	29.24	3073	2.34	35600	2 8 .		
29	33.1	3481	2.07	35553	3 2 .		
27	35.19	3693	1.95	35553	3 6 .		
24	39.84	4185	1.72	35553	4 0 .		
21	45.37	4768	1.51	43400	4 5 .		
19	50.41	5280	1.36	43400	5 0 .		
18	54.61	5701	1.26	43400	5 6 .		
16	60.68	6345	1.13	43361	6 3 .		
13	71.89	7565	0.95	43351	7 1 .		
12	82.83	8665	0.83	43266	8 0 .		
28	34.93	3657	3.36	61700	K 1 2 3 1 3 6 . _ M _ - _ _ 1 1 . C - -	531	160L
24	39.55	4141	2.97	61700	4 0 .		
21	46.81	4904	2.47	61700	4 5 .		
18	52.76	5517	2.19	61672	5 0 .		
17	56.39	5877	2.09	61664	5 6 .		
15	63.57	6630	1.86	61664	6 3 .		
13	74.62	7788	1.55	61700	7 1 .		
12	83.1	8654	1.4	61700	8 0 .		
11	89.89	9347	1.32	61700	9 0 .		
10	100.12	10353	1.19	61700	1 0 0		
8.5	113.79	11822	1.02	61651	1 1 2		
8	121.06	12610	0.96	61648	1 2 5		
7	137.09	14258	0.86	61566	1 4 0		
6.6	145.85	15174	0.81	61700	1 6 0		

NOTE

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

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 Size
179	8.13	767	1.76	10400	K 0 8 3 2 8 . 0 _ M _ - _ _ 1 5 . A - -	219	160L
126	11.52	1091	1.76	10900	1 1 .		
114	12.8	1213	1.67	11100	1 2 .		
102	14.24	1343	1.59	11300	1 4 .		
79	18.41	1745	1.32	11600	1 8 .		
70	20.67	1951	1.2	11800	2 0 .		
57	25.35	2399	1.02	11800	2 5 .		
51	28.56	2701	0.94	11800	2 8 .		
44	33.24	3143	0.84	11700	3 2 .		
181	8.03	757	3.39	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 5 . A - -	272	160L
150	9.68	914	3.39	34000	1 0 .		
132	11.06	1044	2.86	34000	1 1 .		
117	12.4	1169	2.68	34000	1 2 .		
109	13.33	1257	2.86	34000	1 4 .		
97	14.94	1408	2.68	34000	1 6 .		
81	17.93	1700	2.05	34000	1 8 .		
73	20.03	1893	1.88	34000	2 0 .		
67	21.61	2040	2.03	34000	2 2 .		
60	24.14	2280	1.85	34000	2 5 .		
52	27.78	2621	1.44	34000	2 8 .		
46	31.67	3005	1.26	34000	3 2 .		
43	33.47	3162	1.33	34000	3 6 .		
38	38.16	3596	1.17	34000	4 0 .		
32	44.89	4248	0.89	34000	4 5 .		
29	49.87	4708	0.8	34000	5 0 .		
27	54.09	5116	0.82	34000	5 6 .		
73	20.05	1901	3.77	35600	K 1 0 3 1 2 0 . _ M _ - _ _ 1 5 . A - -	396	160L
65	22.35	2115	3.4	35600	2 2 .		
60	24.13	2281	3.15	35600	2 5 .		
50	29.24	2777	2.59	35600	2 8 .		
44	33.1	3142	2.29	35588	3 2 .		
41	35.19	3337	2.15	35588	3 6 .		
37	39.84	3771	1.91	35583	4 0 .		
32	45.37	4299	1.67	35566	4 5 .		
29	50.41	4776	1.51	35548	5 0 .		
27	54.61	5167	1.39	43400	5 6 .		
24	60.68	5747	1.25	43400	6 3 .		
20	71.89	6802	1.06	43400	7 1 .		
18	82.83	7845	0.92	43400	8 0 .		
17	86.53	8204	0.88	43400	9 0 .		
44	32.83	3118	3.88	61700	K 1 2 3 1 3 2 . _ M _ - _ _ 1 5 . A - -	531	160L
42	34.93	3301	3.73	61469	3 6 .		
37	39.55	3744	3.28	61469	4 0 .		
31	46.81	4433	2.73	61400	4 5 .		
28	52.76	4996	2.42	61400	5 0 .		
26	56.39	5314	2.31	61304	5 6 .		
23	63.57	5989	2.05	61304	6 3 .		
19	74.62	7037	1.72	60600	7 1 .		
18	83.1	7830	1.55	60600	8 0 .		
16	89.89	8434	1.46	61700	9 0 .		
15	100.12	9380	1.31	61700	1 0 0		
13	113.79	10702	1.13	61700	1 1 2		
12	121.06	11447	1.06	61700	1 2 5		
11	137.09	12857	0.96	61700	1 4 0		
10	145.85	13721	0.9	61700	1 6 0		

NOTE

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

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 Size
121	8.03	1142	2.55	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 5 . C - -	371	180L
100	9.68	1374	2.55	34000	1 0 .		
88	11.06	1571	2.06	34000	1 1 .		
78	12.4	1763	1.9	34000	1 2 .		
73	13.33	1892	2.06	34000	1 4 .		
65	14.94	2121	1.9	34000	1 6 .		
54	17.93	2544	1.46	34000	1 8 .		
48	20.03	2840	1.33	34000	2 0 .		
45	21.61	3063	1.37	34000	2 2 .		
40	24.14	3415	1.23	34000	2 5 .		
35	27.78	3951	0.96	34000	2 8 .		
31	31.67	4489	0.84	34000	3 2 .		
29	33.47	4734	0.89	34000	3 6 .		
70	13.89	1974	3.49	35600	K 1 0 3 1 1 4 . _ M _ - _ _ 1 5 . C - -	495	180L
64	15.11	2147	3.35	35600	1 6 .		
52	18.57	2648	2.71	35600	1 8 .		
48	20.05	2853	2.52	35600	2 0 .		
43	22.35	3176	2.26	35536	2 2 .		
40	24.13	3432	2.09	35536	2 5 .		
33	29.24	4169	1.72	35536	2 8 .		
29	33.1	4722	1.52	35500	3 2 .		
28	35.19	5011	1.43	35500	3 6 .		
24	39.84	5677	1.27	35500	4 0 .		
21	45.37	6468	1.11	43400	4 5 .		
19	50.41	7163	1	43400	5 0 .		
18	54.61	7734	0.93	43400	5 6 .		
16	60.68	8607	0.84	43338	6 3 .		
33	28.99	4129	2.93	61700	K 1 2 3 1 2 8 . _ M _ - _ _ 1 5 . C - -	629	180L
30	32.83	4677	2.59	61700	3 2 .		
28	34.93	4961	2.48	61672	3 6 .		
25	39.55	5618	2.19	61672	4 0 .		
21	46.81	6652	1.82	61664	4 5 .		
18	52.76	7484	1.62	61640	5 0 .		
17	56.39	7973	1.54	61623	5 6 .		
15	63.57	8994	1.37	61623	6 3 .		
13	74.62	10566	1.15	61700	7 1 .		
12	83.1	11740	1.03	61700	8 0 .		
11	89.89	12680	0.97	61700	9 0 .		
10	100.12	14045	0.88	61700	1 0 0		

NOTE

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

18.5 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 Size
4 POLE							
183	8.03	925	2.78	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 8 . A - -	357	180M
152	9.68	1115	2.78	34000	1 0 .		
133	11.06	1274	2.35	34000	1 1 .		
119	12.4	1427	2.19	34000	1 2 .		
110	13.33	1534	2.35	34000	1 4 .		
98	14.94	1719	2.19	34000	1 6 .		
82	17.93	2075	1.68	34000	1 8 .		
73	20.03	2311	1.54	34000	2 0 .		
68	21.61	2491	1.67	34000	2 2 .		
61	24.14	2783	1.51	34000	2 5 .		
53	27.78	3199	1.18	34000	2 8 .		
46	31.67	3669	1.03	34000	3 2 .		
44	33.47	3860	1.09	34000	3 6 .		
39	38.16	4390	0.96	34000	4 0 .		
79	18.57	2151	3.27	35600	K 1 0 3 1 1 8 . _ M _ - _ _ 1 8 . A - -	481	180M
73	20.05	2320	3.09	35588	2 0 .		
66	22.35	2582	2.78	35588	2 2 .		
61	24.13	2785	2.58	35588	2 5 .		
50	29.24	3390	2.12	35588	2 8 .		
44	33.1	3836	1.87	35574	3 2 .		
42	35.19	4074	1.76	35574	3 6 .		
37	39.84	4603	1.56	35563	4 0 .		
32	45.37	5248	1.37	35551	4 5 .		
29	50.41	5831	1.23	35524	5 0 .		
27	54.61	6307	1.14	43400	5 6 .		
24	60.68	7016	1.02	43400	6 3 .		
20	71.89	8304	0.87	43400	7 1 .		
45	32.83	3806	3.18	61507	K 1 2 3 1 3 2 . _ M _ - _ _ 1 8 . A - -	615	180M
42	34.93	4029	3.05	61201	3 6 .		
37	39.55	4571	2.69	61201	4 0 .		
31	46.81	5411	2.24	61050	4 5 .		
28	52.76	6099	1.98	61050	5 0 .		
26	56.39	6487	1.9	60842	5 6 .		
23	63.57	7311	1.68	60842	6 3 .		
20	74.62	8591	1.41	60086	7 1 .		
18	83.1	9558	1.27	60086	8 0 .		
16	89.89	10296	1.19	61700	9 0 .		
15	100.12	11451	1.07	61700	1 0 0		
13	113.79	13065	0.93	61700	1 1 2		
12	121.06	13974	0.87	61700	1 2 5		
6 POLE							
121	8.03	1402	2.08	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 1 8 . C - -	426	200L
101	9.68	1686	2.08	34000	1 0 .		
88	11.06	1928	1.68	34000	1 1 .		
79	12.4	2163	1.55	34000	1 2 .		
73	13.33	2321	1.68	34000	1 4 .		
65	14.94	2603	1.55	34000	1 6 .		
54	17.93	3122	1.19	34000	1 8 .		
49	20.03	3485	1.08	34000	2 0 .		
45	21.61	3759	1.12	34000	2 2 .		
40	24.14	4190	1	34000	2 5 .		
118	8.26	1441	2.84	35600	K 1 0 3 1 8 . 0 _ M _ - _ _ 1 8 . C - -	550	200L
98	9.95	1730	2.84	35600	1 0 .		
84	11.54	2014	2.84	35600	1 1 .		
78	12.55	2194	2.84	35600	1 2 .		
70	13.89	2422	2.84	35530	1 4 .		
65	15.11	2635	2.73	35530	1 6 .		
53	18.57	3249	2.21	35530	1 8 .		
49	20.05	3501	2.05	35530	2 0 .		
44	22.35	3897	1.84	35481	2 2 .		
40	24.13	4211	1.71	35481	2 5 .		
33	29.24	5115	1.41	35481	2 8 .		
29	33.1	5795	1.24	35453	3 2 .		
28	35.19	6148	1.17	35453	3 6 .		
24	39.84	6966	1.03	35453	4 0 .		
21	45.37	7937	0.91	43400	4 5 .		
19	50.41	8789	0.82	43400	5 0 .		
115	8.51	1484	3.41	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 1 8 . C - -	685	200L
95	10.26	1783	3.41	61700	1 0 .		
83	11.8	2059	3.41	61700	1 1 .		
75	12.96	2264	3.41	61700	1 2 .		
69	14.21	2475	3.41	61700	1 4 .		
62	15.61	2722	3.41	61700	1 6 .		
54	18.2	3167	3.41	61700	1 8 .		
48	20.17	3519	3.41	61700	2 0 .		
44	21.93	3823	3.22	61700	2 2 .		
40	24.29	4235	2.9	61700	2 5 .		
34	28.99	5066	2.39	61673	2 8 .		
30	32.83	5739	2.11	61673	3 2 .		
28	34.93	6088	2.02	61648	3 6 .		
25	39.55	6893	1.78	61648	4 0 .		
21	46.81	8163	1.48	61633	4 5 .		
18	52.76	9183	1.32	61612	5 0 .		
17	56.39	9783	1.26	61588	5 6 .		
15	63.57	11036	1.11	61588	6 3 .		
13	74.62	12965	0.93	61700	7 1 .		
12	83.1	14405	0.84	61700	8 0 .		

NOTE

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

22.0 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 Size
4 POLE	183	8.03	1100	2.34	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 2 2 . A - -	371	180L
	152	9.68	1326	2.34	34000	1 0 .		
	133	11.06	1516	1.97	34000	1 1 .		
	119	12.4	1698	1.84	34000	1 2 .		
	110	13.33	1825	1.97	34000	1 4 .		
	98	14.94	2045	1.84	34000	1 6 .		
	82	17.93	2467	1.41	34000	1 8 .		
	73	20.03	2749	1.29	34000	2 0 .		
	68	21.61	2962	1.4	34000	2 2 .		
	61	24.14	3310	1.27	34000	2 5 .		
	53	27.78	3805	0.99	34000	2 8 .		
	46	31.67	4363	0.87	34000	3 2 .		
	44	33.47	4590	0.92	34000	3 6 .		
	178	8.26	1134	3.6	35600	K 1 0 3 1 8 . 0 _ M _ - _ _ 2 2 . A - -	495	180L
	148	9.95	1365	3.6	35600	1 0 .		
	127	11.54	1590	3.6	35600	1 1 .		
	117	12.55	1727	3.57	35600	1 2 .		
	106	13.89	1909	3.6	35600	1 4 .		
	97	15.11	2077	3.46	35586	1 6 .		
	79	18.57	2559	2.75	35586	1 8 .		
	73	20.05	2759	2.59	35576	2 0 .		
	66	22.35	3071	2.34	35576	2 2 .		
	61	24.13	3312	2.17	35576	2 5 .		
	50	29.24	4031	1.78	35576	2 8 .		
	44	33.1	4562	1.58	35560	3 2 .		
	42	35.19	4845	1.48	35560	3 6 .		
	32	45.37	6241	1.15	35535	4 5 .		
	29	50.41	6934	1.04	35500	5 0 .		
	27	54.61	7501	0.96	43400	5 6 .		
	24	60.68	8343	0.86	43400	6 3 .		
	61	24.29	3340	3.68	61700	K 1 2 3 1 2 5 . _ M _ - _ _ 2 2 . A - -	629	180L
	51	28.99	3996	3.03	61700	2 8 .		
	45	32.83	4527	2.67	61315	3 2 .		
	42	34.93	4792	2.57	60932	3 6 .		
	37	39.55	5436	2.26	60932	4 0 .		
	31	46.81	6435	1.88	60700	4 5 .		
	28	52.76	7253	1.67	60700	5 0 .		
	26	56.39	7714	1.59	60380	5 6 .		
	23	63.57	8694	1.41	60380	6 3 .		
	20	74.62	10217	1.18	59573	7 1 .		
	18	83.1	11367	1.06	59573	8 0 .		
	16	89.89	12243	1	61700	9 0 .		
	15	100.12	13618	0.9	61700	1 0 0		
6 POLE	121	8.03	1667	1.75	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 2 2 . C - -	426	200L
	101	9.68	2005	1.75	34000	1 0 .		
	88	11.06	2293	1.41	34000	1 1 .		
	79	12.4	2573	1.3	34000	1 2 .		
	73	13.33	2760	1.41	34000	1 4 .		
	65	14.94	3095	1.3	34000	1 6 .		
	54	17.93	3713	1	34000	1 8 .		
	49	20.03	4145	0.91	34000	2 0 .		
	45	21.61	4470	0.94	34000	2 2 .		
	40	24.14	4983	0.84	34000	2 5 .		
	118	8.26	1714	2.39	35508	K 1 0 3 1 8 . 0 _ M _ - _ _ 2 2 . C - -	550	200L
	98	9.95	2057	2.39	35508	1 0 .		
	84	11.54	2396	2.39	35508	1 1 .		
	78	12.55	2609	2.39	35508	1 2 .		
	70	13.89	2881	2.39	35460	1 4 .		
	65	15.11	3133	2.29	35460	1 6 .		
	53	18.57	3864	1.86	35460	1 8 .		
	49	20.05	4164	1.73	35460	2 0 .		
	44	22.35	4635	1.55	35426	2 2 .		
	40	24.13	5007	1.44	35426	2 5 .		
	33	29.24	6083	1.18	35426	2 8 .		
	29	33.1	6891	1.04	35406	3 2 .		
	28	35.19	7312	0.98	35406	3 6 .		
	115	8.51	1765	2.87	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 2 2 . C - -	685	200L
	95	10.26	2120	2.87	61700	1 0 .		
	83	11.8	2448	2.87	61700	1 1 .		
	75	12.96	2692	2.87	61700	1 2 .		
	69	14.21	2944	2.87	61700	1 4 .		
	62	15.61	3237	2.87	61690	1 6 .		
	54	18.2	3767	2.87	61680	1 8 .		
	48	20.17	4185	2.87	61671	2 0 .		
	44	21.93	4546	2.71	61671	2 2 .		
	40	24.29	5036	2.44	61671	2 5 .		
	34	28.99	6025	2.01	61647	2 8 .		
	30	32.83	6825	1.77	61647	3 2 .		
	28	34.93	7240	1.7	61625	3 6 .		
	25	39.55	8198	1.5	61625	4 0 .		
	21	46.81	9707	1.25	61602	4 5 .		
	18	52.76	10921	1.11	61584	5 0 .		
	17	56.39	11634	1.06	61552	5 6 .		
	15	63.57	13124	0.94	61552	6 3 .		

NOTE

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

30.0 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 Size
4 POLE							
183	8.03	1500	1.71	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 3 0 . A - -	426	200L
152	9.68	1809	1.71	34000	1 0 .		
133	11.06	2067	1.45	34000	1 1 .		
119	12.4	2315	1.35	34000	1 2 .		
110	13.33	2489	1.45	34000	1 4 .		
98	14.94	2789	1.35	34000	1 6 .		
82	17.93	3365	1.03	34000	1 8 .		
73	20.03	3749	0.95	34000	2 0 .		
68	21.61	4039	1.03	34000	2 2 .		
61	24.14	4513	0.93	34000	2 5 .		
178	8.26	1547	2.64	35565	K 1 0 3 1 8 . 0 _ M _ - _ _ 3 0 . A - -	550	200L
148	9.95	1861	2.64	35565	1 0 .		
127	11.54	2168	2.64	35565	1 1 .		
117	12.55	2355	2.62	35565	1 2 .		
106	13.89	2603	2.64	35565	1 4 .		
97	15.11	2833	2.54	35556	1 6 .		
79	18.57	3489	2.02	35556	1 8 .		
73	20.05	3763	1.9	35550	2 0 .		
66	22.35	4188	1.72	35550	2 2 .		
61	24.13	4517	1.59	35550	2 5 .		
50	29.24	5497	1.31	35550	2 8 .		
44	33.1	6221	1.16	35528	3 2 .		
42	35.19	6607	1.09	35528	3 6 .		
37	39.84	7465	0.96	35500	4 0 .		
32	45.37	8510	0.84	35500	4 5 .		
173	8.51	1596	3.17	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 3 0 . A - -	685	200L
143	10.26	1918	3.17	61700	1 0 .		
125	11.8	2214	3.17	61700	1 1 .		
113	12.96	2435	3.17	61700	1 2 .		
103	14.21	2662	3.17	61700	1 4 .		
94	15.61	2927	3.17	61700	1 6 .		
81	18.2	3407	3.17	61700	1 8 .		
73	20.17	3787	3.12	61700	2 0 .		
67	21.93	4112	2.99	61700	2 2 .		
61	24.29	4555	2.7	61311	2 5 .		
51	28.99	5449	2.22	61311	2 8 .		
45	32.83	6173	1.96	60875	3 2 .		
42	34.93	6534	1.88	60318	3 6 .		
37	39.55	7413	1.66	60318	4 0 .		
31	46.81	8776	1.38	59900	4 5 .		
28	52.76	9891	1.22	59900	5 0 .		
26	56.39	10519	1.17	59324	5 6 .		
23	63.57	11856	1.04	59324	6 3 .		
20	74.62	13932	0.87	58400	7 1 .		
6 POLE							
122	8.03	2262	1.29	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 3 0 . C - -	520	225M
101	9.68	2721	1.29	34000	1 0 .		
89	11.06	3111	1.04	34000	1 1 .		
79	12.4	3491	0.96	34000	1 2 .		
74	13.33	3745	1.04	34000	1 4 .		
66	14.94	4199	0.96	34000	1 6 .		
119	8.26	2326	1.76	35300	K 1 0 3 1 8 . 0 _ M _ - _ _ 3 0 . C - -	644	225M
99	9.95	2791	1.76	35300	1 0 .		
85	11.54	3250	1.76	35300	1 1 .		
78	12.55	3540	1.76	35300	1 2 .		
71	13.89	3908	1.76	35300	1 4 .		
65	15.11	4251	1.69	35300	1 6 .		
53	18.57	5243	1.37	35300	1 8 .		
49	20.05	5649	1.27	35300	2 0 .		
44	22.35	6288	1.14	35300	2 2 .		
41	24.13	6794	1.06	35300	2 5 .		
34	29.24	8253	0.87	35300	2 8 .		
115	8.51	2394	2.11	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 3 0 . C - -	779	225M
96	10.26	2877	2.11	61700	1 0 .		
83	11.8	3322	2.11	61700	1 1 .		
76	12.96	3653	2.11	61700	1 2 .		
69	14.21	3994	2.11	61700	1 4 .		
63	15.61	4391	2.11	61668	1 6 .		
54	18.2	5110	2.11	61636	1 8 .		
49	20.17	5678	2.11	61605	2 0 .		
45	21.93	6168	1.99	61605	2 2 .		
40	24.29	6833	1.8	61605	2 5 .		
34	28.99	8174	1.48	61587	2 8 .		
30	32.83	9260	1.31	61587	3 2 .		
28	34.93	9822	1.25	61570	3 6 .		
25	39.55	11122	1.11	61570	4 0 .		
21	46.81	13170	0.92	61532	4 5 .		
19	52.76	14816	0.82	61520	5 0 .		

NOTE

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

37.0 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 Size
4 POLE							
184	8.03	1843	1.39	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 3 7 . A - -	485	225S
152	9.68	2223	1.39	34000	1 0 .		
133	11.06	2541	1.18	34000	1 1 .		
119	12.4	2846	1.1	34000	1 2 .		
111	13.33	3059	1.18	34000	1 4 .		
99	14.94	3428	1.1	34000	1 6 .		
82	17.93	4136	0.84	34000	1 8 .		
68	21.61	4965	0.84	34000	2 2 .		
179	8.26	1902	2.15	35534	K 1 0 3 1 8 . 0 _ M _ - _ _ 3 7 . A - -	609	225S
148	9.95	2288	2.15	35534	1 0 .		
128	11.54	2665	2.15	35534	1 1 .		
118	12.55	2895	2.13	35534	1 2 .		
106	13.89	3200	2.15	35534	1 4 .		
98	15.11	3482	2.06	35530	1 6 .		
79	18.57	4289	1.64	35530	1 8 .		
74	20.05	4625	1.55	35526	2 0 .		
66	22.35	5148	1.4	35526	2 2 .		
61	24.13	5552	1.29	35526	2 5 .		
50	29.24	6757	1.06	35526	2 8 .		
45	33.1	7646	0.94	35500	3 2 .		
42	35.19	8121	0.89	35500	3 6 .		
173	8.51	1962	2.58	61245	K 1 2 3 1 8 . 0 _ M _ - _ _ 3 7 . A - -	744	225S
144	10.26	2357	2.58	61326	1 0 .		
125	11.8	2722	2.58	61175	1 1 .		
114	12.96	2993	2.58	61186	1 2 .		
104	14.21	3272	2.58	61350	1 4 .		
94	15.61	3598	2.58	61373	1 6 .		
81	18.2	4187	2.58	61198	1 8 .		
73	20.17	4655	2.53	61151	2 0 .		
67	21.93	5055	2.43	61315	2 2 .		
61	24.29	5599	2.2	60972	2 5 .		
51	28.99	6698	1.81	60972	2 8 .		
45	32.83	7588	1.59	60490	3 2 .		
42	34.93	8032	1.53	59781	3 6 .		
37	39.55	9111	1.35	59781	4 0 .		
32	46.81	10787	1.12	59200	4 5 .		
28	52.76	12157	1	59200	5 0 .		
26	56.39	12930	0.95	58400	5 6 .		
23	63.57	14572	0.84	58400	6 3 .		
6 POLE							
115	8.51	2953	1.71	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 3 7 . C - -	856	250M
96	10.26	3548	1.71	61700	1 0 .		
83	11.8	4097	1.71	61700	1 1 .		
76	12.96	4505	1.71	61700	1 2 .		
69	14.21	4926	1.71	61700	1 4 .		
63	15.61	5416	1.71	61649	1 6 .		
54	18.2	6303	1.71	61598	1 8 .		
49	20.17	7003	1.71	61547	2 0 .		
45	21.93	7607	1.62	61547	2 2 .		
40	24.29	8427	1.46	61547	2 5 .		
34	28.99	10081	1.2	61535	2 8 .		
30	32.83	11420	1.06	61535	3 2 .		
28	34.93	12114	1.02	61522	3 6 .		
25	39.55	13717	0.9	61522	4 0 .		

NOTE

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

45.0 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 Size
4 POLE							
184	8.03	2242	1.15	34000	K 0 9 3 1 8 . 0 _ M _ - _ _ 4 5 . A - -	520	225M
152	9.68	2704	1.15	34000	1 0 .		
133	11.06	3090	0.97	34000	1 1 .		
119	12.4	3461	0.9	34000	1 2 .		
111	13.33	3720	0.97	34000	1 4 .		
99	14.94	4169	0.9	34000	1 6 .		
179	8.26	2313	1.77	35500	K 1 0 3 1 8 . 0 _ M _ - _ _ 4 5 . A - -	644	225M
148	9.95	2783	1.77	35500	1 0 .		
128	11.54	3241	1.77	35500	1 1 .		
118	12.55	3521	1.75	35500	1 2 .		
106	13.89	3891	1.77	35500	1 4 .		
98	15.11	4235	1.7	35500	1 6 .		
79	18.57	5216	1.35	35500	1 8 .		
74	20.05	5625	1.27	35500	2 0 .		
66	22.35	6261	1.15	35500	2 2 .		
61	24.13	6752	1.06	35500	2 5 .		
50	29.24	8218	0.87	35500	2 8 .		
173	8.51	2386	2.12	60725	K 1 2 3 1 8 . 0 _ M _ - _ _ 4 5 . A - -	779	225M
144	10.26	2867	2.12	60900	1 0 .		
125	11.8	3310	2.12	60575	1 1 .		
114	12.96	3640	2.12	60600	1 2 .		
104	14.21	3980	2.12	60950	1 4 .		
94	15.61	4376	2.12	61000	1 6 .		
81	18.2	5093	2.12	60625	1 8 .		
73	20.17	5661	2.08	60525	2 0 .		
67	21.93	6148	2	60875	2 2 .		
61	24.29	6809	1.81	60583	2 5 .		
51	28.99	8147	1.49	60583	2 8 .		
45	32.83	9228	1.31	60050	3 2 .		
42	34.93	9768	1.26	59167	3 6 .		
37	39.55	11081	1.11	59167	4 0 .		
32	46.81	13119	0.92	58400	4 5 .		
28	52.76	14786	0.82	58400	5 0 .		
6 POLE							
115	8.51	3591	1.41	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 4 5 . C - -	981	280S
96	10.26	4315	1.41	61700	1 0 .		
83	11.8	4983	1.41	61700	1 1 .		
76	12.96	5480	1.41	61700	1 2 .		
69	14.21	5991	1.41	61700	1 4 .		
63	15.61	6587	1.41	61627	1 6 .		
54	18.2	7666	1.41	61554	1 8 .		
49	20.17	8518	1.41	61482	2 0 .		
45	21.93	9252	1.33	61482	2 2 .		
40	24.29	10249	1.2	61482	2 5 .		
34	28.99	12261	0.99	61475	2 8 .		
30	32.83	13890	0.87	61475	3 2 .		
28	34.93	14733	0.83	61468	3 6 .		

NOTE

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

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 Size
4 POLE							
173	8.51	2916	1.73	60075	K 1 2 3 1 8 . 0 _ M _ - _ _ 5 5 . A - -	856	250M
144	10.26	3504	1.73	60366	1 0 .		
125	11.8	4046	1.73	59825	1 1 .		
114	12.96	4449	1.73	59866	1 2 .		
104	14.21	4864	1.73	60450	1 4 .		
94	15.61	5349	1.73	60533	1 6 .		
81	18.2	6225	1.73	59908	1 8 .		
73	20.17	6919	1.71	59741	2 0 .		
67	21.93	7514	1.64	60325	2 2 .		
61	24.29	8323	1.48	60098	2 5 .		
51	28.99	9957	1.22	60098	2 8 .		
45	32.83	11279	1.07	59500	3 2 .		
42	34.93	11939	1.03	58400	3 6 .		
37	39.55	13544	0.91	58400	4 0 .		
6 POLE							
115	8.51	4390	1.15	61700	K 1 2 3 1 8 . 0 _ M _ - _ _ 5 5 . C - -	1071	280M
96	10.26	5274	1.15	61700	1 0 .		
83	11.8	6090	1.15	61700	1 1 .		
76	12.96	6697	1.15	61700	1 2 .		
69	14.21	7322	1.15	61700	1 4 .		
63	15.61	8051	1.15	61600	1 6 .		
54	18.2	9370	1.15	61500	1 8 .		
49	20.17	10411	1.15	61400	2 0 .		
45	21.93	11308	1.09	61400	2 2 .		
40	24.29	12527	0.98	61400	2 5 .		
34	28.99	14986	0.81	61400	2 8 .		

NOTE

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

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 Size
174	8.51	3950	1.28	58775	K 1 2 31 8 . 0 _ M _ - _ _ 7 5 . A - -	981	280S
145	10.26	4746	1.28	59300	1 0 .		
126	11.8	5480	1.28	58325	1 1 .		
115	12.96	6027	1.28	58400	1 2 .		
104	14.21	6589	1.28	59450	1 4 .		
95	15.61	7245	1.28	59600	1 6 .		
82	18.2	8431	1.28	58475	1 8 .		
74	20.17	9372	1.26	58175	2 0 .		
68	21.93	10178	1.21	59225	2 2 .		
61	24.29	11273	1.09	59127	2 5 .		
51	28.99	13487	0.9	59127	2 8 .		

90.0 kW

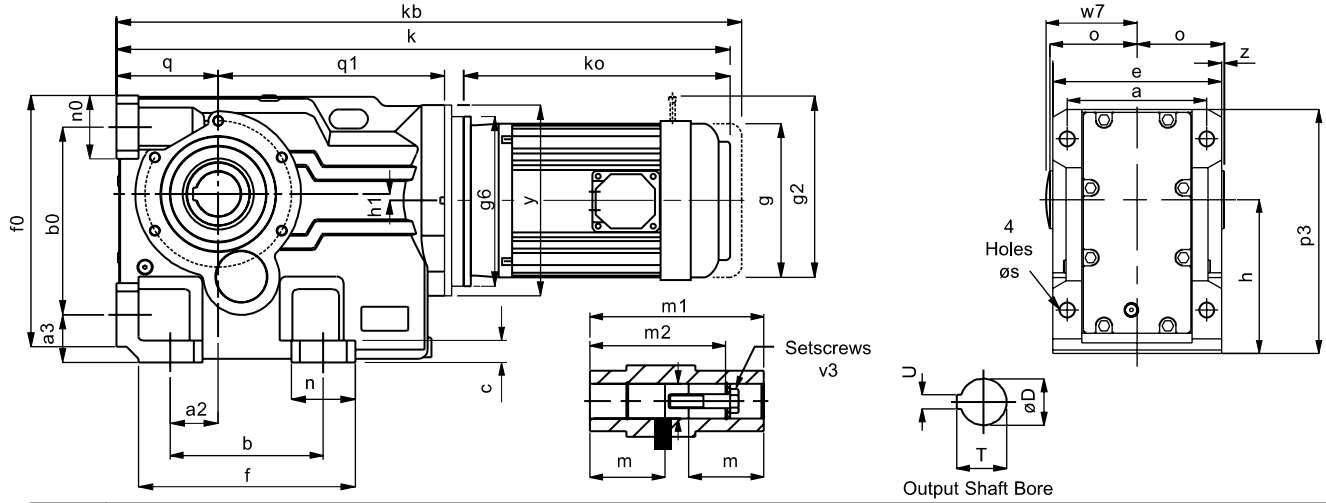
4 POLE

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 Size
174	8.51	4740	1.07	57800	K 1 2 3 1 8 . 0 _ M _ - _ _ 9 0 . A - -	1071	280M
145	10.26	5696	1.07	58500	1 0 .		
126	11.8	6576	1.07	57200	1 1 .		
115	12.96	7232	1.07	57300	1 2 .		
104	14.21	7907	1.07	58700	1 4 .		
95	15.61	8694	1.07	58900	1 6 .		
82	18.2	10118	1.07	57400	1 8 .		
74	20.17	11246	1.05	57000	2 0 .		
68	21.93	12213	1.01	58400	2 2 .		
61	24.29	13528	0.91	58400	2 5 .		

NOTE

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

SERIES K
DIMENSIONS
TRIPLE REDUCTION



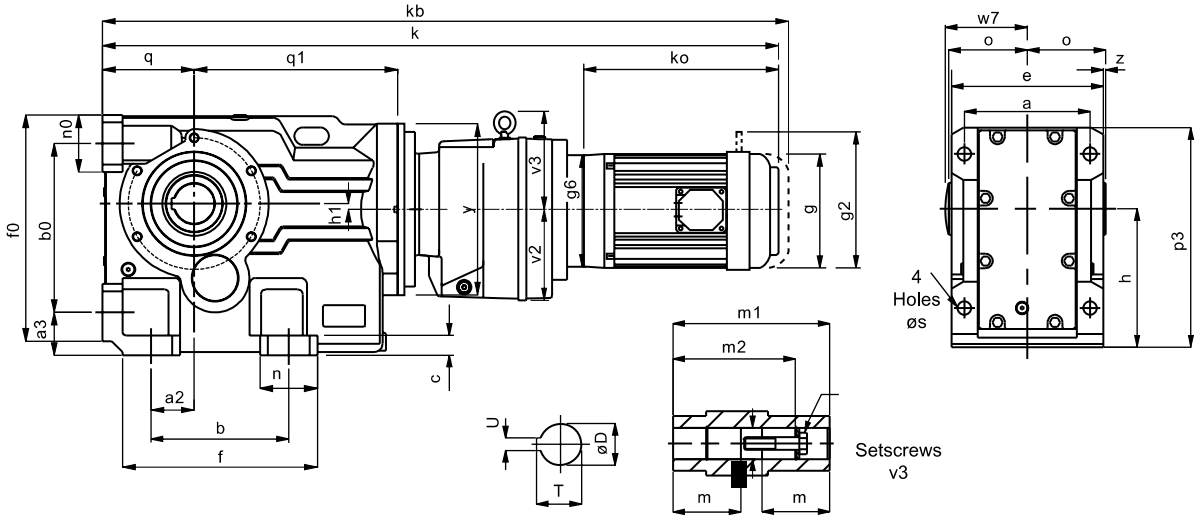
SIZE	a	a2	a3	b	b0	c	e	f	f0	h	h1	n	n0	o	p3
K0332	100	28	32	110	115	11	120	143	152	100	16	38	38	60	167
K0432	120	35	37	130	130	16	145	168	171	112	13	38	40	75	187
K0532	130	30	45	130	150	15	157	170	192	132	5	40	40	83	217
K0632	140	30	45	120	160	20	170	176	208	140	13	55	48	90	233
K0732	165	40	55	150	200	27	200	210	263	180	25	60	55	105	288
K0832	180	55	70	180	233	30	230	256	309	212	15	76	76	120	341
K0931	240	75	75	240	295	35	290	340	395	265	10	100	100	150	420
K1031	270	95	95	280	360	40	340	390	455	315	41	110	115	175	513
K1231	330	115	110	350	420	45	400	470	540	375	65	120	120	205	590

SIZE	q	q1	s	w7	y	z	Hollow Output Bore							
							D	m	m1	m2	m3	T	U	v3
K0332	63	159	11	63	140	0	30	52.5	120	105	30.3	33.5	8	M10x50L
K0432	71	179	11	78	140	2.5	35	66	150	132	35.3	38.5	10	M12x55L
K0532	80	219	14	87	180	4.5	40	73	166	142	40.3	43.5	12	M16x70L
K0632	90	229	14	94	180	5	40	80	180	156	40.3	43.5	12	M16x70L
K0732	112	265	18	109	212	5	50	92.5	210	183	50.5	54	14	M16x70L
K0832	132	330	23	124	250	5	60	105	240	210	60.5	64.5	18	M20x80L
K0931	160	355	27	154	300	5	70	132.5	300	270	70.5	75	20	M20x80L
K1031	200	423	34	180	360	5	80	155	350	313	80.5	85.5	22	M20x80L
K1231	225	476	39	210	400	5	100	180	410	373	100.5	106.5	28	M24x110L

Motor Frame Size	All Sizes					K0332		K0432		K0532		K0632		K0732		K0832		K0931		K1031		K1231	
	Ko*	g	g1	g2**	g6	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*
63	218	122	96	160	140	453	498	481	526	529	574	549	594										
71	221	138	102	167	105	460	504	488	532	538	582	558	602										
80	239	157	124.5	190	120	493	545	521	573	556	608	576	628	640	692	748	800	812	864				
90S	260	177	133	218	140	524	576	552	604	587	639	607	659	671	723	769	821	833	885				
90L	275	177	133	218	140	539	591	567	619	602	654	622	674	686	738	784	836	848	900				
100L	310	197	144	238	160	582	642	610	670	680	740	700	760	744	804	825	885	889	949	980	1040	1106	1166
112M	325	219	155	238	160	597	671	625	699	695	769	715	789	759	833	840	914	904	978	995	1069	1121	1195
132S	391.5	235	172	288	200					764	847	784	867	828	911	907	990	971	1054	1062	1145	1188	1271
132M	411.5	235	172	288	200					784	867	804	887	848	931	927	1010	991	1074	1082	1165	1208	1291
160M	455	273	282	323	350									921	1004	1000	1083	1069	1152	1160	1243	1244	1327
160L	500	273	282	323	350									966	1049	1045	1128	1114	1197	1205	1288	1289	1372
180M	557	382	307		350													1171		1262		1346	
180L	595	382	307		350													1209		1300		1384	
200L	658	420	372		400													1272		1363		1447	
225S	671	458	427		450													1312		1403		1487	
225M	703	458	427		450													1344		1435		1519	
250M	771	510	490		550																	1759	
280S	837	576	520		550																	1825	
280M	888	576	520		550																	1876	

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

kb - for brake motor
g2 - hand released if required



Output Shaft Bore

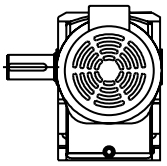
SIZE	a	a2	a3	b	b0	c	e	f	f0	h	h1	n	n0	o	p3	q
K0652	140	30	45	120	160	20	170	176	208	140	13	55	48	90	233	90
K0752	165	40	55	150	200	27	200	210	263	180	25	60	55	105	288	112
K0852	180	55	70	180	233	30	230	256	309	212	15	76	76	120	341	132
K0951	240	75	75	240	295	35	290	340	395	265	10	100	100	150	420	160
K1051	270	95	95	280	360	40	340	390	455	315	41	110	115	175	513	200
K1251	330	115	110	350	420	45	400	470	540	375	65	120	120	205	590	225

SIZE	q1	s	v2	v3	w7	y	z	Hollow Output Bore							
								D	m	m1	m2	m3	T	U	v3
K0652	229	14	95	-	94	180	5	40	80	180	156	40.3	43.5	12	M16x70L
K0752	265	18	95	-	109	212	5	50	92.5	210	183	50.5	54	14	M16x70L
K0852	330	23	113	-	124	250	5	60	105	240	210	60.5	64.5	18	M20x80L
K0951	355	27	113	-	154	300	5	70	132.5	300	270	70.5	75	20	M20x80L
K1051	423	34	138	-	180	360	5	80	155	350	313	80.5	85.5	22	M20x80L
K1251	476	39	187	173	210	400	5	100	180	410	373	100.5	106.5	28	M24x110L

	ALL SIZES OF MOTOR					K0652		K0752		K0852		K0951		K1051		K1251	
	Ko*	g	g1	g2**	g6	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K*	Kb*	K	Kb*
63	218	122	96	160	140	734	779	798	843	943	988	1007	1052				
71	221	138	102	167	105	741	785	805	849	952	996	1016	1060				
80	239	157	124.5	190	120	774	826	838	890	970	1022	1034	1086	1178	1230	1371	1423
90S	260	177	133	218	140	805	857	869	921	1001	1053	1065	1117	1209	1261	1392	1444
90L	275	177	133	218	140	820	872	884	936	1016	1068	1080	1132	1224	1276	1407	1459
100L	310	197	144	238	160	863	923	927	987	1094	1154	1158	1218	1282	1342	1448	1508
112M	325	219	155	238	160	878	952	942	1016	1109	1183	1173	1247	1297	1371	1463	1537
132S	391.5	235	172	288	200					1178	1261	1242	1325	1366	1449	1530	1613
132M	411.5	235	172	288	200					1198	1281	1262	1345	1386	1469	1550	1633
160M	455	273	282	323	350									1459	1542	1623	1706
160L	500	273	282	323	350									1504	1587	1668	1751

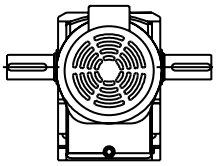
* Dimension k, kb, ko, g, g1 and g2 may vary as per make of motor

kb - for brake motor
g2 - hand released if required



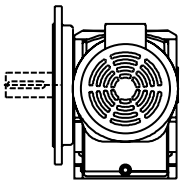
Single Extended Outputshaft

See Page 92



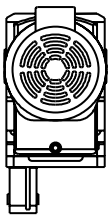
Double Extended Outputshaft

See Page 92



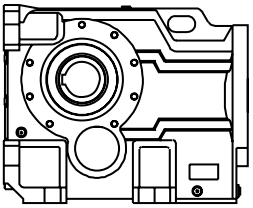
B5 (D) Flange Mounting

See Page 94



Torque Bracket

See Page 93



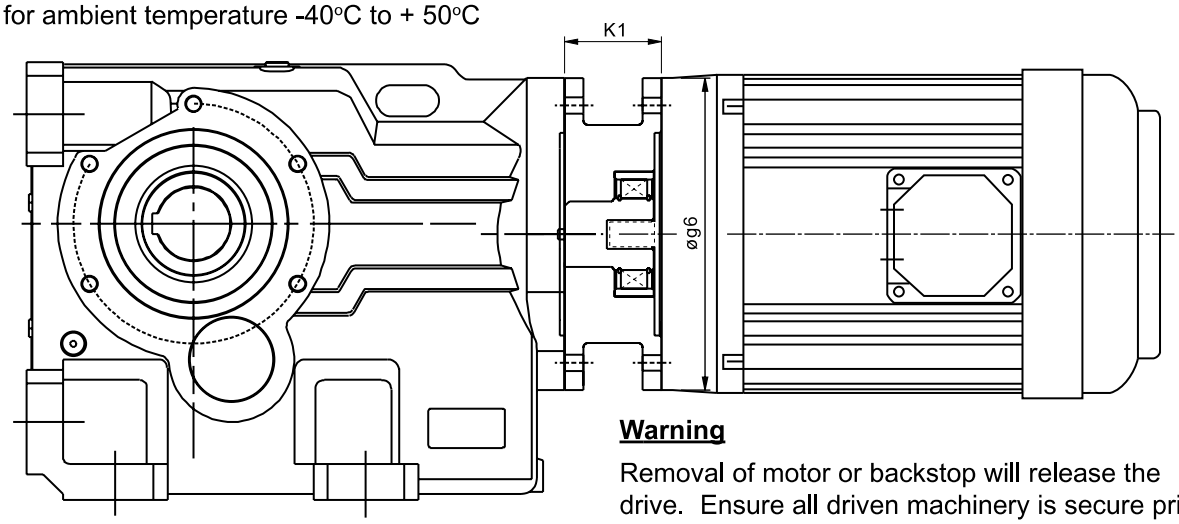
B14 (C) Flange Mounting

See Page 95

SERIES K
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



Warning

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

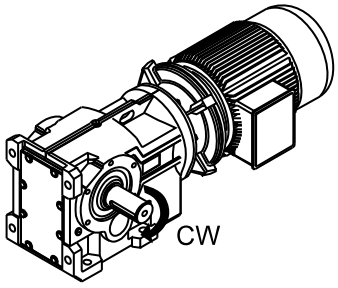
IEC B5 FLANGE

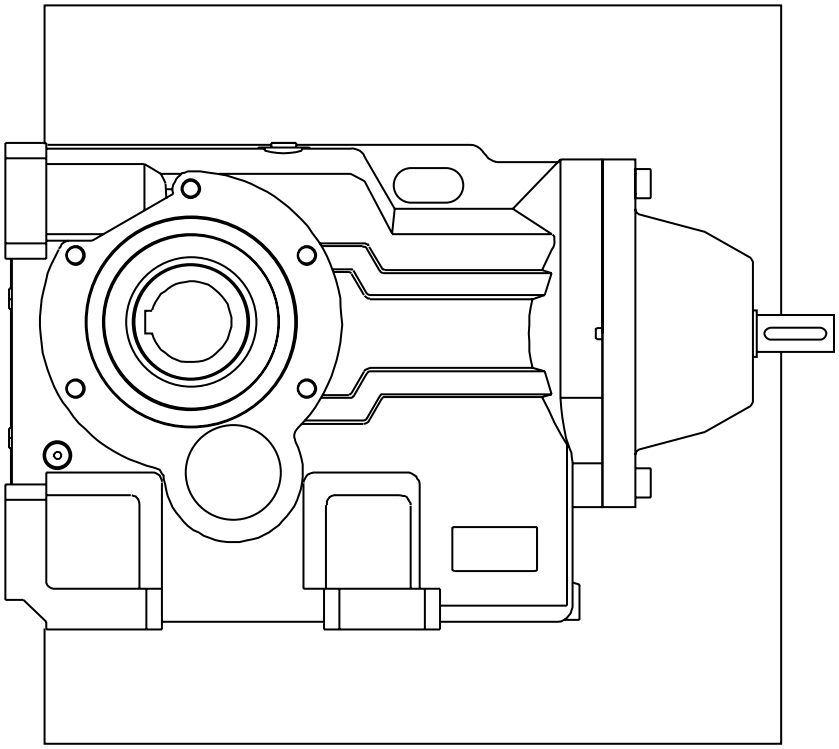
Motor Frame Size	Lift off Speed ('n' min) (rev/min)	Rated Locking Torque ('T max') (at motor) (Nm)	øg6	K1
100	670	170	250	70
112	670	170	250	70
132	620	940	300	95
160	620	940	350	130
180	620	940	350	130
200	550	1260	400	130

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

outputshaft end (as shown in the diagram) see page 16 for column 20 entry

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





REDUCER

SERIES K

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 Ltd. 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)

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

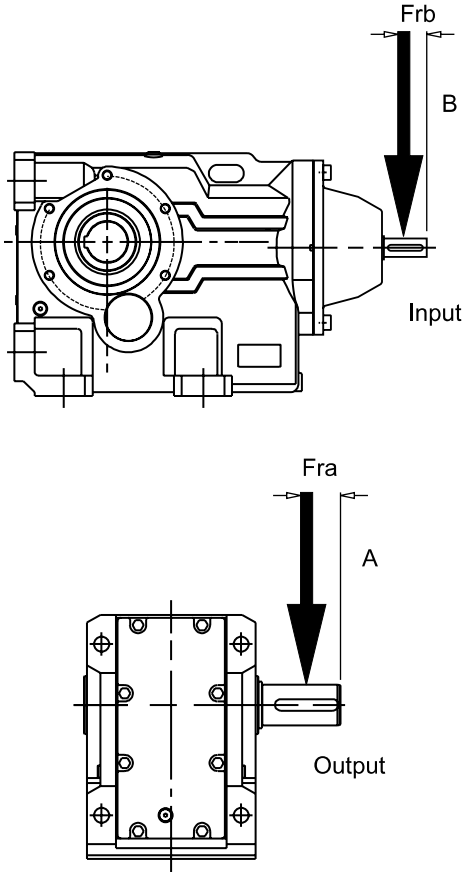
where

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

Note: 1 Newton = 0.101972 kg

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 strand is further than dimension A output or B input, refer to Power Build Ltd.



Distance midway along the shaft extension

Size of unit	No. of Reductions	Dimension A (mm)	Dimension B (mm)
K03	3	23.5	20
K04	3	28	20
K05	3	33	20
K06	3	38	20
	5	38	20
K07	3	47.5	25
	5	47.5	20
K08	3	50	30
	5	50	20
K09	3	55	40
	5	55	20
K10	3	70	55
	5	70	25
K12	3	90	55
	5	90	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 Ltd.

OVERHUNG & AXIAL LOADS (NEWTONS) ON SHAFTS

Inputshaft Overhung Loads, Frb (Kn) 1450 rpm

Three and Five Stage Units

	K03	K04	K05	K06	K07	K08	K09	K10	K12
3 Stage	1.50	1.50	1.25	1.05	2.1	3.1	3.5	4.5	12.0
5 Stage	-	-	-	1.50	1.50	1.50	1.50	1.80	1.80

For output overhung load Fra consult ratings tables pages 18 to 71

Axial Thrust Capacities (Newtons)

No check or calculation is required for axial loads (F_A) towards or away from the unit up to 50% of the permissible overhung load. If the axial thrust considerably exceeds these values or if there is a combination of axial thrust loads and overhung loads please contact Power Build Ltd.

SERIES K

TRIPLE REDUCTION RATINGS
SIZES K03 - K05

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

TRIPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0332					K0432					K0532				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
8 . 0	2900	348	8.328	118	4.49	2.88	360	8.054	215	8.48	3.23	358	8.112	323	12.7	2.33
	1450	174		137	2.6	3.46	180		256	5.02	3.67	179		394	7.66	2.65
	960	115		150	1.87	4.04	119		279	3.61	4.33	118		429	5.5	3.20
	725	87		159	1.5	4.49	90		296	2.88	4.84	89		451	4.37	3.66
1 1 .	2900	258	11.25	135	3.78	3.02	257	11.296	255	7.16	3.33	254	11.405	381	10.6	2.35
	1450	129		155	2.17	3.71	128		294	4.1	3.93	127		448	6.19	2.84
	960	85		170	1.57	4.34	85		320	2.95	4.65	84		484	4.42	3.45
	725	64		179	1.25	4.83	64		338	2.35	5.13	64		511	3.52	3.94
1 2 .	2900	227	12.796	141	3.47	3.15	233	12.448	265	6.73	3.44	227	12.783	401	9.93	2.37
	1450	113		163	2	3.97	116		305	3.86	4.20	113		466	5.74	3.04
	960	75		177	1.44	4.65	77		331	2.77	4.97	75		503	4.09	3.69
	725	57		187	1.14	5.17	58		349	2.2	5.42	57		531	3.26	4.23
1 4 .	2900	200	14.497	147	3.21	3.29	205	14.135	277	6.19	3.54	202	14.349	421	9.29	2.38
	1450	100		171	1.85	4.22	103		319	3.55	4.46	101		485	5.32	3.23
	960	66		185	1.33	4.95	68		346	2.54	5.28	67		522	3.78	3.94
	725	50		195	1.06	5.50	51		364	2.02	5.71	51		551	3.01	4.51
1 8 .	2900	156	18.54	159	2.71	3.42	162	17.953	299	5.27	3.64	159	18.222	454	7.88	2.40
	1450	78		184	1.56	4.47	81		344	3.02	4.72	80		519	4.48	3.42
	960	52		200	1.12	5.25	53		372	2.16	5.60	53		561	3.2	4.18
	725	39		210	0.89	5.84	40		382	1.67	6.00	40		592	2.55	4.79
2 0 .	2900	145	19.98	163	2.57	3.61	142	20.396	312	4.83	3.84	140	20.657	471	7.21	2.57
	1450	73		189	1.48	4.72	71		358	2.76	4.99	70		537	4.09	3.65
	960	48		204	1.06	5.55	47		387	1.98	5.80	46		581	2.92	4.46
	725	36		217	0.85	6.00	36		400	1.54	6.00	35		613	2.33	5.18
2 5 .	2900	115	25.225	175	2.19	3.80	116	25.031	332	4.19	4.04	118	24.636	495	6.35	2.73
	1450	57		201	1.25	4.97	58		380	2.39	5.26	59		563	3.6	3.89
	960	38		218	0.9	5.84	38		411	1.71	6.00	39		609	2.57	4.74
	725	29		225	0.7	6.00	29		438	1.37	6.00	29		644	2.05	5.56
2 8 .	2900	101	28.597	182	2.01	3.98	104	27.762	342	3.89	4.24	102	28.367	514	5.73	2.90
	1450	51		208	1.14	5.22	52		391	2.22	5.52	51		584	3.24	4.12
	960	34		225	0.82	6.00	35		423	1.59	6.00	34		632	2.32	5.02
	725	25		225	0.62	6.00	26		430	1.22	6.00	26		659	1.82	5.95
3 2 .	2900	89	32.679	189	1.82	4.17	92	31.539	354	3.55	4.44	88	32.993	532	5.09	3.06
	1450	44		215	1.04	5.47	46		404	2.02	5.79	44		607	2.9	4.35
	960	29		225	0.71	6.00	30		435	1.44	6.00	29		658	2.08	5.30
	725	22		225	0.54	6.00	23		435	1.09	6.00	22		659	1.57	6.33
3 6 .	2900	80	36.352	194	1.69	3.42	81	35.834	375	3.31	3.42	79	36.913	559	4.79	3.13
	1450	40		221	0.96	5.74	40		428	1.89	6.00	39		638	2.72	4.42
	960	26		225	0.64	6.00	27		441	1.29	6.00	26		659	1.86	5.68
	725	20		225	0.49	6.00	20		441	0.97	6.00	20		659	1.4	6.76
4 0 .	2900	72	40.078	198	1.56	3.80	73	39.461	375	3	3.99	74	39.343	555	4.46	3.37
	1450	36		225	0.88	6.00	37		428	1.71	6.00	37		634	2.53	4.83
	960	24		225	0.58	6.00	24		441	1.17	6.00	24		659	1.74	6.06
	725	18		225	0.44	6.00	18		441	0.88	6.00	18		659	1.32	7.02
4 5 .	2900	66	44.107	203	1.45	4.19	64	45.39	388	2.7	4.56	62	46.627	578	3.91	3.61
	1450	33		225	0.8	6.00	32		441	1.53	6.00	31		658	2.22	5.24
	960	22		225	0.53	6.00	21		441	1.01	6.00	21		659	1.47	6.43
	725	16		225	0.4	6.00	16		441	0.77	6.00	16		659	1.11	7.50
5 0 .	2900	56	51.676	211	1.29	4.57	59	49.347	395	2.53	5.12	58	49.784	586	3.72	3.85
	1450	28		225	0.69	6.00	29		441	1.41	6.00	29		658	2.08	5.64
	960	19		225	0.45	6.00	19		441	0.93	6.00	19		659	1.38	6.81
	725	14		225	0.34	6.00	15		441	0.7	6.00	15		659	1.04	7.50
6 3 .	2900	47	61.997	219	1.12	4.95	49	59.241	412	2.2	5.69	47	61.777	615	3.15	4.09
	1450	23		225	0.57	6.00	24		441	1.18	6.00	23		659	1.68	6.05
	960	15		225	0.38	6.00	16		441	0.78	6.00	16		659	1.11	7.16
	725	12		225	0.29	6.00	12		441	0.59	6.00	12		659	0.84	7.50
7 1 .	2900	40	72.268	225	0.98	5.64	41	71.089	429	1.91	6.00	40	72.848	638	2.77	4.37
	1450	20		225	0.49	6.00	20		431	0.96	6.00	20		659	1.43	6.55
	960	13		225	0.32	6.00	14		431	0.64	6.00	13		659	0.94	7.50
	725	10		225	0.25	6.00	10		431	0.48	6.00	10		659	0.71	7.50
8 0 .	2900	36	80.298	225	0.89	6.00	36	80.1	433	1.72	6.00	36	79.767	650	2.58	4.66
	1450	18		225	0.44	6.00	18		433	0.86	6.00	18		659	1.31	7.04
	960	12		225	0.29	6.00	12		434	0.57	6.00	12		659	0.86	7.50
	725	9		225	0.22	6.00	9		434	0.43	6.00	9		659	0.65	7.50
1 0 0	2900	30	96.696	185	0.61	6.00	31	93.116	400	1.36	6.00	30	97.757	658	2.14	4.94
	1450	15		186	0.3	6.00	16		410	0.7	6.00	15		659	1.07	7.50
	960	10		186	0.2	6.00	10		425	0.48	6.00	10		659	0.71	7.50
	725	7		186	0.15	6.00	8		435	0.37	6.00	7		659	0.53	7.50
1 1 2	2900	26	110.833	159	0.46	6.00	27	105.688	409	1.23	6.00	27	108.958	659	1.92	5.22
	1450	13		159	0.23	6.00	14		419	0.63	6.00	13		659	0.96	7.50
	960	9		159	0.15	6.00	9		434	0.43	6.00	9		659	0.63	7.50
	725	7		159	0.11	6.00	7		441	0.33	6.00	7		659	0.48	7.50
1 2 5	2900	23	125.96	157	0.4	6.00	24	120.15	441	1.17	6.00	24	122.196	607	1.58	6.41
	1450	12		157	0.2	6.00	12		441	0.58	6.00	12		608	0.79	7.50
	960	8		157	0.13	6.00	8		441	0.39	6.00	8		608	0.52	7.50
	725	6		157	0.1	6.00	6		441	0.29	6.00	6		608	0.4	7.50

SERIES K

TRIPLE REDUCTION RATINGS
SIZES K06 - K08

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

TRIPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0632					K0732					K0832				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
8 . 0	2900	364	7.961	459	18.3	3.55	337	8.595	705	26.1	4.10	357	8.128	1050	41.3	6.00
	1450	182		559	11.1	3.92	169		709	13.1	6.00	178		1060	20.7	6.00
	960	121		608	7.95	4.71	112		711	8.65	7.40	118		1060	13.7	6.00
	725	91		640	6.31	5.27	84		712	6.53	8.50	89		1060	10.3	6.00
1 1 .	2900	259	11.192	545	15.4	3.56	244	11.906	968	25.8	4.12	252	11.522	1500	41.3	6.00
	1450	130		641	9.01	4.20	122		985	13.1	6.02	126		1500	20.7	6.00
	960	86		693	6.43	5.05	81		987	8.65	7.42	83		1510	13.7	6.00
	725	65		731	5.12	5.73	61		988	6.53	8.53	63		1510	10.3	6.00
1 2 .	2900	231	12.545	574	14.5	3.57	217	13.374	1020	24.2	4.13	227	12.8	1660	41.3	6.00
	1450	116		669	8.38	4.47	108		1110	13.1	6.04	113		1670	20.7	6.00
	960	77		721	5.98	5.40	72		1110	8.65	7.44	75		1680	13.7	6.00
	725	58		761	4.76	6.20	54		1110	6.53	8.55	57		1680	10.3	6.00
1 4 .	2900	206	14.081	605	13.6	3.57	197	14.705	1070	23.1	4.15	204	14.238	1840	41.1	6.00
	1450	103		696	7.77	4.75	99		1220	13.1	6.06	102		1860	20.7	6.00
	960	68		750	5.54	5.74	65		1220	8.65	7.46	67		1860	13.7	6.41
	725	51		791	4.41	6.66	49		1220	6.53	8.58	51		1870	10.3	6.81
1 8 .	2900	162	17.882	655	11.6	3.58	151	19.208	1190	19.6	4.16	158	18.41	2010	34.7	6.00
	1450	81		748	6.58	5.02	75		1350	11.1	6.08	79		2300	19.7	6.00
	960	54		809	4.7	6.08	50		1460	7.93	7.48	52		2410	13.7	6.81
	725	41		827	3.63	7.12	38		1540	6.32	8.60	39		2410	10.3	8.46
2 0 .	2900	143	20.272	681	10.6	3.82	133	21.838	1240	17.9	4.43	140	20.668	2060	31.6	6.00
	1450	72		777	6.02	5.44	66		1400	10.1	6.46	70		2350	17.9	6.40
	960	47		826	4.24	6.56	44		1520	7.25	7.99	46		2590	13.1	7.43
	725	36		827	3.2	7.56	33		1600	5.77	9.30	35		2700	10.3	9.20
2 5 .	2900	120	24.177	718	9.36	4.05	109	26.518	1320	15.7	4.70	114	25.345	2140	26.7	6.00
	1450	60		817	5.31	5.85	55		1490	8.85	6.83	57		2440	15.2	6.79
	960	40		827	3.55	7.04	36		1610	6.33	8.50	38		2700	11.1	8.06
	725	30		827	2.68	8.00	27		1670	4.96	10.0	29		2700	8.39	9.93
2 8 .	2900	104	27.838	747	8.46	4.29	99	29.17	1350	14.7	4.96	102	28.56	2190	24.3	6.00
	1450	52		826	4.67	6.27	50		1530	8.26	7.21	51		2530	14	6.81
	960	34		827	3.09	7.52	33		1650	5.91	9.00	34		2700	9.87	8.68
	725	26		827	2.33	8.00	25		1670	4.51	10.7	25		2700	7.45	10.7
3 2 .	2900	90	32.378	774	7.54	4.52	87	33.519	1390	13.2	5.23	87	33.244	2250	21.5	6.00
	1450	45		826	4.02	6.68	43		1580	7.44	7.58	44		2640	12.6	7.58
	960	30		827	2.66	8.00	29		1670	5.2	9.51	29		2700	8.48	9.30
	725	22		827	2.01	8.00	22		1670	3.92	11.4	22		2700	6.4	11.4
3 6 .	2900	80	36.225	805	7.02	4.68	76	38.009	1450	12.1	5.49	79	36.877	2300	19.8	6.30
	1450	40		827	3.59	7.15	38		1660	6.9	7.96	39		2700	11.6	7.96
	960	27		827	2.38	8.00	25		1670	4.59	10.4	26		2700	7.66	10.6
	725	20		827	1.8	8.00	19		1670	3.47	12.1	20		2700	5.78	12.5
4 0 .	2900	75	38.61	811	6.63	5.12	69	41.923	1470	11.1	5.88	72	40.357	2340	18.3	6.43
	1450	38		827	3.37	7.36	35		1670	6.29	8.69	36		2700	10.6	8.58
	960	25		827	2.23	8.00	23		1670	4.16	11.4	24		2700	6.99	12.0
	725	19		827	1.68	8.00	17		1670	3.14	12.8	18		2700	5.28	13.6
4 5 .	2900	63	45.758	826	5.7	5.55	60	48.011	1520	10	6.27	64	45.657	2390	16.6	6.56
	1450	32		827	2.85	7.58	30		1670	5.49	9.43	32		2700	9.35	9.20
	960	21		827	1.88	8.00	20		1670	3.64	12.3	21		2700	6.18	13.3
	725	16		827	1.42	8.00	15		1670	2.74	13.5	16		2700	4.67	14.8
5 0 .	2900	59	48.855	826	5.34	5.99	53	54.284	1560	9.1	6.66	56	51.537	2450	15.1	6.68
	1450	30		827	2.67	7.79	27		1670	4.86	10.2	28		2700	8.29	9.90
	960	20		827	1.76	8.00	18		1670	3.22	13.2	19		2700	5.48	14.6
	725	15		827	1.33	8.00	13		1670	2.43	14.2	14		2700	4.14	15.7
6 3 .	2900	48	60.625	826	4.31	6.42	46	62.936	1620	8.13	7.05	46	62.475	2590	13.2	6.81
	1450	24		827	2.15	8.00	23		1670	4.2	10.9	23		2700	6.84	10.6
	960	16		827	1.42	8.00	15		1670	2.78	13.9	15		2700	4.53	15.7
	725	12		827	1.07	8.00	12		1670	2.1	15.0	12		2700	3.42	15.7
7 1 .	2900	41	71.489	827	3.66	6.95	39	75.066	1670	7.06	7.91	40	72.857	2700	11.8	7.73
	1450	20		827	1.83	8.00	19		1670	3.52	11.9	20		2700	5.87	11.7
	960	13		827	1.21	8.00	13		1670	2.33	14.6	13		2700	3.89	15.7
	725	10		827	0.91	8.00	10		1670	1.76	15.0	10		2700	2.93	15.7
8 0 .	2900	37	78.279	827	3.34	7.48	35	82.205	1670	6.45	8.78	36	80.031	2700	10.7	8.66
	1450	19		827	1.67	8.00	18		1670	3.22	12.8	18		2700	5.35	12.8
	960	12		827	1.1	8.00	12		1670	2.13	15.0	12		2700	3.54	15.7
	725	9		827	0.83	8.00	9		1670	1.61	15.0	9		2700	2.67	15.7
1 0 0	2900	30	95.934	827	2.73	8.00	29	98.646	1670	5.38	9.64	30	98.077	2700	8.74	9.20
	1450	15		827	1.36	8.00	15		1670	2.69	13.5	15		2700	4.37	15.7
	960	10		827	0.9	8.00	10		1670	1.78	15.0	10		2700	2.89	15.7
	725	8		827	0.68	8.00	7		1670	1.34	15.0	7		2700	2.18	15.7
1 1 2	2900	27	106.926	827	2.45	8.00	26	113.496	1620	4.56	10.5	27	107.1	2700	8.01	10.5
	1450	14		827	1.23	8.00	13		1630	2.28	14.1	14		2700	4	15.7
	960	9		827	0.81	8.00	8		1630	1.51	15.0	9		2700	2.65	15.7
	725	7		827	0.61	8.00	6		1630	1.14	15.0	7		2700	2	15.7
1 2 5	2900	24	119.917	595	1.58	8.00	23	126.107	1380	3.49	11.0	24	123.327	2700	6.98	10.8
	1450	12		596	0.79	8.00	11		1380	1.75	15.0	12		2700	3.49	15.7
	960	8		596	0.52	8.00	8		1380	1.16	15.0	8		2700	2.31	15.7
	725	6		596	0.4	8.00	6		1380	0.87	15.0	6		2700	1.74	15.7

TRIPLE REDUCTION RATINGS
SIZES K09 - K12

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

TRIPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0931					K1031					K1231				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
8 . 0	2900	361	8.035	2090	82.8	22.9	351	8.263	4070	156	22.9	341	8.513	5240	195	56.5
	1450	180		2570	50.7	25.2	175		4090	78.2	25.2	170		5260	97.4	56.5
	960	119		2910	37.8	27.7	116		4100	51.8	34.0	113		5260	64.5	56.5
	725	90		3050	30	30.0	88		4100	39.1	34.0	85		5260	48.7	56.6
1 0 .	2900	300	9.681	2510	82.8	22.9	292	9.946	4890	156	22.9	283	10.256	6300	195	56.5
	1450	150		3100	50.7	25.2	146		4920	78.2	25.2	141		6320	97.4	56.5
	960	99		3500	37.8	27.7	97		4920	51.8	34.0	94		6320	64.5	56.5
	725	75		3670	29.9	30.0	73		4930	39.1	34.0	71		6330	48.7	56.6
1 1 .	2900	262	11.061	2430	69.8	23.5	251	11.542	4820	132	25.7	246	11.799	7290	195	56.5
	1450	131		2990	42.8	26.5	126		5730	78.2	29.6	123		7300	97.4	56.5
	960	87		3240	30.6	29.0	83		5730	51.8	35.8	81		7300	64.5	56.5
	725	66		3370	24	31.0	63		5740	39.1	36.3	61		7310	48.7	57.8
1 2 .	2900	234	12.398	2560	65.5	24.1	231	12.553	5010	126	28.5	224	12.96	8010	195	56.5
	1450	117		3130	40	27.7	116		6170	77.5	34.0	112		8020	97.4	56.5
	960	77		3350	28.2	30.3	76		6240	51.8	37.6	74		8020	64.5	56.5
	725	58		3510	22.3	32.0	58		6240	39.1	38.6	56		8030	48.7	59.0
1 4 .	2900	218	13.328	2920	69.8	24.6	209	13.893	5790	132	31.2	204	14.214	8760	195	56.5
	1450	109		3600	42.8	29.0	104		6880	78.2	35.8	102		8770	97.4	56.5
	960	72		3670	28.8	31.7	69		6890	51.8	40.1	68		8780	64.5	57.7
	725	54		3670	21.7	34.0	52		6890	39.1	43.1	51		8780	48.7	60.1
1 6 .	2900	194	14.938	3070	65.5	24.6	192	15.11	6020	126	31.2	186	15.613	9630	195	56.5
	1450	97		3670	38.9	29.5	96		7190	75.1	36.4	93		9640	97.4	56.5
	960	64		3670	25.7	32.5	64		7190	49.7	41.5	61		9640	64.5	57.8
	725	49		3670	19.4	34.0	48		7190	37.5	43.1	46		9650	48.7	61.3
1 8 .	2900	162	17.933	2980	52.8	25.2	156	18.571	5920	101	34.0	159	18.203	9410	163	56.5
	1450	81		3480	30.6	30.3	78		7040	59.7	37.6	80		11300	97.4	56.5
	960	54		3670	21.3	33.1	52		7190	40.3	42.5	53		11300	64.5	58.9
	725	40		3670	16.1	34.0	39		7190	30.4	43.1	40		11300	48.7	61.3
2 0 .	2900	145	20.035	3110	49.3	26.5	145	20.05	6100	96.1	34.9	144	20.166	9800	153	56.5
	1450	72		3560	28.1	31.2	72		7160	56.3	39.0	72		11800	92.2	57.7
	960	48		3670	19.1	34.0	48		7190	37.4	43.1	48		12100	62.4	61.3
	725	36		3670	14.4	34.0	36		7190	28.2	43.1	36		12100	47.1	61.3
2 2 .	2900	134	21.608	3590	52.8	27.0	130	22.354	7110	101	35.4	132	21.93	11300	163	56.6
	1450	67		3670	26.9	32.5	65		7190	50.8	41.5	66		12300	88.5	59.8
	960	44		3670	17.8	34.0	43		7190	33.6	43.1	44		12300	58.6	61.3
	725	34		3670	13.4	34.0	32		7190	25.4	43.1	33		12300	44.2	61.3
2 5 .	2900	120	24.14	3670	48.3	27.8	120	24.134	7190	94.3	35.8	119	24.294	11800	153	56.5
	1450	60		3670	24.1	32.2	60		7190	47.1	40.4	60		12300	79.9	58.9
	960	40		3670	15.9	34.0	40		7190	31.1	43.1	40		12300	52.9	61.3
	725	30		3670	12	34.0	30		7190	23.5	43.1	30		12300	39.9	61.3
2 8 .	2900	104	27.777	3460	39.4	29.0	99	29.239	7050	76.1	36.7	100	28.995	11400	124	56.5
	1450	52		3670	20.8	34.0	50		7190	38.7	43.1	50		12100	65.7	61.3
	960	35		3670	13.8	34.0	33		7190	25.6	43.1	33		12100	43.5	61.3
	725	26		3670	10.4	34.0	25		7190	19.3	43.1	25		12100	32.8	61.3
3 2 .	2900	92	31.672	3550	35.6	30.3	88	33.099	7190	68.6	37.6	88	32.831	11700	112	56.5
	1450	46		3670	18.3	34.0	44		7190	34.2	43.1	44		12100	58	61.3
	960	30		3670	12.1	34.0	29		7190	22.6	43.1	29		12100	38.4	61.3
	725	23		3670	9.13	34.0	22		7190	17.1	43.1	22		12100	29	61.3
3 6 .	2900	87	33.469	3670	34.8	31.8	82	35.195	7190	64.7	39.5	83	34.931	12300	111	59.3
	1450	43		3670	17.3	34.0	41		7190	32.2	43.1	42		12300	55.7	61.3
	960	29		3670	11.5	34.0	27		7190	21.3	43.1	27		12300	36.8	61.3
	725	22		3670	8.65	34.0	21		7190	16.1	43.1	21		12300	27.8	61.3

SERIES K
TRIPLE REDUCTION RATINGS
SIZES K09 - K12

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

TRIPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0931					K1031					K1231				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
4 0 .	2900	76	38.162	3670	30.5	32.4	73	39.841	7190	57.1	40.4	73	39.553	12300	98.4	59.8
	1450	38		3670	15.2	34.0	36		7190	28.5	43.1	37		12300	49.1	61.3
	960	25		3670	10.1	34.0	24		7190	18.8	43.1	24		12300	32.5	61.3
	725	19		3670	7.59	34.0	18		7190	14.2	43.1	18		12300	24.5	61.3
4 5 .	2900	65	44.892	3670	25.9	32.9	64	45.366	7190	50.1	41.3	62	46.81	12100	81.8	60.3
	1450	32		3670	12.9	34.0	32		7190	25	43.1	31		12100	40.8	61.3
	960	21		3670	8.54	34.0	21		7190	16.5	43.1	21		12100	27	61.3
	725	16		3670	6.45	34.0	16		7190	12.5	43.1	15		12100	20.4	61.3
5 0 .	2900	58	49.875	3670	23.3	33.5	58	50.412	7190	45.1	42.2	55	52.764	12100	72.5	60.8
	1450	29		3670	11.6	34.0	29		7190	22.5	43.1	27		12100	36.2	61.3
	960	19		3670	7.69	34.0	19		7190	14.9	43.1	18		12100	24	61.3
	725	15		3670	5.81	34.0	14		7190	11.2	43.1	14		12100	18.1	61.3
5 6 .	2900	54	54.091	3670	21.6	34.0	53	54.607	7190	41.7	43.1	51	56.394	12300	69.3	61.3
	1450	27		3670	10.7	34.0	27		7190	20.8	43.1	26		12300	34.6	61.3
	960	18		3670	7.11	34.0	18		7190	13.8	43.1	17		12300	22.9	61.3
	725	13		3670	5.36	34.0	13		7190	10.4	43.1	13		12300	17.3	61.3
6 3 .	2900	48	60.095	3670	19.4	34.0	48	60.681	7190	37.6	43.1	46	63.567	12300	61.4	61.3
	1450	24		3670	9.68	34.0	24		7190	18.7	43.1	23		12300	30.7	61.3
	960	16		3670	6.4	34.0	16		7190	12.4	43.1	15		12300	20.3	61.3
	725	12		3670	4.83	34.0	12		7190	9.36	43.1	11		12300	15.3	61.3
7 1 .	2900	41	70.45	3670	16.5	34.0	40	71.889	7190	31.6	43.1	39	74.616	12100	51.5	61.3
	1450	21		3670	8.25	34.0	20		7190	15.8	43.1	19		12100	25.7	61.3
	960	14		3670	5.46	34.0	13		7190	10.4	43.1	13		12100	17	61.3
	725	10		3670	4.12	34.0	10		7190	7.89	43.1	10		12100	12.9	61.3
8 0 .	2900	37	77.775	3670	15	34.0	35	82.832	7190	27.5	43.1	35	83.103	12100	46.3	61.3
	1450	19		3670	7.47	34.0	18		7190	13.7	43.1	17		12100	23.1	61.3
	960	12		3670	4.94	34.0	12		7190	9.08	43.1	12		12100	15.3	61.3
	725	9		3670	3.73	34.0	9		7190	6.85	43.1	9		12100	11.6	61.3
9 0 .	2900	34	84.887	3670	13.8	34.0	34	86.533	7190	26.3	43.1	32	89.893	12300	43.6	61.3
	1450	17		3670	6.86	34.0	17		7190	13.1	43.1	16		12300	21.8	61.3
	960	11		3670	4.54	34.0	11		7190	8.7	43.1	11		12300	14.4	61.3
	725	9		3670	3.43	34.0	8		7190	6.57	43.1	8		12300	10.9	61.3
1 0 0	2900	31	93.713	3670	12.5	34.0	29	99.705	7190	22.9	43.1	29	100.119	12300	39.2	61.3
	1450	15		3670	6.21	34.0	15		7190	11.4	43.1	14		12300	19.6	61.3
	960	10		3670	4.11	34.0	10		7190	7.56	43.1	10		12300	13	61.3
	725	8		3670	3.1	34.0	7		7190	5.71	43.1	7		12300	9.79	61.3
1 1 2	2900	27	106.992	3670	10.9	34.0	26	112.026	7190	20.4	43.1	25	113.789	12100	33.7	61.3
	1450	14		3670	5.44	34.0	13		7190	10.2	43.1	13		12100	16.9	61.3
	960	9		3670	3.6	34.0	9		7190	6.73	43.1	8		12100	11.2	61.3
	725	7		3670	2.72	34.0	6		7190	5.08	43.1	6		12100	8.43	61.3
1 2 5	2900	24	120.31	3670	9.72	34.0	24	120.359	7190	19	43.1	24	121.064	12100	31.7	61.3
	1450	12		3670	4.85	34.0	12		7190	9.48	43.1	12		12100	15.8	61.3
	960	8		3670	3.21	34.0	8		7190	6.27	43.1	8		12100	10.5	61.3
	725	6		3670	2.42	34.0	6		7190	4.74	43.1	6		12100	7.92	61.3
1 4 0	2900	22	128.917	3670	9.07	34.0	22	134.846	7190	17	43.1	21	137.087	12300	28.6	61.3
	1450	11		3670	4.53	34.0	11		7190	8.47	43.1	11		12300	14.3	61.3
	960	7		3670	2.99	34.0	7		7190	5.6	43.1	7		12300	9.44	61.3
	725	6		3670	2.26	34.0	5		7190	4.23	43.1	5		12300	7.13	61.3
1 6 0	2900	20	144.964	3670	8.09	34.0	20	144.876	7190	15.8	43.1	20	145.852	12300	26.8	61.3
	1450	10		3670	4.04	34.0	10		7190	7.89	43.1	10		12300	13.4	61.3
	960	7		3670	2.67	34.0	7		7190	5.22	43.1	7		12300	8.87	61.3
	725	5		3670	2.02	34.0	5		7190	3.94	43.1	5		12300	6.7	61.3

QUINTUPLE REDUCTION RATINGS
SIZES K06 - K08

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

QUINTUPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0652					K0752					K0852				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
1 2 5	2900	22.96	126	640	1.62	8.0	21.26	136	712	1.67	15.0	23.04	126	1680	4.27	
	1450	11.48		640	0.81	8.0	10.63	136	712	0.83	15.0	11.52	126	1680	2.13	15.7
	960	7.60		640	0.54	8.0	7.04	136	712	0.55	15.0	7.63	126	1680	1.41	
	720	5.70		640	0.40	8.0	5.28	136	712	0.41	15.0	5.72	126	1680	1.06	
1 4 0	2900	21.12	137	640	1.49	8.0	19.56	148	712	1.53	15.0	20.72	140	1870	4.27	
	1450	10.56		640	0.74	8.0	9.78	148	712	0.77	15.0	10.36	140	1870	2.14	15.7
	960	6.99		640	0.49	8.0	6.47	148	712	0.51	15.0	6.86	140	1870	1.41	
	720	5.24		640	0.37	8.0	4.86	148	712	0.38	15.0	5.14	140	1870	1.06	
1 6 0	2900	18.01	161	640	1.27	8.0	15.35	189	1110	1.88	15.0	17.81	163	1870	3.67	
	1450	9.01		640	0.64	8.0	7.68	189	1110	0.94	15.0	8.91	163	1870	1.84	15.7
	960	5.96		640	0.42	8.0	5.08	189	1110	0.62	15.0	5.90	163	1870	1.22	
	720	4.47		640	0.32	8.0	3.81	189	1110	0.47	15.0	4.42	163	1870	0.91	
2 0 0	2900	14.57	199	761	1.22	8.0	12.43	233	1220	1.67	15.0	10.80	268	2410	3.34	
	1450	7.28		761	0.61	8.0	6.21	233	1220	0.84	15.0	6.28	231	2410	1.67	15.7
	960	4.82		761	0.40	8.0	4.11	233	1220	0.55	15.0	4.16	231	2410	1.11	
	720	3.62		761	0.30	8.0	3.09	233	1220	0.41	15.0	3.12	231	2410	0.83	
2 5 0	2900	11.94	243	791	1.04	8.0	11.43	254	1220	1.54	15.0	10.80	268	2410	2.87	
	1450	5.97		791	0.52	8.0	5.72	254	1220	0.77	15.0	5.40	268	2410	1.44	15.7
	960	3.95		791	0.34	8.0	3.78	254	1220	0.51	15.0	3.58	268	2410	0.95	
	720	2.96		791	0.26	8.0	2.84	254	1220	0.38	15.0	2.68	268	2410	0.71	
2 8 0	2900	10.22	284	827	0.93	8.0	9.52	305	1600	1.68	15.0	9.75	298	2410	2.59	
	1450	5.11		827	0.47	8.0	4.76	305	1600	0.84	15.0	4.87	298	2410	1.29	15.7
	960	3.38		827	0.31	8.0	3.15	305	1600	0.56	15.0	3.23	298	2410	0.86	
	720	2.54		827	0.23	8.0	2.36	305	1600	0.42	15.0	2.42	298	2410	0.64	
3 2 0	2900	9.40	308	827	0.86	8.0	8.75	331	1600	1.54	15.0	9.13	318	2410	2.43	
	1450	4.70		827	0.43	8.0	4.38	331	1600	0.77	15.0	4.56	318	2410	1.21	15.7
	960	3.11		827	0.28	8.0	2.90	331	1600	0.51	15.0	3.02	318	2410	0.80	
	720	2.33		827	0.21	8.0	2.17	331	1600	0.38	15.0	2.27	318	2410	0.60	
3 6 0	2900	8.02	362	827	0.73	8.0	7.46	388	1600	1.32	15.0	8.10	358	2700	2.41	
	1450	4.01		827	0.37	8.0	3.73	388	1600	0.66	15.0	4.05	358	2700	1.21	15.7
	960	2.65		827	0.24	8.0	2.47	388	1600	0.44	15.0	2.68	358	2700	0.80	
	720	1.83		827	0.18	8.0	1.85	388	1600	0.33	15.0	2.01	358	2700	0.60	
4 0 0	2900	7.38	393	827	0.67	8.0	6.87	422	1600	1.21	15.0	6.96	416	2700	2.07	
	1450	3.69		827	0.34	8.0	3.43	422	1600	0.61	15.0	3.48	416	2700	1.04	15.7
	960	2.44		827	0.22	8.0	2.27	422	1600	0.40	15.0	2.31	416	2700	0.69	
	720	1.83		827	0.17	8.0	1.70	422	1600	0.30	15.0	1.73	416	2700	0.51	
4 5 0	2900	6.57	442	827	0.60	8.0	6.27	463	1670	1.15	15.0	6.28	462	2700	1.87	
	1450	3.28		827	0.30	8.0	3.13	463	1670	0.58	15.0	3.14	462	2700	0.93	15.7
	960	2.17		827	0.20	8.0	2.07	463	1670	0.38	15.0	2.08	462	2700	0.62	
	720	1.63		827	0.15	8.0	1.56	463	1670	0.29	15.0	1.56	462	2700	0.46	
5 0 0	2900	6.04	480	827	0.55	8.0	5.76	503	1670	1.06	15.0	5.88	493	2700	1.75	
	1450	3.02		827	0.28	8.0	2.88	503	1670	0.53	15.0	2.94	493	2700	0.88	15.7
	960	2.00		827	0.18	8.0	1.91	503	1670	0.35	15.0	1.95	493	2700	0.58	
	720	1.50		827	0.14	8.0	1.43	503	1670	0.26	15.0	1.46	493	2700	0.43	
5 6 0	2900	5.15	563	827	0.47	8.0	4.92	590	1670	0.90	15.0	4.93	588	2700	1.47	
	1450	2.58		827	0.23	8.0	2.46	590	1670	0.45	15.0	2.46	588	2700	0.73	15.7
	960	1.71		827	0.16	8.0	1.63	590	1670	0.30	15.0	1.63	588	2700	0.49	
	720	1.28		827	0.12	8.0	1.22	590	1670	0.22	15.0	1.22	588	2700	0.36	
6 3 0	2900	4.74	612	827	0.43	8.0	4.52	641	1670	0.83	15.0	4.36	666	2700	1.30	
	1450	2.37		827	0.22	8.0	2.26	641	1670	0.42	15.0	2.18	666	2700	0.65	15.7
	960	1.57		827	0.14	8.0	1.50	641	1670	0.28	15.0	1.44	666	2700	0.43	
	720	1.18		827	0.11	8.0	1.12	641	1670	0.21	15.0	1.08	666	2700	0.32	
7 0 0	2900	3.88	747	827	0.35	8.0	4.00	725	1670	0.74	15.0	3.93	738	2700	1.17	
	1450	1.94		827	0.18	8.0	2.00	725	1670	0.37	15.0	1.97	738	2700	0.58	15.7
	960	1.28		827	0.12	8.0	1.32	725	1670	0.24	15.0	1.30	738	2700	0.39	
	720	0.96		827	0.09	8.0	0.99	725	1670	0.18	15.0	0.98	738	2700	0.29	
8 0 0	2900	3.57	812	827	0.33	8.0	3.50	828	1670	0.64	15.0	3.68	788	2700	1.10	
	1450	1.78		827	0.16	8.0	1.75	828	1670	0.32	15.0	1.84	788	2700	0.55	15.7
	960	1.18		827	0.11	8.0	1.16	828	1670	0.21	15.0	1.22	788	2700	0.36	
	720	0.89		827	0.08	8.0	0.87	828	1670	0.16	15.0	0.91	788	2700	0.27	
9 0 0	2900	3.04	953	827	0.28	8.0	2.99	971	1670	0.55	15.0	3.08	941	2700	0.92	
	1450	1.52		827	0.14	8.0	1.49	971	1670	0.27	15.0	1.54	941	2700	0.46	15.7
	960	1.01		827	0.09	8.0	0.99	971	1670	0.18	15.0	1.02	941	2700	0.30	
	720	0.76		827	0.07	8.0	0.74	971	1670	0.14	15.0	0.77	941	2700	0.23	
1 0 c	2900	2.80	1036	827	0.26	8.0	2.75	1056	1670	0.51	15.0	2.89	1004	2700	0.86	
	1450	1.40		827	0.13	8.0	1.37	1056	1670	0.25	15.0	1.44	1004	2700	0.43	15.7
	960	0.93		827	0.08	8.0	0.91	1056	1670	0.17	15.0	0.96	1004	2700	0.28	
	720	0.70		827	0.06	8.0	0.68	1056	1670	0.13	15.0	0.72	1004	2700	0.21	

QUINTUPLE REDUCTION RATINGS
SIZES K06 - K08

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

QUINTUPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0652					K0752					K0852				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
1 1 c	2900	2.56	1134	827	0.23		2.43	1193	1670	0.45		2.73	1062	2700	0.81	
	1450	1.28	1134	827	0.12	8.0	1.22	1193	1670	0.22	15.0	1.37	1062	2700	0.41	15.7
	960	0.85	1134	827	0.08		0.80	1193	1670	0.15		0.90	1062	2700	0.27	
	720	0.63	1134	827	0.06		0.60	1193	1670	0.11		0.68	1062	2700	0.20	
1 2 c	2900	2.35	1233	827	0.21		2.24	1295	1670	0.41		2.46	1177	2700	0.73	
	1450	1.18	1233	827	0.11	8.0	1.12	1295	1670	0.21	15.0	1.23	1177	2700	0.37	15.7
	960	0.78	1233	827	0.07		0.74	1295	1670	0.14		0.82	1177	2700	0.24	
	720	0.58	1233	827	0.05		0.56	1295	1670	0.10		0.61	1177	2700	0.18	
1 4 c	2900	2.01	1446	827	0.18		1.91	1518	1670	0.35		2.31	1257	2700	0.69	
	1450	1.00	1446	827	0.09	8.0	0.96	1518	1670	0.18	15.0	1.15	1257	2700	0.34	15.7
	960	0.66	1446	827	0.06		0.63	1518	1670	0.12		0.76	1257	2700	0.23	
	720	0.50	1446	827	0.05		0.47	1518	1670	0.09		0.57	1257	2700	0.17	
1 6 c	2900	1.84	1572	827	0.17		1.76	1651	1670	0.32		1.93	1501	2700	0.57	
	1450	0.92	1572	827	0.08	8.0	0.88	1651	1670	0.16	15.0	0.97	1501	2700	0.29	15.7
	960	0.61	1572	827	0.06		0.58	1651	1670	0.11		0.64	1501	2700	0.19	
	720	0.46	1572	827	0.04		0.44	1651	1670	0.08		0.48	1501	2700	0.14	
1 8 c	2900	1.63	1777	827	0.15		1.55	1865	1670	0.29		1.57	1848	2700	0.47	
	1450	0.82	1777	827	0.07	8.0	0.78	1865	1670	0.14	15.0	0.78	1848	2700	0.23	15.7
	960	0.54	1777	827	0.05		0.51	1865	1670	0.09		0.52	1848	2700	0.15	
	720	0.41	1777	827	0.04		0.39	1865	1670	0.07		0.39	1848	2700	0.12	
2 0 c	2900	1.45	2002	827	0.13		1.38	2102	1670	0.25		1.31	2207	2700	0.39	
	1450	0.72	2002	827	0.07	8.0	0.69	2102	1670	0.13	15.0	0.66	2207	2700	0.20	15.7
	960	0.48	2002	827	0.04		0.46	2102	1670	0.08		0.44	2207	2700	0.13	
	720	0.36	2002	827	0.03		0.34	2102	1670	0.06		0.33	2207	2700	0.10	
2 2 c	2900	1.34	2163	827	0.12		1.26	2296	1670	0.23		1.23	2356	2700	0.37	
	1450	0.67	2163	827	0.06	8.0	0.63	2296	1670	0.12	15.0	0.62	2356	2700	0.18	15.7
	960	0.44	2163	827	0.04		0.42	2296	1670	0.08		0.41	2356	2700	0.12	
	720	0.33	2163	827	0.03		0.31	2296	1670	0.06		0.31	2356	2700	0.09	
2 5 c	2900	1.23	2351	827	0.11		1.16	2496	1670	0.21		1.07	2704	2700	0.32	
	1450	0.62	2351	827	0.06	8.0	0.58	2496	1670	0.11	15.0	0.54	2704	2700	0.16	15.7
	960	0.41	2351	827	0.04		0.38	2496	1670	0.07		0.36	2704	2700	0.11	
	720	0.31	2351	827	0.03		0.29	2496	1670	0.05		0.27	2704	2700	0.08	
2 8 c	2900	1.09	2657	827	0.10		1.03	2820	1670	0.19		0.98	2961	2700	0.29	
	1450	0.55	2657	827	0.05	8.0	0.51	2820	1670	0.09	15.0	0.49	2961	2700	0.15	15.7
	960	0.36	2657	827	0.03		0.34	2820	1670	0.06		0.32	2961	2700	0.10	
	720	0.27	2657	827	0.02		0.26	2820	1670	0.05		0.24	2961	2700	0.07	
3 2 c	2900	0.97	2994	827	0.09		0.91	3178	1670	0.17		0.84	3448	2700	0.25	
	1450	0.48	2994	827	0.04	8.0	0.46	3178	1670	0.08	15.0	0.42	3448	2700	0.13	15.7
	960	0.32	2994	827	0.03		0.30	3178	1670	0.06		0.28	3448	2700	0.08	
	720	0.24	2994	827	0.02		0.23	3178	1670	0.04		0.21	3448	2700	0.06	
3 6 c	2900	0.21	3387	827	0.08		0.81	3595	1670	0.15		0.77	3775	2700	0.23	
	1450	0.21	3387	827	0.04	8.0	0.40	3595	1670	0.07	15.0	0.38	3775	2700	0.11	15.7
	960	0.21	3387	827	0.03		0.27	3595	1670	0.05		0.25	3775	2700	0.08	
	720	0.21	3387	827	0.02		0.20	3595	1670	0.04		0.19	3775	2700	0.06	
4 0 c	2900	0.19	3816	827	0.07		0.72	4051	1670	0.13		1.07	2704	2700	0.21	
	1450	0.19	3816	827	0.03	8.0	0.36	4051	1670	0.07	15.0	0.54	2704	2700	0.10	15.7
	960	0.19	3816	827	0.02		0.24	4051	1670	0.07		0.36	2704	2700	0.07	
	720	0.19	3816	827	0.02		0.18	4051	1670	0.03		0.27	2704	2700	0.05	
4 5 c	2900	0.17	4210	827	0.06		0.65	4469	1670	0.12		0.98	2961	2700	0.19	
	1450	0.17	4210	827	0.03	8.0	0.32	4469	1670	0.06	15.0	0.49	2961	2700	0.09	15.7
	960	0.17	4210	827	0.02		0.21	4469	1670	0.06		0.32	2961	2700	0.06	
	720	0.17	4210	827	0.02		0.16	4469	1670	0.03		0.24	2961	2700	0.05	
5 0 c	2900	0.14	5036	827	0.05		0.54	5345	1670	0.10		0.84	3448	2700	0.17	
	1450	0.14	5036	827	0.03	8.0	0.27	5345	1670	0.05	15.0	0.42	3448	2700	0.08	15.7
	960	0.14	5036	827	0.02		0.18	5345	1670	0.03		0.28	3448	2700	0.06	
	720	0.14	5036	827	0.01		0.13	5345	1670	0.02		0.21	3448	2700	0.04	
5 6 c	2900	0.13	5725	827	0.05		0.48	6076	1670	0.088		0.77	3775	2700	0.15	
	1450	0.13	5725	827	0.02	8.0	0.24	6076	1670	0.044	15.0	0.38	3775	2700	0.07	15.7
	960	0.13	5725	827	0.02		0.16	6076	1670	0.029		0.25	3775	2700	0.05	
	720	0.13	5725	827	0.01		0.12	6076	1670	0.022		0.19	3775	2700	0.04	
6 3 c	2900	0.12	6259	827	0.04		0.44	6644	1670	0.080		0.84	3448	2700	0.14	
	1450	0.12	6259	827	0.02	8.0	0.22	6644	1670	0.040	15.0	0.42	3448	2700	0.07	15.7
	960	0.12	6259	827	0.01		0.14	6644	1670	0.040		0.28	3448	2700	0.05	
	720	0.12	6259	827	0.01		0.11	6644	1670	0.020		0.21	3448	2700	0.03	
7 1 c	2900	0.10	7115	827	0.04		0.38	7553	1670	0.071		0.77	3775	2700	0.12	
	1450	0.10	7115	827	0.02	8.0	0.19	7553	1670	0.035	15.0	0.38	3775	2700	0.06	15.7
	960	0.10	7115	827	0.01		0.13	7553	1670	0.035		0.25	3775	2700	0.04	
	720	0.10	7115	827	0.01		0.10	7553	1670	0.018		0.19	3775	2700	0.03	

QUINTUPLE REDUCTION RATINGS
SIZES K09 - K12

Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

QUINTUPLE REDUCTION

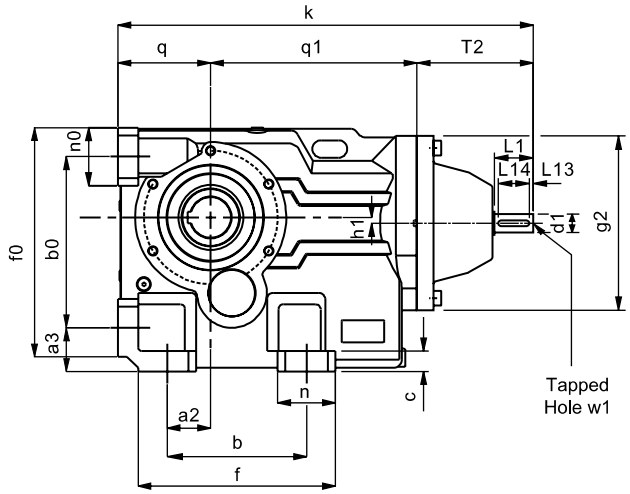
Column Entry 6 7 8	Input Speed N1 (rpm)	K0951					K1051					K1251				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
1 8 0	2900	16.51	176	3670	6.68		16.02	181	7190	12.69		16.23	179	12300	22.00	
	1450	8.25	176	3670	3.34	34.00	8.01	181	7190	6.35	43.00	8.11	179	12300	11.00	61.00
	960	5.46	176	3670	2.21		5.30	181	7190	4.20		5.37	179	12300	7.28	
	720	4.10	176	3670	1.66		3.98	181	7190	3.15		4.03	179	12300	5.46	
2 0 0	2900	14.56	199	3670	5.89		14.26	203	7190	11.30		14.61	199	12300	19.80	
	1450	7.28	199	3670	2.95	34.00	7.13	203	7190	5.65	43.00	7.30	199	12300	9.90	61.00
	960	4.82	199	3670	1.95		4.72	203	7190	3.74		4.84	199	12300	6.56	
	720	3.62	199	3670	1.46		3.54	203	7190	2.81		3.63	199	12300	4.92	
2 5 0	2900	13.56	214	3670	6.68		8.73	332	7190	12.69		12.60	230	12300	22.00	
	1450	6.78	214	3670	2.74	34.00	4.37	332	7190	4.97	43.00	6.30	230	12300	8.54	61.00
	960	4.49	214	3670	1.82		2.89	332	7190	3.29		4.17	230	12300	5.66	
	720	3.37	214	3670	1.36		2.17	332	7190	2.47		3.13	230	12300	4.24	
2 8 0	2900	12.10	240	3670	5.89		11.17	260	7190	11.30		11.22	258	12300	19.80	
	1450	6.05	240	3670	2.45	34.00	5.59	260	7190	4.43	43.00	5.61	258	12300	7.61	61.00
	960	4.01	240	3670	1.62		3.70	260	7190	2.93		3.72	258	12300	5.04	
	720	3.00	240	3670	1.22		2.77	260	7190	2.20		2.79	258	12300	3.78	
3 2 0	2900	10.64	273	3670	5.49		9.93	292	7190	9.94		10.16	286	12300	17.09	
	1450	5.32	273	3670	2.15	34.00	4.96	292	7190	3.93	43.00	5.08	286	12300	6.88	61.00
	960	3.52	273	3670	1.42		3.29	292	7190	2.60		3.36	286	12300	4.56	
	720	2.64	273	3670	1.07		2.47	292	7190	1.95		2.52	286	12300	3.42	
3 6 0	2900	9.49	306	3670	4.90		8.73	332	7190	8.85		9.05	321	12300	15.22	
	1450	4.75	306	3670	1.92	34.00	4.37	332	7190	3.46	43.00	4.52	321	12300	6.13	61.00
	960	3.14	306	3670	1.27		2.89	332	7190	2.29		2.99	321	12300	4.06	
	720	2.36	306	3670	0.95		2.17	332	7190	1.72		2.25	321	12300	3.04	
4 0 0	2900	8.49	342	3670	4.90		7.78	373	7190	7.87		8.12	357	12300	13.77	
	1450	4.24	342	3670	1.72	34.00	3.89	373	7190	3.08	43.00	4.06	357	12300	5.51	61.00
	960	2.81	342	3670	1.14		2.57	373	7190	2.04		2.69	357	12300	3.65	
	720	2.11	342	3670	0.85		1.93	373	7190	1.53		2.02	357	12300	2.73	
4 5 0	2900	7.49	387	3670	3.84		6.84	424	7190	6.92		6.98	416	12300	12.26	
	1450	3.74	387	3670	1.51	34.00	3.42	424	7190	2.71	43.00	3.49	416	12300	4.73	61.00
	960	2.48	387	3670	1.00		2.26	424	7190	1.79		2.31	416	12300	3.13	
	720	1.86	387	3670	0.75		1.70	424	7190	1.35		1.73	416	12300	2.35	
5 0 0	2900	6.66	436	3670	3.43		6.54	444	7190	6.16		6.55	443	12300	11.01	
	1450	3.33	436	3670	1.35	34.00	3.27	444	7190	2.59	43.00	3.27	443	12300	4.44	61.00
	960	2.20	436	3670	0.89		2.16	444	7190	1.72		2.17	443	12300	2.94	
	720	1.65	436	3670	0.67		1.62	444	7190	1.29		1.63	443	12300	2.20	
5 6 0	2900	5.87	494	3670	3.03		5.68	510	7190	5.42		5.62	516	12300	9.46	
	1450	2.94	494	3670	1.19	34.00	2.84	510	7190	2.25	43.00	2.81	516	12300	3.81	61.00
	960	1.94	494	3670	0.79		1.88	510	7190	1.49		1.86	516	12300	2.52	
	720	1.46	494	3670	0.59		1.41	510	7190	1.12		1.40	516	12300	1.89	
6 3 0	2900	5.45	532	3670	2.69		5.43	534	7190	5.18		5.08	571	12300	8.87	
	1450	2.73	532	3670	1.10	34.00	2.72	534	7190	2.15	43.00	2.54	571	12300	3.44	61.00
	960	1.81	532	3670	0.73		1.80	534	7190	1.42		1.68	571	12300	2.28	
	720	1.35	532	3670	0.55		1.35	534	7190	1.07		1.26	571	12300	1.71	
7 0 0	2900	4.69	619	3670	0.78		4.73	614	7190	4.50		4.50	644	12300	7.62	
	1450	2.34	619	3670	0.95	34.00	2.36	614	7190	1.87	43.00	2.25	644	12300	3.05	61.00
	960	1.55	619	3670	0.63		1.56	614	7190	1.24		1.49	644	12300	2.02	
	720	1.16	619	3670	0.47		1.17	614	7190	0.93		1.12	644	12300	1.52	
8 0 0	2900	4.28	678	3670	2.21		4.26	682	7190	4.30		4.09	708	12300	6.89	
	1450	2.14	678	3670	0.87	34.00	2.13	682	7190	1.69	43.00	2.05	708	12300	2.78	61.00
	960	1.42	678	3670	0.57		1.41	682	7190	1.12		1.36	708	12300	1.84	
	720	1.06	678	3670	0.43		1.06	682	7190	0.84		1.02	708	12300	1.38	
9 0 0	2900	3.68	789	3670	1.90		3.70	783	7190	3.75		3.63	799	12300	6.10	
	1450	1.84	789	3670	0.74	34.00	1.85	783	7190	1.47	43.00	1.81	799	12300	2.46	61.00
	960	1.22	789	3670	0.49		1.23	783	7190	0.97		1.20	799	12300	1.63	
	720	0.91	789	3670	0.37		0.92	783	7190	0.73		0.90	799	12300	1.22	
1 0 c	2900	3.32	874	3670	1.73		3.30	879	7190	3.37		3.15	921	12300	5.55	
	1450	1.66	874	3670	0.67	34.00	1.65	879	7190	1.31	43.00	1.57	921	12300	2.13	61.00
	960	1.10	874	3670	0.44		1.09	879	7190	0.87		1.04	921	12300	1.41	
	720	0.82	874	3670	0.33		0.82	879	7190	0.65		0.78	921	12300	1.06	
1 1 c	2900	2.56	1134	827	0.23		2.43	1193	1670	0.45		2.73	1062	2700	0.81	
	1450	1.28	1134	827	0.12	8.0	1.22	1193	1670	0.22	15.0	1.37	1062	2700	0.41	15.7
	960	0.85	1134	827	0.08		0.80	1193	1670	0.15		0.90	1062	2700	0.27	
	720	0.63	1134	827	0.06		0.60	1193	1670	0.11		0.68	1062	2700	0.20	
1 2 c	2900	2.35	1233	827	0.21		2.24	1295	1670	0.41		2.46	1177	2700	0.73	
	1450	1.18	1233	827	0.11	8.0	1.12	1295	1670	0.21	15.0	1.23	1177	2700	0.37	15.7
	960	0.78	1233	827	0.07		0.74	1295	1670	0.14		0.82	1177	2700	0.24	
	720	0.58	1233	827	0.05		0.56	1295	1670	0.10		0.61	1177	2700	0.18	
1 4 c	2900	2.01	1446	827	0.18		1.91	1518	1670	0.35		2.31	1257	2700	0.69	
	1450	1.00	1446	827	0.09	8.0	0.96	1518	1670	0.18	15.0	1.15	1257	2700	0.34	15.7
	960	0.66	1446	827	0.06		0.63	1518	1670	0.12		0.76	1257	2700	0.23	
	720	0.50	1446	827	0.05		0.47	1518	1670	0.09		0.57	1257	2700	0.17	

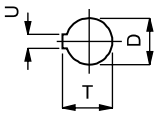
QUINTUPLE REDUCTION RATINGS
SIZES K09 - K12

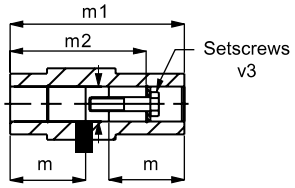
Pm - Input Power (kW) | *N2* - Output Speed (rpm)
M2 - Output Torque (Nm) | fra - Overhung Load (kN)
i - Exact Ratio (:1)

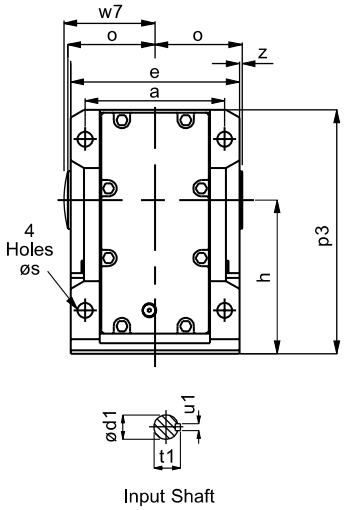
QUINTUPLE REDUCTION

Column Entry 6 7 8	Input Speed N1 (rpm)	K0951					K1051					K1251				
		N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)	N2 (rpm)	i (:1)	M2 (Nm)	Pm (kW)	fra (kN)
1 6 c	2900	1.84	1572	827	0.17		1.76	1651	1670	0.32		1.93	1501	2700	0.57	
	1450	0.92	1572	827	0.08	8.0	0.88	1651	1670	0.16	15.0	0.97	1501	2700	0.29	15.7
	960	0.61	1572	827	0.06		0.58	1651	1670	0.11		0.64	1501	2700	0.19	
	720	0.46	1572	827	0.04		0.44	1651	1670	0.08		0.48	1501	2700	0.14	
1 8 c	2900	1.63	1777	827	0.15		1.55	1865	1670	0.29		1.57	1848	2700	0.47	
	1450	0.82	1777	827	0.07	8.0	0.78	1865	1670	0.14	15.0	0.78	1848	2700	0.23	15.7
	960	0.54	1777	827	0.05		0.51	1865	1670	0.09		0.52	1848	2700	0.15	
	720	0.41	1777	827	0.04		0.39	1865	1670	0.07		0.39	1848	2700	0.12	
2 0 c	2900	1.45	2002	827	0.13		1.38	2102	1670	0.25		1.31	2207	2700	0.39	
	1450	0.72	2002	827	0.07	8.0	0.69	2102	1670	0.13	15.0	0.66	2207	2700	0.20	15.7
	960	0.48	2002	827	0.04		0.46	2102	1670	0.08		0.44	2207	2700	0.13	
	720	0.36	2002	827	0.03		0.34	2102	1670	0.06		0.33	2207	2700	0.10	
2 2 c	2900	1.34	2163	827	0.12		1.26	2296	1670	0.23		1.23	2356	2700	0.37	
	1450	0.67	2163	827	0.06	8.0	0.63	2296	1670	0.12	15.0	0.62	2356	2700	0.18	15.7
	960	0.44	2163	827	0.04		0.42	2296	1670	0.08		0.41	2356	2700	0.12	
	720	0.33	2163	827	0.03		0.31	2296	1670	0.06		0.31	2356	2700	0.09	
2 5 c	2900	1.23	2351	827	0.11		1.16	2496	1670	0.21		1.07	2704	2700	0.32	
	1450	0.62	2351	827	0.06	8.0	0.58	2496	1670	0.11	15.0	0.54	2704	2700	0.16	15.7
	960	0.41	2351	827	0.04		0.38	2496	1670	0.07		0.36	2704	2700	0.11	
	720	0.31	2351	827	0.03		0.29	2496	1670	0.05		0.27	2704	2700	0.08	
2 8 c	2900	1.09	2657	827	0.10		1.03	2820	1670	0.19		0.98	2961	2700	0.29	
	1450	0.55	2657	827	0.05	8.0	0.51	2820	1670	0.09	15.0	0.49	2961	2700	0.15	15.7
	960	0.36	2657	827	0.03		0.34	2820	1670	0.06		0.32	2961	2700	0.10	
	720	0.27	2657	827	0.02		0.26	2820	1670	0.05		0.24	2961	2700	0.07	
3 2 c	2900	0.97	2994	827	0.09		0.91	3178	1670	0.17		0.84	3448	2700	0.25	
	1450	0.48	2994	827	0.04	8.0	0.46	3178	1670	0.08	15.0	0.42	3448	2700	0.13	15.7
	960	0.32	2994	827	0.03		0.30	3178	1670	0.06		0.28	3448	2700	0.08	
	720	0.24	2994	827	0.02		0.23	3178	1670	0.04		0.21	3448	2700	0.06	
3 6 c	2900	0.21	3387	827	0.08		0.81	3595	1670	0.15		0.77	3775	2700	0.23	
	1450	0.21	3387	827	0.04	8.0	0.40	3595	1670	0.07	15.0	0.38	3775	2700	0.11	15.7
	960	0.21	3387	827	0.03		0.27	3595	1670	0.05		0.25	3775	2700	0.08	
	720	0.21	3387	827	0.02		0.20	3595	1670	0.04		0.19	3775	2700	0.06	
4 0 c	2900	0.19	3816	827	0.07		0.72	4051	1670	0.13		1.07	2704	2700	0.21	
	1450	0.19	3816	827	0.03	8.0	0.36	4051	1670	0.07	15.0	0.54	2704	2700	0.10	15.7
	960	0.19	3816	827	0.02		0.24	4051	1670	0.07		0.36	2704	2700	0.07	
	720	0.19	3816	827	0.02		0.18	4051	1670	0.03		0.27	2704	2700	0.05	
4 5 c	2900	0.17	4210	827	0.06		0.65	4469	1670	0.12		0.98	2961	2700	0.19	
	1450	0.17	4210	827	0.03	8.0	0.32	4469	1670	0.06	15.0	0.49	2961	2700	0.09	15.7
	960	0.17	4210	827	0.02		0.21	4469	1670	0.06		0.32	2961	2700	0.06	
	720	0.17	4210	827	0.02		0.16	4469	1670	0.03		0.24	2961	2700	0.05	
5 0 c	2900	0.14	5036	827	0.05		0.54	5345	1670	0.10		0.84	3448	2700	0.17	
	1450	0.14	5036	827	0.03	8.0	0.27	5345	1670	0.05	15.0	0.42	3448	2700	0.08	15.7
	960	0.14	5036	827	0.02		0.18	5345	1670	0.03		0.28	3448	2700	0.06	
	720	0.14	5036	827	0.01		0.13	5345	1670	0.02		0.21	3448	2700	0.04	
5 6 c	2900	0.13	5725	827	0.05		0.48	6076	1670	0.088		0.77	3775	2700	0.15	
	1450	0.13	5725	827	0.02	8.0	0.24	6076	1670	0.044	15.0	0.38	3775	2700	0.07	15.7
	960	0.13	5725	827	0.02		0.16	6076	1670	0.029		0.25	3775	2700	0.05	
	720	0.13	5725	827	0.01		0.12	6076	1670	0.022		0.19	3775	2700	0.04	
6 3 c	2900	0.12	6259	827	0.04		0.44	6644	1670	0.080		0.84	3448	2700	0.14	
	1450	0.12	6259	827	0.02	8.0	0.22	6644	1670	0.040	15.0	0.42	3448	2700	0.07	15.7
	960	0.12	6259	827	0.01		0.14	6644	1670	0.040		0.28	3448	2700	0.05	
	720	0.12	6259	827	0.01		0.11	6644	1670	0.020		0.21	3448	2700	0.03	
7 1 c	2900	0.10	7115	827	0.04		0.38	7553	1670	0.071		0.77	3775	2700	0.12	
	1450	0.10	7115	827	0.02	8.0	0.19	7553	1670	0.035	15.0	0.38	3775	2700	0.06	15.7
	960	0.10	7115	827	0.01		0.13	7553	1670	0.035		0.25	3775	2700	0.04	
	720	0.10	7115	827	0.01		0.10	7553	1670	0.018		0.19	3775	2700	0.03	
8 0 c	2900	0.42	6980	3670	0.21		0.41	7035	7190	0.40		0.42	6937	12300	0.73	
	1450	0.21	6980	3670	0.08	34.00	0.21	7035	7190	0.16	43.00	0.21	6937	12300	0.28	61.00
	960	0.14	6980	3670	0.06		0.14	7035	7190	0.11		0.14	6937	12300	0.19	
	720	0.10	6980	3670	0.04		0.10	7035	7190	0.08		0.0	6937	12300	0.14	
9 0 c	2900	0.89	3245	3670	0.19		0.37	7817	7190	0.37		0.36	7988	12300	0.60	
	1450	0.19	7828	3670	0.07	34.00	0.19	7817	7190	0.15	43.00	0.18	7988	12300	0.25	61.00
	960	0.12	7828	3670	0.05		0.12	7817	7190	0.10		0.12	7988	12300	0.16	
	720	0.09	7828	3670	0.04		0.09	7817	7190	0.07		0.09	7988	12300	0.12	
1 0 k	2900	0.35	8402	3670	0.17		0.34	8596	7190	0.33		0.33	8751	12300	0.57	
	1450	0.17	8402	3670	0.07	34.00	0.17	8596	7190	0.13	43.00	0.17	8751	12300	0.22	61.00
	960	0.11	8402	3670	0.05		0.11	8596	7190	0.09		0.11	8751	12300	0.15	
	720	0.09	8402	3670	0.03		0.08	8596	7190	0.07		0.08	8751	12300	0.11	









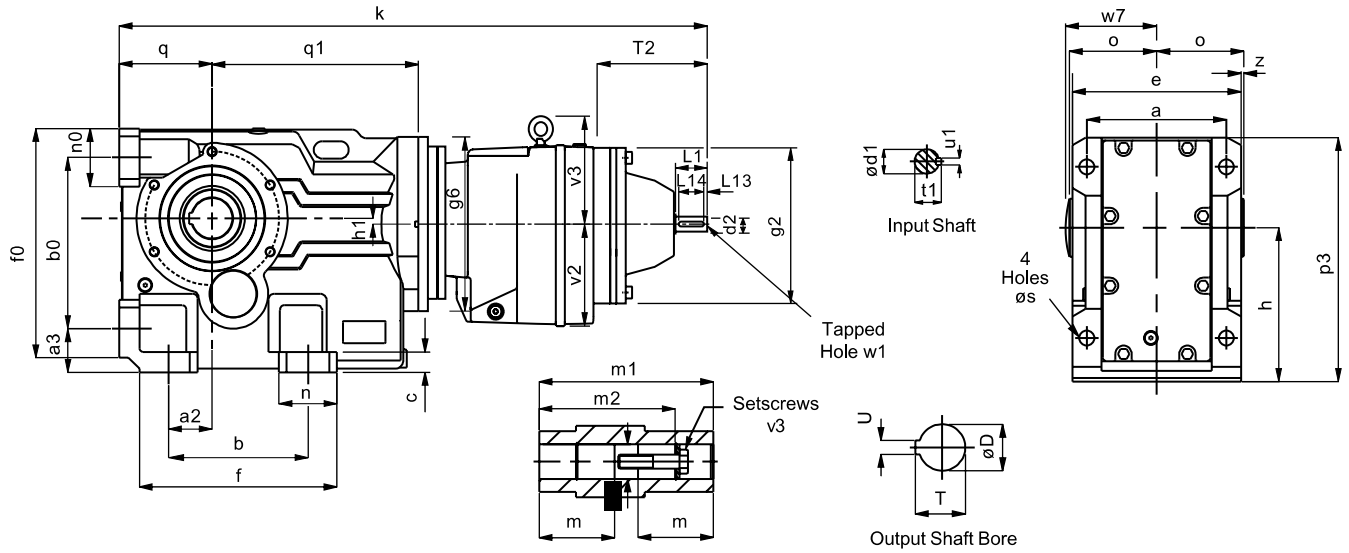
SIZE	a	a2	a3	b	b0	c	e	f	f0	g2	h	h1
K0332	100	28	32	110	115	11	120	143	152	140	100	16
K0432	120	35	37	130	130	16	145	168	171	140	112	13
K0532	130	30	45	130	150	15	157	170	192	180	132	5
K0632	140	30	45	120	160	20	170	176	208	180	140	13
K0732	165	40	55	150	200	27	200	210	263	212	180	25
K0832	180	55	70	180	233	30	230	256	309	250	212	15
K0931	240	75	75	240	295	35	290	340	395	300	265	10
K1031	270	95	95	280	360	40	340	390	455	360	315	41
K1231	330	115	110	350	420	45	400	470	540	400	375	65

SIZE	k	n	n0	o	p3	q	q1	T2	s	w7	z
K0332	333	38	38	60	167	63	159	111	11	63	0
K0432	361	38	40	75	187	71	179	111	11	78	2.5
K0532	410	40	40	83	217	80	219	111	14	87	4.5
K0632	430	55	48	90	233	90	229	111	14	94	5
K0732	492	60	55	105	288	112	265	115	18	109	5
K0832	622	76	76	120	341	132	330	160	23	124	5
K0931	710	100	100	150	420	160	355	195	27	154	5
K1031	856	110	115	175	513	200	423	233	34	180	5
K1231	987	120	120	205	590	225	476	286	39	210	5

SIZE	Input Shaft							Hollow Output Bore							
	d1	L1	L13	L14	t1	u1	w1	D	m	m1	m2	m3	T	U	v3
K0332	16 k6	40	4	32	18	5	M5x0.8, 12 deep	30	52.5	120	105	30.3	33.5	8	M10x50L
K0432	16 k6	40	4	32	18	5	M5x0.8, 12 deep	35	66	150	132	35.3	38.5	10	M12x55L
K0532	19 k6	40	4	32	21.5	6	M6x1.0, 16 deep	40	73	166	142	40.3	43.5	12	M16x70L
K0632	19 k6	40	4	32	21.5	6	M6x1.0, 16 deep	40	80	180	156	40.3	43.5	12	M16x70L
K0732	24 k6	50	5	40	27	8	M8x1.25, 19 deep	50	92.5	210	183	50.5	54	14	M16x70L
K0832	28 k6	60	5	50	31	8	M10x1.5, 22 deep	60	105	240	210	60.5	64.5	18	M20x80L
K0931	38 k6	80	5	70	41	10	M12x1.75, 28 deep	70	132.5	300	270	70.5	75	20	M20x80L
K1031	42 k6	110	10	70	45	12	M16x2.0, 36 deep	80	155	350	313	80.5	85.5	22	M20x80L
K1231	55 k6	110	10	90	59	16	M20x2.5, 42 deep	100	180	410	373	100.5	106.5	28	M24x110L

all parallel keys are to DIN 6885

DIMENSIONS
QUINTUPLE REDUCTION



SIZE	a	a2	a3	b	b0	c	e	f	f0	g2	g6	h	h1
K0652	140	30	45	120	160	20	170	176	208	140	180	140	13
K0752	165	40	55	150	200	27	200	210	263	140	180	180	25
K0852	180	55	70	180	233	30	230	256	309	180	250	212	15
K0951	240	75	75	240	295	35	290	340	395	180	300	265	10
K1051	270	95	95	280	360	40	340	390	455	212	360	315	41
K1251	330	115	110	350	420	45	400	470	540	250	400	375	65

SIZE	k	n	n0	o	p3	q	q1	T2	s	w7	z	v2	v3
K0652	614	55	48	90	233	90	229	111	14	94	5	95	-
K0752	678	60	55	105	288	112	265	111	18	109	5	95	-
K0852	824	76	76	120	341	132	330	111	23	124	5	113	-
K0951	888	100	100	150	420	160	355	111	27	154	5	113	-
K1051	1030	115	110	175	513	200	423	115	34	180	5	138	-
K1251	1245	120	120	205	590	225	476	115	39	210	5	187	173

SIZE	Input Shaft							Hollow Output Bore							
	d1	L1	L13	L14	t1	u1	w1	D	m	m1	m2	m3	T	U	v3
K0652	16 k6	40	4	32	18	5	M5x0.8, 12 deep	40	80	180	156	40.3	43.5	12	M16x70L
K0752	16 k6	40	4	32	18	5	M5x0.8, 12 deep	50	92.5	210	183	50.5	54	14	M16x70L
K0852	19 k6	40	4	32	21.5	6	M6x1.0, 16 deep	60	105	240	210	60.5	64.5	18	M20x80L
K0951	19 k6	40	4	32	21.5	6	M6x1.0, 16 deep	70	132.5	300	270	70.5	75	20	M20x80L
K1051	24 k6	50	5	40	27	8	M8x1.25, 19 deep	80	155	350	313	80.5	85.5	22	M20x80L
K1251	28 k6	60	5	50	31	8	M8x1.25, 19 deep	100	180	410	373	100.5	106.5	28	M24x110L

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 rating are based on an ambient temperature of 20°C, where units are to operate in other ambient temperatures thermal ratings must be adjusted by the following factors

Unit Size	Ambient Temperature °C							
	-20	-10	0	10	20	30	40	50
All Units	1.57	1.43	1.29	1.14	1.00	0.86	0.71	0.5

Thermal Power (kW)

Overall Ratios	Type of Cooling	Input Rev/min	Unit Size								
			K03	K04	K05	K06	K07	K08	K09	K10	K12
8 to 20	Units with no additional cooling	2900	Consult Power Build Limited								
		1450	6.4	7.8	11.3	12.1	17.7	20.4	30.8	44	60
		960	6.1	7.4	10.8	11.6	16.9	19.5	29.4	42	57
		725	5.9	7.2	10.5	11.2	16.4	18.9	28.5	41	55
22 to 40	Units with no additional cooling	2900	4.6	5.7	8.2	8.8	12.9	14.8	22.3	32	43
		1450	5.4	6.6	9.6	10.3	15.1	17.7	25.1	35.0	47.9
		960	5.2	6.3	9.2	9.8	14.4	16.9	24.0	33	46
		725	5.0	6.1	8.9	9.5	13.9	16.4	23.2	32	44
45 & over	Units with no additional cooling	2900	3.9	4.8	7.0	7.5	10.9	12.8	18.2	25	35
		1450	4.1	5.8	5.8	9.8	9.8	14.5	19.2	30	42
		960	5.2	6.3	9.2	9.8	14.4	16.9	24.0	33	46
		725	5.0	6.1	8.9	9.5	13.9	16.4	23.2	32	44
8 to 20	Units with Fan cooling	2900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		1450	-	-	-	-	35	41	62	88	119
		960	-	-	-	-	31	36	54	77	104
		725	-	-	-	-	27	31	46	66	89
22 to 40	Units with Fan cooling	2900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		1450	-	-	-	-	30	35	50	70	96
		960	-	-	-	-	26	31	44	61	84
		725	-	-	-	-	23	27	38	53	72
45 & over	Units with Fan cooling	2900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		1450	-	-	-	-	20	29	38	59	85
		960	-	-	-	-	17	25	34	52	74
		725	-	-	-	-	15	22	29	44	63

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

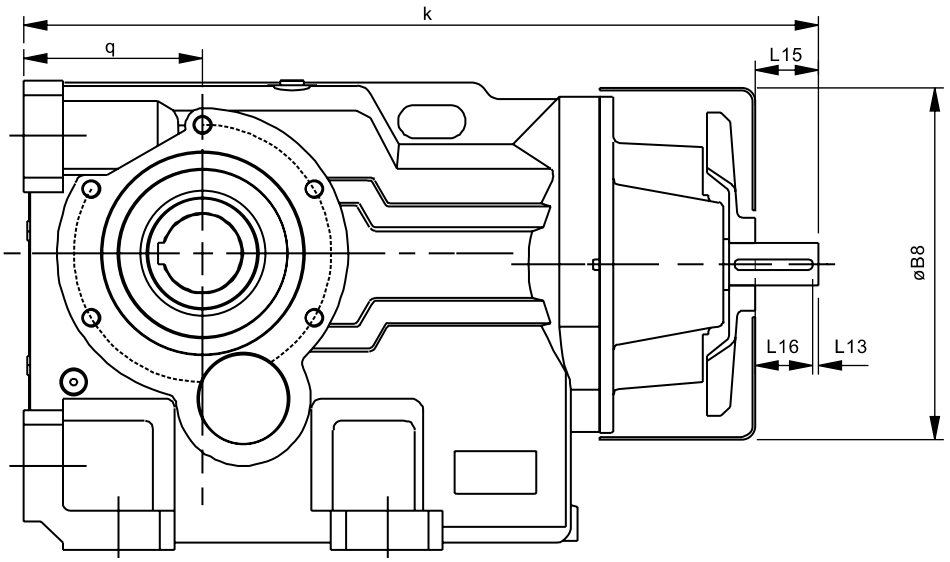
Column 10 Entry

For reducer fan kit modules enter S in column10

or if used in conjunction with a reducer backstop module kit Y CW rotation

Z CCW rotation

Dimensions of Fan Cooled Units



Shaft end detail as standard unit

Unit Size	øB8	k	L13	L15	L16	q
K0732	225	492	5	35	30	112
K0832	265	622	5	45	40	132
K0931	320	710	5	65	60	160
K1031	380	856	10	95	85	200
K1231	420	987	10	85	75	225

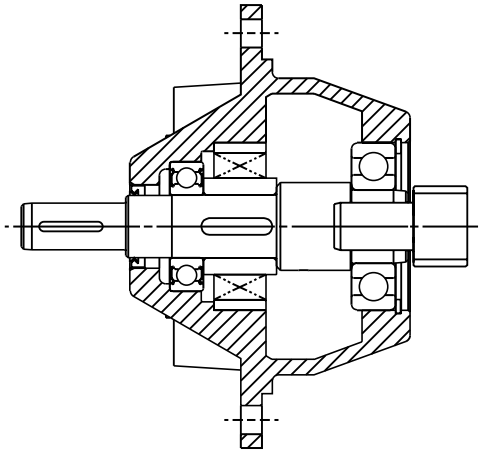
REDUCER BACKSTOP MODULE

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

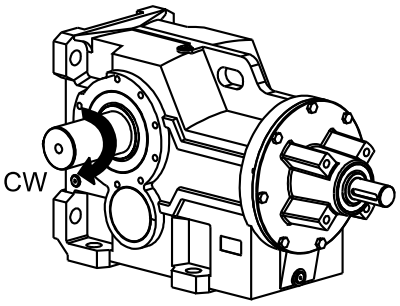
For reducer backstop modules enter [W] for CCW rotation (or [Z] if used in conjunction with a fan kit)
[X] for CW rotation (or [Y] if used in conjunction with a fan kit)



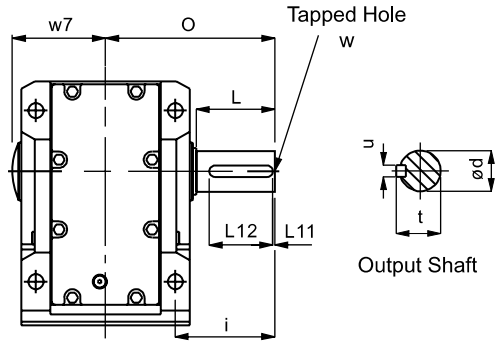
Unit Size	Lift off Speed ('n' min) (at inputshaft) (rev/min)	Rated Locking Torque ('T max') (at inputshaft) (Nm)
K0532	800	100
K0632	800	100
K0732	670	170
K0832	670	170
K0931	670	300
K1031	670	300
K1231	550	2400

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



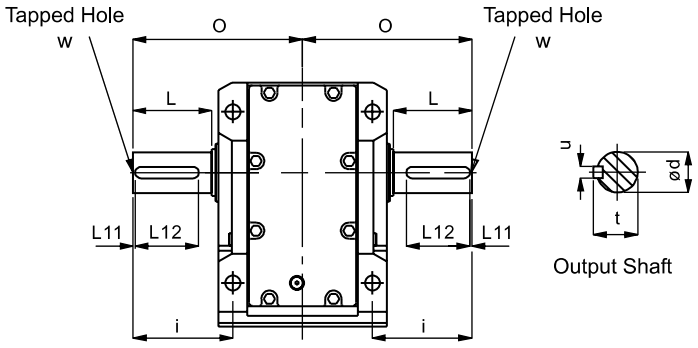
STANDARD OUTPUTSHAFT OPTION



all parallel keys are to DIN 6885

SIZE	-ød	i	L	L11	L12	O	t	u	w	w7
K03	25.015 / 25.002	60	47	3	40	110	28	8	M10 x 1.5, 22 Deep	63
K04	30.015 / 30.002	75	56	3	50	135	33	8	M12 x 1.75, 28 Deep	78
K05	35.018 / 35.002	88	66	3	56	153	38	10	M16 x 2, 36 Deep	87
K06	40.018 / 40.002	101	76	3	70	171	43	12	M16 x 2, 36 Deep	94
K07	50.018 / 50.002	123.5	95	3	80	206	53.5	14	M16 x 2, 36 Deep	109
K08	60.030 / 60.011	150	114	3	100	240	64	18	M20 x 2.5, 42 Deep	124
K09	70.030 / 70.011	171	135	3	110	291	74.5	20	M20 x 2.5, 42 Deep	154
K10	90.035 / 90.013	212	172	5	140	347	95	25	M20 x 2.5, 42 Deep	180
K12	110.035 / 110.013	253	213	5	180	418	116	28	M24 x 3, 55 Deep	210

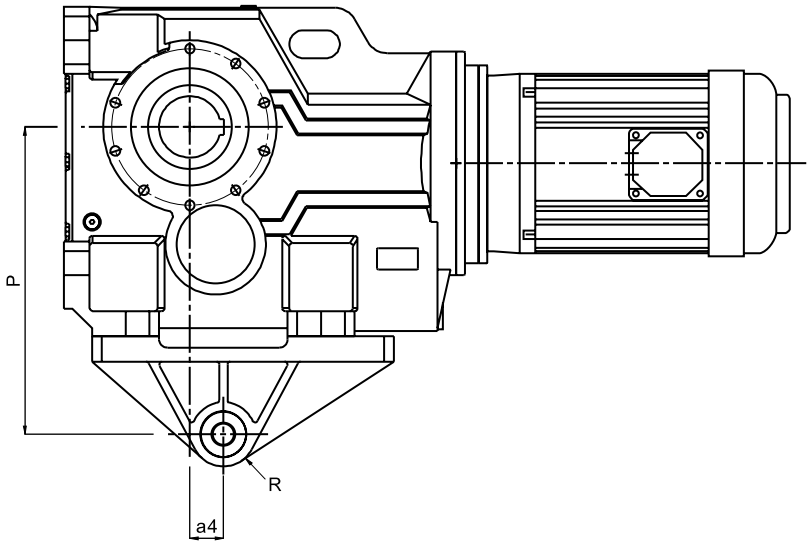
STANDARD DOUBLE EXTENDED OUTPUTSHAFT OPTION

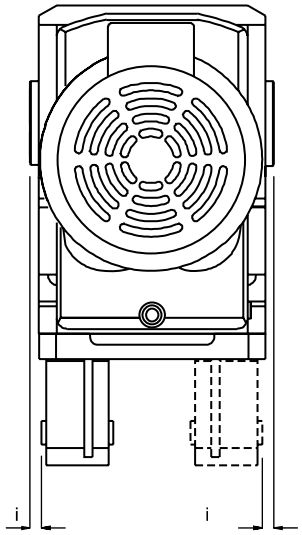


all parallel keys are to DIN 6885

SIZE	d	i	L	L11	L12	O	t	u	w
K03	25.015 / 25.002	60	47	3	40	110	28	8	M10 x 1.5, 22 Deep
K04	30.015 / 30.002	75	56	3	50	135	33	8	M12 x 1.75, 28 Deep
K05	35.018 / 35.002	88	66	3	56	153	38	10	M16 x 2, 36 Deep
K06	39.991 / 39.975	101	76	3	70	171	43	12	M16 x 2, 36 Deep
K07	49.991 / 49.975	123.5	95	3	80	206	53.5	14	M16 x 2, 36 Deep
K08	59.990 / 59.971	150	114	3	100	240	64	18	M20 x 2.5, 42 Deep
K09	69.990 / 69.971	71	135	3	110	291	74.5	20	M20 x 2.5, 42 Deep
K10	75.030 / 75.011	212	163	5	110	347	79.5	20	M20 x 2.5, 42 Deep
K12	95.035 / 95.013	253	200	5	140	418	100	25	M20 x 2.5, 42 Deep

DIMENSIONS
TORQUE BRACKET





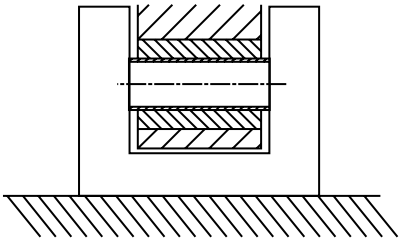
Column 9 Entry

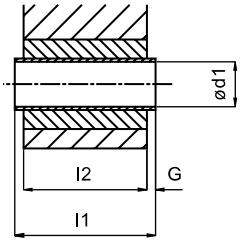
T Torque bracket on left

Column 9 Entry

Q Torque bracket on right

The torque arm requires a Stirrup type anchoring





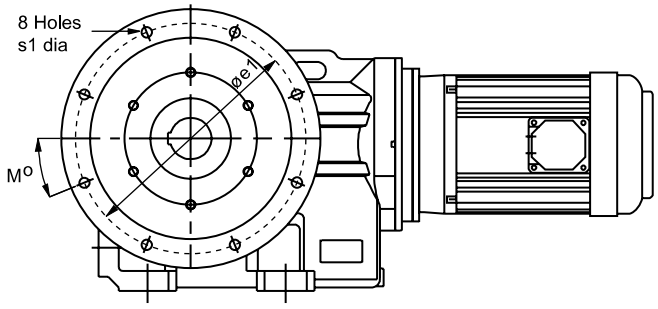
SIZE	a4	d1	G	i	l1	l2	P	R
K03	23.5	10.5 10.3	2	20	36	32	140	20
K04	30	10.5 10.3	2	20	36	32	160	20
K05	40	16.5 16.3	2	18	60	56	192	35
K06	45	16.5 16.3	2	25	60	56	200	35
K07	52.5	16.5 16.3	2	25	60	56	250	35
K08	60	25.25 24.75	5	30	80	70	300	40
K09	70	25.25 24.75	5	40	100	90	350	40
K10	74	25.25 24.75	5	45	100	90	450	40
K12	60	38.25 37.75	8	10	126	110	550	58

NOTES:

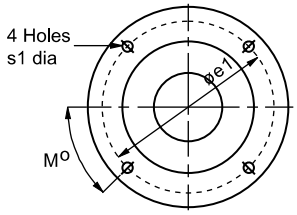
It is recommended that the torque arm is fitted on the side of the unit adjacent to the driven machine.

The use of a fitted bolt is recommended.

Sizes K09 to K12

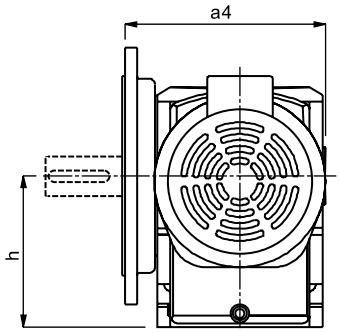


Sizes K03 to K08



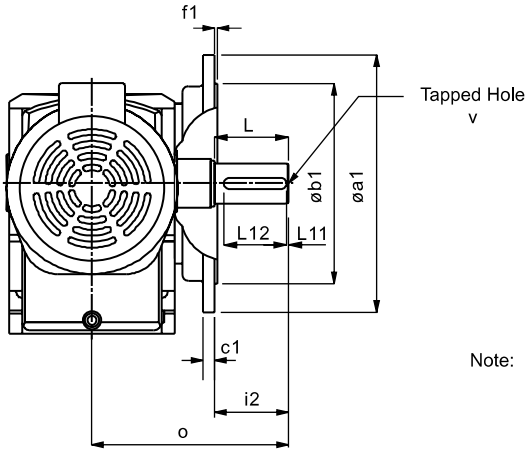
Column 9 Entry

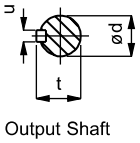
F B5 (D) Output Flange on Left



Column 9 Entry

H B5 (D) Output Flange on Right





Output Shaft

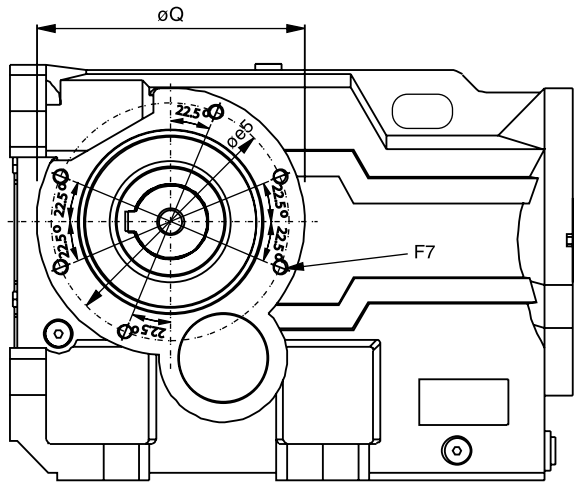
Note: Flange units are supplied as standard with an extended output shaft
Column 11 Entry F

SIZE	øa1	a4	øb1	c1	øe1	f1	h	m	øs1
K03	160	144	110 j6	10	130	3.5	100	45°	9
K04	200	190	130 j6	12	165	3.5	112	45°	11
K05	250	189	180 j6	16	215	4	132	45°	14
K06	250	220	180 j6	18	215	4	140	45°	14
K07	300	247	230 j6	18	265	4	180	45°	14
K08	350	285	250 h6	18	300	5	212	45°	18
K09	450	351	350 h6	20	400	5	265	22.5°	18
K10	450	410.5	350 h6	22	400	5	315	22.5°	18
K12	450	470.5	350 h6	22	400	5	375	22.5°	18

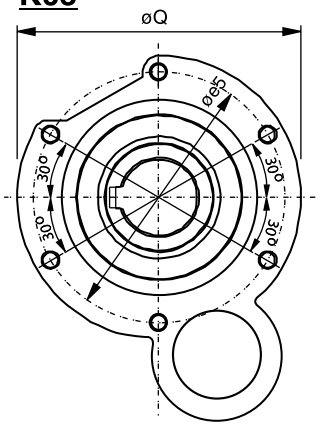
SIZE	Extended Output Shaft - Column 11 Entry F								
	d	i2	L	L11	L12	o	t	u	v
K03	25.015 / 25.002	50	50	3	40	134	28	8	M10 x 1.5, 22 Deep
K04	30.015 / 30.002	60	60	3	50	175	33	8	M12 x 1.75, 28 Deep
K05	35.018 / 35.002	70	70	3	60	176	38	10	M16 x 2, 36 Deep
K06	40.018 / 40.002	80	80	3	70	210	43	12	M16 x 2, 36 Deep
K07	50.018 / 50.002	100	100	3	80	242	53.5	14	M16 x 2, 36 Deep
K08	60.030 / 60.011	120	120	3	100	285	64	18	M20 x 2.5, 42 Deep
K09	70.030 / 70.011	140	140	3	110	341	74.5	20	M20 x 2.5, 42 Deep
K10	90.035 / 90.013	170	170	5	140	405.5	95	25	M20 x 2.5, 42 Deep
K12	110.035 / 110.013	210	210	5	180	475.5	116	28	M24 x 3, 55 Deep

SERIES K
DIMENSIONS
C (B14) FLANGE

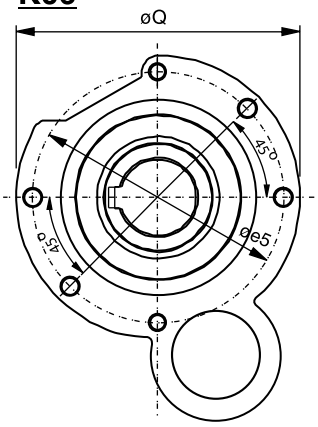
K03, K04 & K08



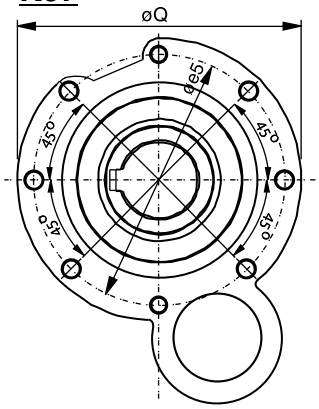
K05



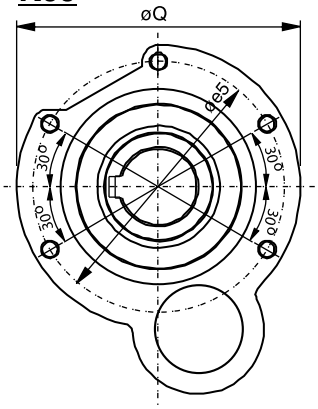
K06

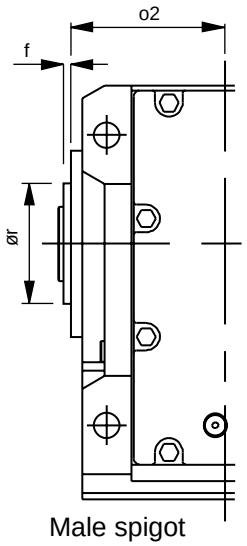


K07

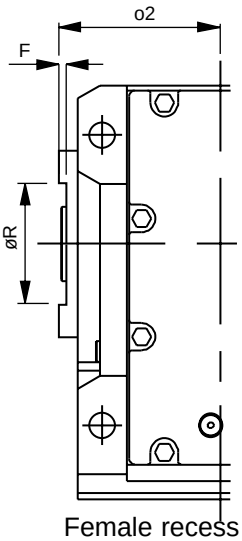


K09



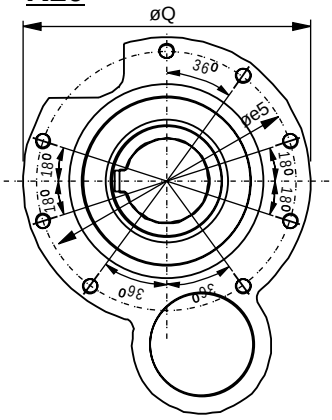


Male spigot
K03 - K07

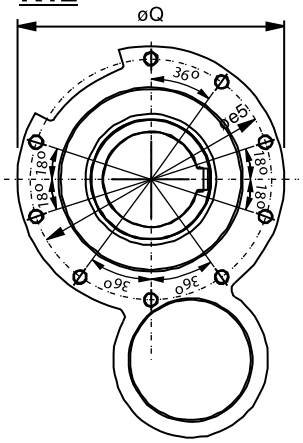


Female recess
K08 - K12

K10

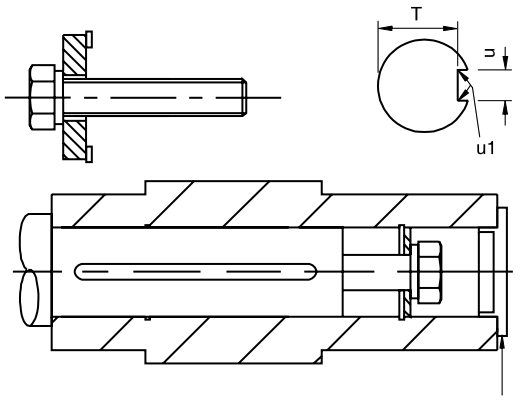


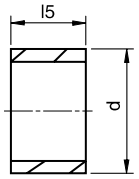
K12



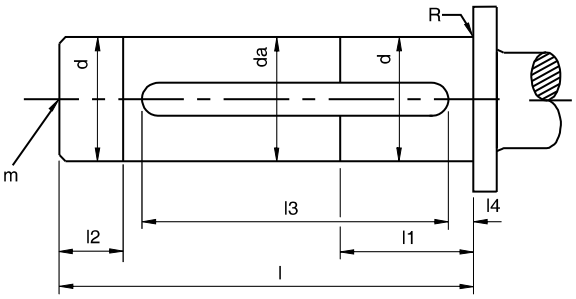
SIZE	øe5	F7	o2	Q	ør h7 spigot ø	øR H7	Spigot f	Recess F
K03	107 pcd	6 Holes M8 x 1.25, 12 Deep	55	122	85	-	2.5	-
K04	130 pcd	6 Holes M8 x 1.25, 12 Deep	70	146	105	-	2.5	-
K05	125 pcd	6 Holes M10 x 1.5, 17 Deep	75	150	105	-	3.0	-
K06	150 pcd	6 Holes M10 x 1.5, 17 Deep	83	180	130	-	3.5	-
K07	150 pcd	8 Holes M10 x 1.5, 17 Deep	95	180	130	-	6.0	-
K08	195 pcd	6 Holes M12 x 1.75, 20 Deep	115	220	-	150	-	5.0
K09	230 pcd	5 Holes M16 x 2.0, 27 Deep	145	260	-	180	-	6.0
K10	280 pcd	8 Holes M16 x 2.0, 27 Deep	170	310	-	210	-	7.0
K12	280 pcd	9 Holes M16 x 2.0, 27 Deep	200	310	-	210	-	7.0

ASSEMBLY ONTO SHAFT - CUSTOMERS SHAFT DETAIL





Spacer tube for use with customer shaft without shoulder (Not supplied)

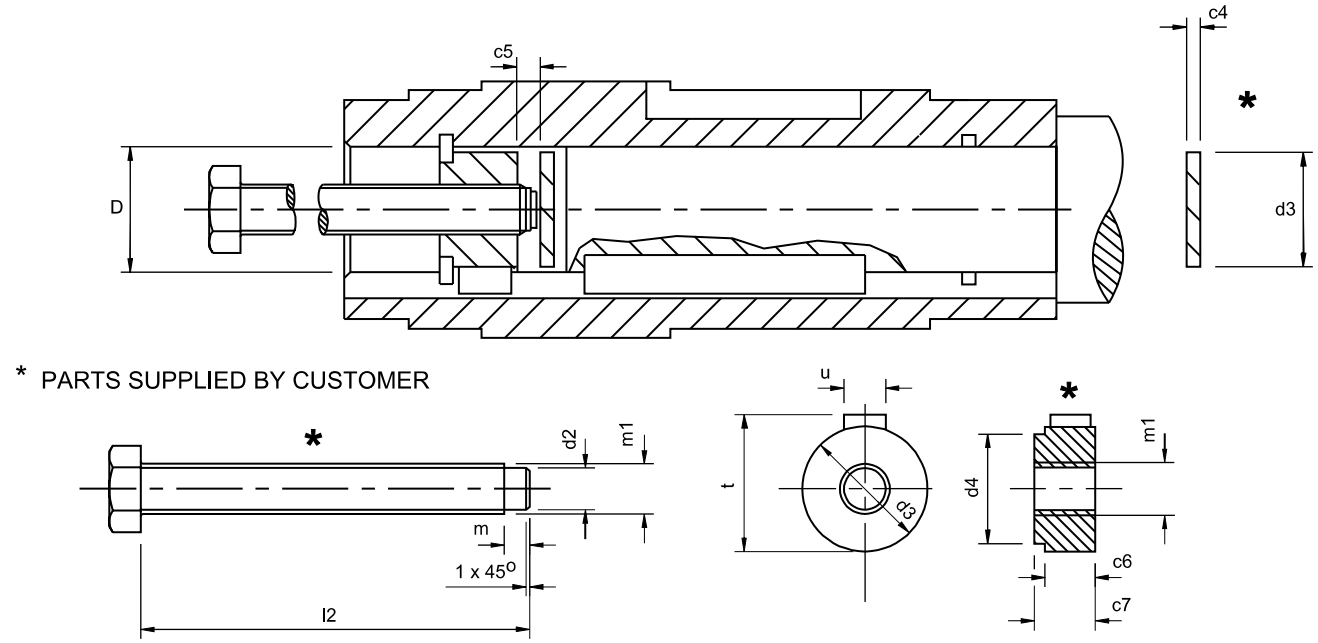


SIZE	d	da	l	l1	l2	l3	l4	l5	m	N	R	T	u	u1
K03	29.993/ 29.980	29.6	82	45	15	70.3 70.0	3	23	M10 x 1.5 22 deep	15 Nm	0.8R	26.0 25.8	8.000 / 7.964	0.16 0.25R
K04	34.991/ 34.975	34.6	109	60	20	90.5 90.0	3	23	M12 x 1.75 30 deep	20 Nm	0.8R	30.0 29.8	10.000 / 9.964	0.16 0.25R
K05	39.991/ 39.975	39.6	112	60	20	92.5 92.0	3	30	M16 x 2 38 deep	45 Nm	0.8R	35.0 34.8	12.000 / 11.957	0.4 0.25R
K06	39.991/ 39.975	39.6	126	75	25	100.5 100.0	3	30	M16 x 2 38 deep	45 Nm	0.8R	35.0 34.8	12.000 / 11.957	0.4 0.25R
K07	49.991/ 49.975	49.6	153	90	30	130.5 130.0	3	30	M16 x 2 38 deep	45 Nm	0.8R	44.5 44.3	14.000 / 13.957	0.4 0.25R
K08	59.990 / 59.971	59.6	173	90	30	148.5 148.0	3	37	M20x 2.5 42 deep	85 Nm	0.8R	53 52.8	18.000 / 17.957	0.4 0.25R
K09	69.990 / 69.971	69.6	232	105	35	161.5 161.0	3	38	M20 x 2.5P 42 deep	85 Nm	0.8R	62.5 62.3	20.000 / 19.948	0.6 0.4R
K10	79.990 / 79.971	79.6	275	120	40	188.5 188.0	5	37	M20 x 2.5P 42 deep	85 Nm	0.8R	71 70.8	22.000 / 21.948	0.6 0.4R
K12	99.988/ 99.966	99.6	327	150	50	238.5 238.0	10	46	M24 x 3 55 deep	200 Nm	0.8R	90 89.8	28.000/ 27.948	0.4 0.4R

Assembly Instructions

1. Spray the hollow shaft bore and mating diameter of the output shaft with Rocol DFSM or equivalent anti-scuffing spray.
2. Fit key into shaft.
3. Fit the circlip into the output sleeve.
4. Fit the spacer tube only if the output shaft has no shoulder, then fit the output shaft into the output sleeve.
5. Secure in place with the washer and bolt. Torque tighten to the values stated in column N of the above table.
6. Fit plastic protective cover.

DISASSEMBLY METHOD FROM SHAFT



SIZE	c4	c5	c6	c7	D	d2	d3	d4	l2	m	m1	t	u
K03	5	3.00	15	17	30	13	29.9	20.8	130	3	M16 x 1.5	33	8
K04	5	3.00	15	17	35	13	34.9	25.2	160	3	M16 x 1.5	38	10
K05	5	4.00	20	23	40	20	39.9	29.9	190	3	M24 x 1.5	43	12
K06	5	4.00	20	23	40	20	39.9	29.9	190	3	M24 x 1.5	43	12
K07	5	4.00	20	23	50	20	49.9	39.0	220	3	M24 x 1.5	53.5	14
K08	8	5.00	24	27	60	26	59.9	47.4	250	5	M30 x 1.5	64	18
K09	8	6.05	24	27	70	26	69.9	56.4	310	5	M30 x 1.5	74.5	20
K10	8	6.00	24	27	80	26	79.9	65.5	360	5	M30 x 1.5	95	22
K12	8	8.00	30	34	100	32	99.9	84.1	420	5	M36 x 1.5	116	28

BASE MOUNT UNITS WITH STANDARD HOLLOW SHAFT

UNIT SIZE & No OF REDUCTIONS			K0332	K0432	K0532	K0632	K0652	K0732	K0752	K0832	K0852	K0931	K0951	K1031	K1051	K1231	K1251
REDUCER VERSION			16	21	32	40	51	61	70	113	139	174	197	306	321	458	485
OUTPUT SHAFT			0.7	1.1	1.3	1.8	1.8	3.5	3.5	6.1	6.1	10.8	10.8	18.5	18.5	34.6	34.6
OUTPUT FLANGE			1.3	2.8	4	5.4	5.4	7	7	15	15	17	17	26	26	26	26
MOTORISED	63	Without Motor	16	21			52		70								
		With Motor	21	26			56		75								
		With Motor & Brake	22	27			57		76								
	71	Without Motor	16	21			52		70								
		With Motor	22	28			58		76								
		With Motor & Brake	23	29			59		77								
	80	Without Motor	16	22	31	39	52	58	70	114	139	167	197		321		481
		With Motor	26	31	41	49	62	67	80	123	148	176	206		331		491
		With Motor & Brake	28	33	43	51	64	69	82	125	150	178	208		333		493
	90S	Without Motor	17	22	32	40	53	59	71	114	140	167	198		322		482
		With Motor	31	36	46	54	66	72	85	127	153	180	211		336		496
		With Motor & Brake	34	39	49	57	69	75	88	130	156	183	214		339		499
	90L	Without Motor	17	22	32	40	53	59	71	114	140	167	198		322		482
		With Motor	32	37	47	55	67	73	86	128	154	181	212		337		497
		With Motor & Brake	35	40	50	58	70	76	89	131	157	184	215		340		500
	100L	Without Motor			35	43		61		116	142	169	200	293	325	427	485
		With Motor			59	67		85		140	166	193	224	317	349	451	509
		With Motor & Brake			64	72		90		145	171	198	229	322	354	456	514
	112M	Without Motor			35	43		61		116	142	169	200	293	325	427	485
		With Motor			66	74		92		147	173	200	231	324	356	458	516
		With Motor & Brake			71	79		97		152	178	205	236	329	361	463	521
	132S	Without Motor						63		119		172		296	327	430	487
		With Motor						111		167		220		344	375	478	535
		With Motor & Brake						120		176		229		353	384	487	544

ALL WEIGHTS IN KG

ALL WEIGHTS EXCLUDE LUBRICANT AND ARE FOR STANDARD SHAFT MOUNT UNITS, FOR FLANGE OR BASE MOUNT UNITS ADD WEIGHT OF FLANGE / SHAFT (SHOWN AT TOP OF TABLE) TO THE FIGURES SHOWN ABOVE
Above figures are indicative may vary as per make of motor

BASE MOUNT UNITS WITH STANDARD HOLLOW SHAFT

UNIT SIZE & No OF REDUCTIONS			K0332	K0432	K0532	K0632	K0652	K0732	K0752	K0832	K0852	K0931	K0951	K1031	K1051	K1231	K1251
REDUCER VERSION			16	21	32	40	51	61	70	113	139	174	197	306	321	458	485
OUTPUT SHAFT			0.7	1.1	1.3	1.8	1.8	3.5	3.5	6.1	6.1	10.8	10.8	18.5	18.5	34.6	34.6
OUTPUT FLANGE			1.3	2.8	4	5.4	5.4	7	7	15	15	17	17	26	26	26	26
MOTORISED	132M	Without Motor						63		119		172		296	327	430	487
		With Motor						115		171		224		348	379	482	539
		With Motor & Brake						124		180		233		357	388	491	548
	160L	Without Motor								124		177		301		436	
		With Motor								219		272		396		531	
	160M	Without Motor								124		177		301		436	
		With Motor								237		290		414		549	
	180M	Without Motor										190		314		448	
		With Motor										357		481		615	
	180L	Without Motor										190		314		448	
		With Motor										371		495		629	
	200L	Without Motor										194		318		453	
		With Motor										426		550		685	
	225S	Without Motor										198		322		457	
		With Motor										485		609		744	
	225M	Without Motor										198		322		457	
		With Motor										520		644		779	
	250M	Without Motor														471	
		With Motor														856	
	280S	Without Motor														471	
		With Motor														981	
	280M	Without Motor														471	
		With Motor														1071	

ALL WEIGHTS IN KG

ALL WEIGHTS EXCLUDE LUBRICANT AND ARE FOR STANDARD SHAFT MOUNT UNITS, FOR FLANGE OR BASE MOUNT UNITS ADD WEIGHT OF FLANGE / SHAFT (SHOWN AT TOP OF TABLE) TO THE FIGURES SHOWN ABOVE
Above figures are indicative 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 Ltd. 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 Ltd. equipment will operate safely provided it is selected, installed, used and maintained properly. As with any power transmission equipment **proper precautions must** be taken as indicated in the following paragraphs, to ensure safety.

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

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

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

3) Noise - High speed gearboxes and gearbox driven machinery may produce noise levels which are damaging to the hearing with prolonged exposure.

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 manufacturer's 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 commissioning, Power Build Ltd. 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 Ltd. 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.