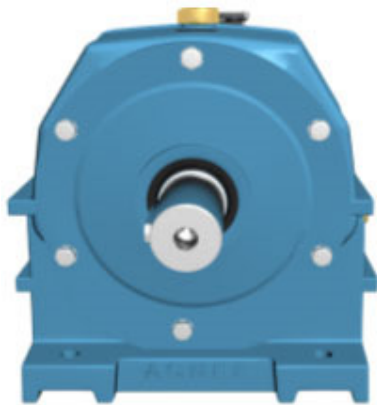


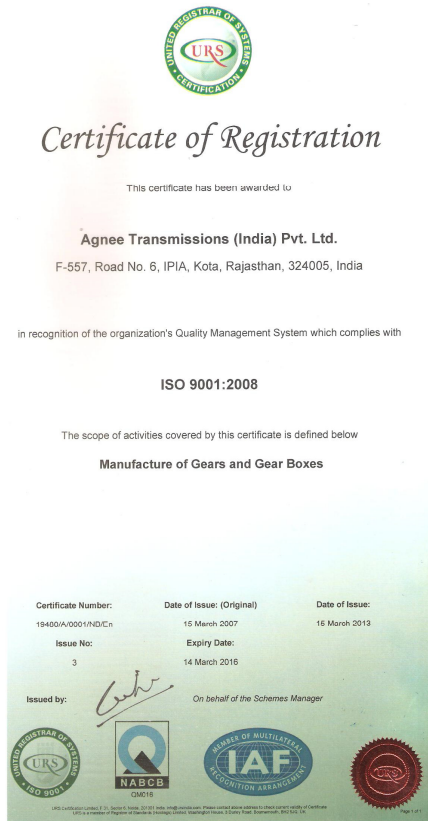
IN LINE HELICAL GEAR BOX AND GEARED MOTORS

TECHBOX AM



We are currently exporting to the countries mentioned below:





A vertical strip of seven small images. From top to bottom: a laptop screen and keyboard; a person in a dark suit and white shirt; a person in a white shirt and dark pants standing in a field; a watermelon; a car wheel; two workers in yellow safety vests and hard hats; and a couple in a close embrace.

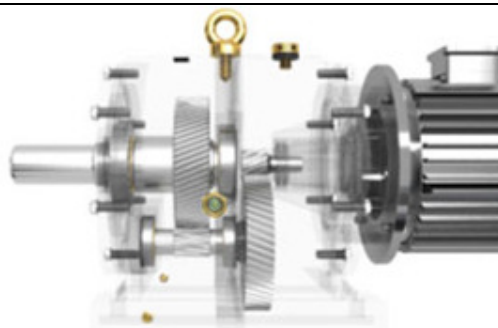
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Technical Characteristics

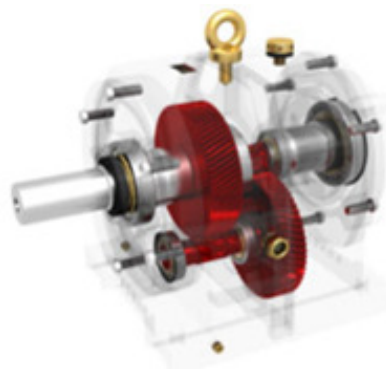
- TECHBOX Helical Gear Units are designed for continuous duty under difficult operating conditions



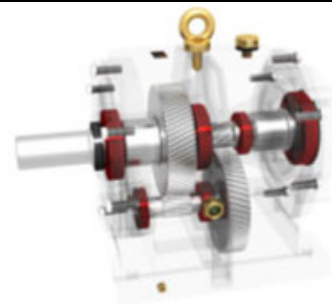
- State of the art gear box housing designed for operation under harsh conditions
- Gear case and flanges of high strength gray cast iron
- Compact closed rigid, precise, monobloc, cast iron housing for preventing of lubrication loss and dirt built up.

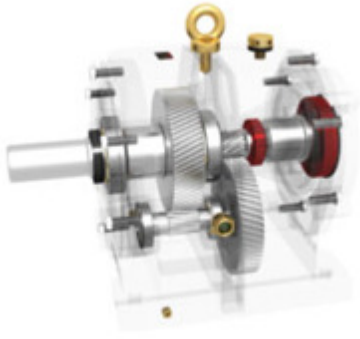
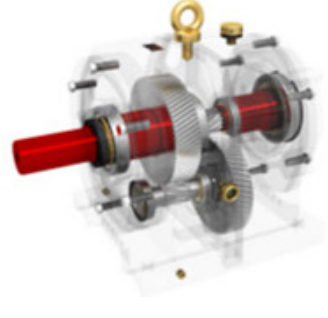


- Gear Wheels made of high strength case hardened steel
- Highly wear resistant though flank hardness of 58-62 HRC
- Tooth Flanks of all gear wheels are hobbled and profile ground to AGMA 10 accuracy for low noise and high efficiency.



- Strong, non flexible pinion shafts and bearings guarantee an exact tooth meshing
- Oversize bearings size to withstand higher loads



• Dual bearing support on the input shaft assures precise alignment of the first stage gears and reduces vibrations and consequent gear wear	
• Shafts are made from En-8 and tempered thus increasing their capacity to withstand shearing stress • To withstand higher radial loads, Smaller overhang distance of output shaft from supporting bearings. • Mechanical parts locked in their positions by snap rings and spacers. This also ensures better absorption of axial thrust and prolongs the life of bearings.	
• Higher ratio available through attachment of pre stage or pre connected gear box • Ratios available from 1.4 - 250	

ABOUT AGNEE TECHBOX CONCEPT

AGNEE TECHBOX™ is designed to be the most competitive high-efficiency gear reducer series in today's market. The key development factor of **AGNEE TECHBOX™** is the Modularity Concept: modular production, modular assembly, modular gear reducers.

TECHBOX™ is built with standardized parts, sharing gears, shafts and input sets to simplify the production process and improve delivery. The interchangeable parts make **TECHBOX™** gear reducers the most flexible reducer series available.

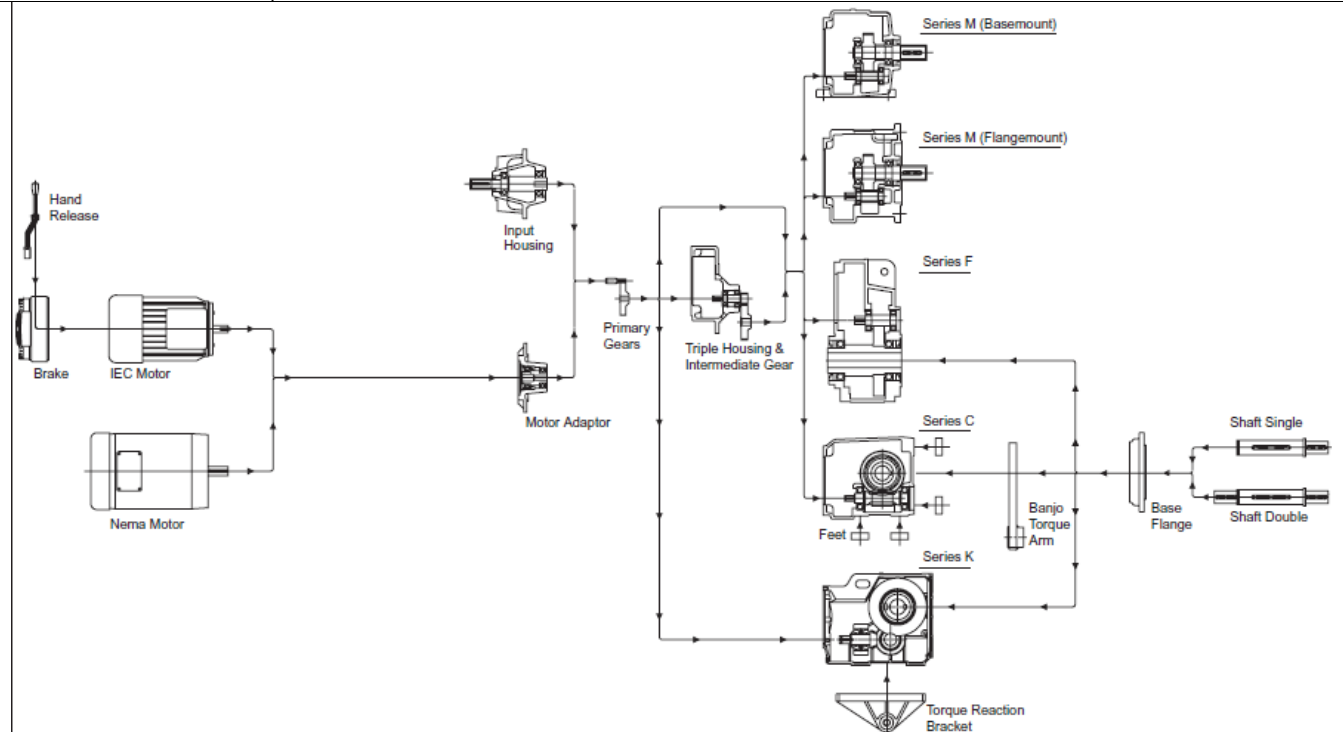
TECHBOX™ reducers can be easily adapted for any application. AGNEE has developed a new, flexible, high performance gear reducer series while improving production and performance quality.

TECHBOX™ introduces key design changes that reflect AGNEE'S commitment to innovation:

The **TECHPARTS™** system is designed to standardize parts throughout the **TECHBOX™** series, lowering cost, shortening lead times and increasing application flexibility. High-speed helical gears are a common part in the **TECHBOX™** line, used in all series (AM, AC, AF and AK). while output shafts are common between the C, F and K series. All series also share an interchangeable input set, including the input flanges, allowing parts to be preassembled for faster production and better quality.

All **TECHBOX™** reducers feature the **TORQUECASE™** one piece castings of the main housing that enable the reducer to transmit more torque. The **TORQUECASE™** also allows for more distance between support bearings, distributing loads more evenly and increasing overhung load ratings.

TORQUECASE™ uses the interchangeable input sets of the **TECHPARTS™** system, so each reducer's power section can be tailored for maximum torque.



Explanation and use of ratings & Service factor

Service Factor

The Service factor of a gear box is its capacity to withstand the operating loads and overloads, a certain number of starts, the duration of operating time, mechanical shocks and vibrations. Thus, higher the service factor greater is the possibility of trouble free operation and increased life.

Rated output torque, M_{n2} [Nm]

Torque transmissible through output shaft, under uniform loading and based on service factor $f_m=1$, and referred to specific input speeds n_1 and corresponding output speed n_2 .

The Rated output torque can be calculated with following formula:

$$M_{n2} = \frac{P_{n1} [\text{kW}] \cdot 9550}{n_2} \cdot \eta$$

Torque demand, M_{r2} [Nm]

Torque calculated based on application requirements. It must always be equal to or less than rated output torque M_{n2} for the chosen TECHBOX unit.

Input rated power, P_{n1} [kW]

This is the power value of the motor applied to the input shaft and corresponding to a certain input speed n_1 , a service factor $f_m=1$

It is possible to calculate the motor size necessary for the particular application by using the formula:

$$P_{n1} [\text{kW}] = \frac{M_{r2} \cdot n_2}{9550 \cdot \eta}$$

Since the value calculated by above formula could not really correspond to an input power actually available in the market in the IEC standardized motors, it will be necessary to choose among the input powers available, the one which is immediately higher than the calculate Power **P_{n1}**

EFFICIENCY $[\eta]$

An inherent factor in the selection of helical gear box is the efficiency η , defined as the ratio between the mechanical power coming out from the output shaft, and power in the input shaft:

$$\eta = \frac{P_{n2}}{P_{n1}}$$

The efficiency in helical gearboxes is mainly determined by the gearing and bearing friction.

The efficiency of TECHBOX AM series gear boxes varies with the number of stages. It is 96% when the reduction stages are 2 and 94% when the stages are 3.

The starting efficiency is always less than the efficiency at rated speed.

GEAR RATIO $[i]$

The value for the gear ratio is referred to with the letter $[i]$, and calculated through the relationship of the input speed n_1 to the output speed n_2 .

$$i = \frac{n_1}{n_2}$$

In the combined gear boxes, the total ratio is the result of the product of the ratio of the two single gear boxes.

INPUT SPEED n_1 (rpm)

It is the speed the TECHBOX unit is driven at.

OUTPUT SPEED n_2 (rpm)

It is the rotation speed of the output shaft.

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

i.e. Equivalent Load = Actual Load x Service Factor

Mechanical ratings and service factor: Fm

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

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

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

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

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

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

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

For applications where units are to operate in extremely dusty or moist/humid atmospheres unit selection should be referred to AGNEE 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

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



TABLE 3 U= Uniform Load M= Moderate Shock Load H= Heavy Shock Load †=Refer to Agnee		Driven Machine		Type of Load	Driven Machine		Type of Load	Driven Machine		Type of Load	
		Cranes main hoists bridge trolley		travel travel	U † †	log haul-incline log haul-well type log turning device main log conveyor off bearing rolls planer feed chains planer floor chains planer tilting re-saw merry-go-round		H H H H H M M M	log haul presses pulp machine reel stock chest suction roll washers and thickeners winders		H M M M M M M
Driven Machine		Type of Load	Crusher ore stone sugar Dredges cable reels conveyors cutter head drives jig drives manoeuvring winches pumps screen drive stackers utility winches		H H H M M M M M				Printing presses		†
Agitators pure liquids liquids and solids liquids-variable density		U M M				conveyor roll cases slab conveyor small conveyor-belt small waste conveyor-chain sorting table tipple hoist conveyor tipple hoist drive transfer conveyors transfer rolls tray drive trimmer feed waste		M H H H U M M M M M M M	Barge haul Pumps centrifugal proportioning reciprocating single acting; 3 or more cylinders double acting; 2 or more cylinders single acting; 1 or 2 cylinders double acting; single cylinder rotary gear type lobe, vane		H U M M M M † U U H M
Blowers centrifugal lobe vane		U M U							Rubber and plastics industries crackers laboratory equipment mixed mills refiners rubber calenders rubber mill-2 on line rubber mill-3 on line sheeter tire building machines tire and tube press openers tubers and strainers warming mills		U M M M M M † M M M M M
Brewing and distilling bottling machinery brew kettles-continuous duty cookers-continuous duty mash tubs-continuous duty scale hopper-frequent starts		M M M M M M	Dry dock cranes main hoist auxiliary hoist boom, luffing rotating, swing or slewing wheels tracking, drive		† † † † †				Sand muller		U U U U
Can filling machines Cane knives Car dumpers Car pullers Clarifiers Classifiers Clay working machinery brick briquette machine clay working machinery pug		M M H U U M H H M M	Elevators bucket-uniform load bucket-heavy bucket-continuous centrifugal discharge escalators freight gravity discharge man lifts passenger		U M U U U M U † † U	Machine tools bending roll punch press-gear driven notching press- belt driven plate planers tapping machine other machine main drives auxiliary drives		M H † H H M U H	Sewage disposal equipment bar screens chemical feeders collectors dewatering crewsscum breakers slow or rapid mixers thickeners vacuum filters screens air washing rotary-stone or gravel travelling water intake		H M M M M M M M M M M
Compressors centrifugal lobe reciprocating multi-cylinder single cylinder		U M U M M	Fans centrifugal cooling towers induced draft forced draft induced draft large, mine, etc large, industrial light, small diameter		† † M M M M U M U	Metal mills draw bench carriage and main drive pinch, dryer and scrubber rolls-reversing slitters table conveyors non-reversing group drives individual reversing wire drawing and flattening machine wire winding		M M M M M M M M M M M M	Steering gear Stokers Sugar industry cane knives crushers mills		† U M M M
Conveyors-uniformly loaded or fed apron assembly belt bucket chain flight oven screw		U U U U U U U U	Feeders apron belt disc reciprocating screw		M M M U U M	Mill-rotary type ball cement kilns dryers and coolers kilns, other than cement pebble rod plain wedge bar tumbling barrels		H H H H H H H H H	Slab pushers Sewage disposal equipment bar screens chemical feeders collectors dewatering crewsscum breakers slow or rapid mixers thickeners vacuum filters screens air washing rotary-stone or gravel travelling water intake		M M M M M M M M M
Conveyors-heavy not uniformly fed apron assembly belt bucket chain flight live roll oven reciprocating screw shaker		M M M M M M M M M M M M	Food industry beef slicer cereal cooker dough mixer meat Generators-not welding Hammer mills Hoists heavy duty medium duty skip hoist Laundry washers reversing Laundry tumblers Line shafts driving processing equipment light other line shafts Lumber industry barkers-hydraulic- mechanical burner conveyor chain saw and drag saw chain transfer craneway transfer de-barking drum edger feed gang feed green chain live rolls log deck		H 						

LUBRICATION

TECHBOX AM Series gear boxes are equipped with fill, drain and level plugs. The speed reducer is supplied un-lubricated and the oil shall be filled by the Customer before start-up. The table below indicates the approximate quantity to be filled in the reducer, according to its mounting position.

Correct level is at mid height of the sight glass.

NOTE: When ordering, always indicate the reducer mounting position.

TECHBOX AM Series gear boxes require an oil change: -10,000 hours for mineral oil, -20,000 hours for synthetic oil

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

Double and Tripe Reduction													
Unit Size	AM0320	AM0330	AM0420	AM0430	AM0620	AM0630	AM0720	AM0730					
MOUNTING POSITION	B3	0.6	0.8	0.6	0.9	1.7	1.8	2.8	3.0				
	B7	0.6	0.8	0.6	0.9	2.1	2.4	4.0	4.9				
	B6	0.8	1.0	1.1	1.3	2.4	2.8	4.4	5.4				
	B8	0.8	1.0	1.1	1.3	2.7	3.4	5.4	7.0				
	V5	0.8	1.7	1.4	2.1	3.5	4.8	5.2	9.0				
	V6	1.0	1.5	1.6	2.1	3.2	4.8	6.0	9.0				
	B5	0.6	0.8	0.6	0.9	1.7	2.2	3.3	3.4				
	V1	0.8	1.7	1.4	2.1	3.1	5.0	6.3	10.0				
	V3	1.0	1.5	1.6	2.1	3.6	5.0	6.8	9.0				
Double and Tripe Reduction													
Unit Size	AM0820	AM0830	AM0920	AM0930	AM1020	AM1030	AM1320	AM1330	AM1420	AM1430	AM1620	AM1630	
MOUNTING POSITION	B3	4.6	6.4	10.5	11.5	11.0	11.0	17.0	17.0	23.0	24.0	52	54
	B7	6.8	7.1	12.0	11.5	22.0	23.0	31.0	33.0	41.0	43.0	66	68
	B6	7.3	6.9	12.0	11.5	22.0	23.0	31.0	33.0	44.0	47.0	70	72
	B8	6.4	6.9	12.0	11.5	19.0	20.0	28.0	30.0	53.0	56.0	82	97
	V5	10.0	8.0	16.8	16.8	32.0	32.0	47.0	47.0	54.0	54.0	94	94
	V6	9.6	9.3	16.4	16.5	26.0	27.0	38.0	40.0	60.0	63.0	112	115
	B5	2.6	2.4	5.5	6.0	8.0	8.0	14.0	14.0	23.0	24.0	52	54
	V1	9.5	9.0	16.0	16.0	22.0	22.0	45.0	45.0	54.0	54.0	94	94
	V3	10.5	10.0	17.0	19.0	28.0	29.0	43.0	44.0	60.0	63.0	112	115

TEMPERATURE LIMITATIONS

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

TABLE 2 RECOMMENDED LUBRICANTS

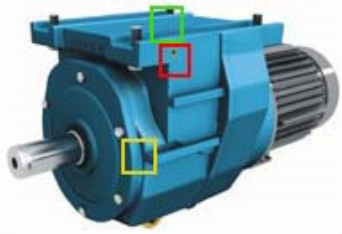
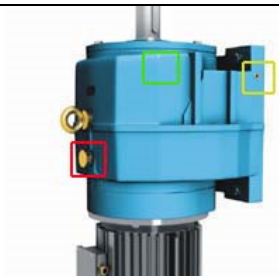
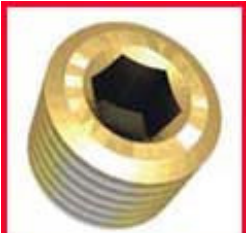
Lubricant	Ambient temperature range		
	5°C - 20°C (E) -30°C - 20°C (H)	0°C - 35°C	20°C - 50°C
EP Mineral oil (type E)	5E (VG 220)	6E (VG 320)	7E (VG 460)
Polyalphaolefin based synthetic (type H)	5H (VG 220)	5H (VG 220)	6H (VG 320)

OPERATING TEMPERATURE

- The operating temperature depends on a number of factor such as type of power transmission, the type and quantity of lubricant, the characteristics and structure of the gear box, the speed and power applied and the environment in which gear box is operating.
- With the TECHBOX, the acceptable operating temperature range can be up to 50° C more than the ambient temperature(maximum 45°C) because of the compactness and the lower quantity of oil contained in the Modern TECHBOX.
- With a standard TECHBOX, the maximum allowable inside temperature is 80° C. Higher temperature could damage the oil seals.

In case of control, it is important to check the operating temperature when the gearbox runs at normal speed is constant ; his indicates that the gear box is running in a trouble free manner.

MOUNTING POSITIONS - (Column 13 Entry)

1 - B3	2 - B7	3 - B6
		
4 - B8	5 - V5	6 - V6
		
		
Breather Plug	Level Plug	Drain Plug

* Mounting Position 6 is not recommended for Geared Motors - Consult Application EngineerR

† Gear Units selected for use in mounting positions 5 and 6 should only be used with overall ratios greater or equal to those shown in the table below:

Size	Input Speed (rpm)			
	< 1000	< 1500	< 1800	> 1800
M01 - M08	All	All	All	Consult Application Engineering
M09	2.0	4.0	4.5	
M10	4.0	8.0	9.0	
M13	6.3	11.0	14.0	
M14	12.0	18.0	22.0	
M16	12.0	18.0	22.0	

MAINTENANCE

For Gearboxes, the first oil change must take place after about 300 hours of operation, carefully flushing the gear unit using suitable detergents.

Do not mix mineral oils with synthetic oils.

Check oil level regularly and change oil at the intervals:

TECHBOX Series gear boxes require an oil change as per table mentioned below:

Oil temperature [°C]	Oil change interval	
	mineral oil	synthetic oil
< 65	8000	25000
65 - 80	4000	15000
80 - 95	2000	12000

INSTALLATION

The following installation instructions must be observed:

- Make sure that the TECHBOX gear box is correctly secured to avoid vibrations.
- If shocks or overloads are expected, install hydraulic couplings, clutches, torque limiters, etc.
- For Satisfactory TECHBOX performance, it is essential to align correctly the motor and the driven machine.
- If TECHBOX is repainted, protect the breather plug hole, the machined surfaces and the outer face of the oil seals to prevent paint drying out the rubber and damaging the sealing properties.
- Before mounting clean and lubricate Mating surfaces must be cleaned and treated with suitable protective products before mounting to avoid oxidation and, as a result, seizure of parts. Coat the hollow shaft with an anti-sieze compound.
- Whenever there are outer loads it is recommended to use pins and positive stops.
- Self locking adhesives should be used on the bolts and joining surfaces of the machine frame to ensure that TECHBOX unit remains surely fixed to the machine in spite of the normal vibrations which any machine would generate.
- Avoid fitting cantilever pinions. If this is not possible, minimize the distance between pinion and output shaft to avoid excessive radial Loads.
- Keep pre-loading of belts and chains to the minimum.
- Never use the hammer for mounting/dismantling of the keyed parts, but use the tapped hole provided on the head of the shaft.
- Parts fitted on the gearbox output shaft must be machined to ISO H7 tolerance to prevent interference fits that could damage the gearbox itself. Further, to mount or remove such parts, use suitable pullers or extraction devices using the tapped hole located at the top of the shaft extension.
- Prior to putting the gear unit into operation make sure that the equipment that incorporates the same complies with the current revision of the Machines Directive..
- Before starting up the machine, make sure that oil level conforms to the mounting position specified for the TECHBOX unit By checking the level Plug..
- For outdoor installation provide adequate guards in order to protect the drive from exposure to rainfalls, dust as well as direct sun radiation.
- Verify the correct direction of the output shaft before assembling the unit on the machine.

STORAGE

Please follow the following instructions to ensure correct storage of the products:

- Do not store outdoors, in areas exposed to weather or with excessive humidity.
- Always place wooden boards or other material underneath the product, to avoid the direct contact with the floor.
- In case of long-term storage (storage period more than 60 days) all machined surfaces such as flanges, shafts and couplings must be coated with a suitable rust inhibiting product (anti-oxidation coating)
- Furthermore gear units must be placed with the fill plug in the highest position and filled up with oil. Oil seals must be touched with oil. Before putting the units into operation the appropriate quantity, and type, of oil must be restored.
- At intervals of 4 to 5 months, the output shafts should be rotated.

TRANSPORTATION

CONDITIONS OF SUPPLY

Gear units are supplied as follows:

- configured for installation in the mounting position specified when ordering;
 - tested to factory specifications;
 - mating machined surfaces unpainted;
 - nuts and bolts for mounting motors are provided;
 - shafts are protected;
 - supplied with lifting lug, (where applicable).
- e) AGNEE dispatches the TECHBOX in Packing suitable for transportation. However if any damage is observed on receipt of the box / carton containing the gear box, our sales executive or customer case executive must be informed about such a damage.

Types and version of TECHBOX- AM Gear Units

The Range Includes

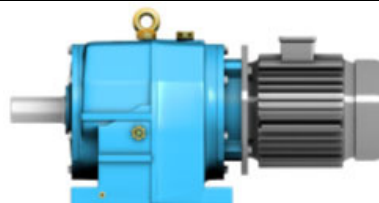
Nine sizes of unit with a ratio coverage of 1.4/1 to 70/1 in double reduction and up to 250/1 in triple reduction.

Version B – Base Mounted, Version F – Flange Mounted, Unit type M - Motorised

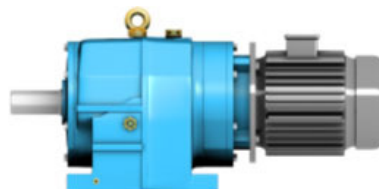
Unit type G - Motorised (non std motor) , Unit type R - Reducer , Unit type S - Reducer unit fitted with a fan

Unit type X - Reducer unit fitted with a backstop, UNIT type Y - Reducer unit with a fan & backstop

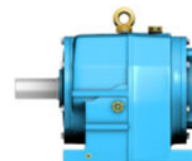
Two Stage base Mount Motorised Gear Unit ,
generally known as foot mounted geared motor.



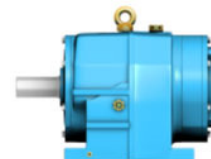
Three Stage base Mount Motorised Gear Unit,
generally known as foot mounted geared motor.



Two Stage base mounted gear unit without motor,
generally known as foot mounted, hollow input gear
box



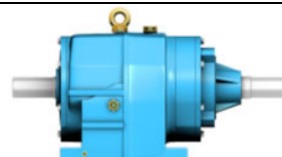
Three Stage base mounted gear unit without motor,
generally known as foot mounted, hollow input gear box



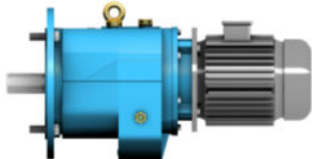
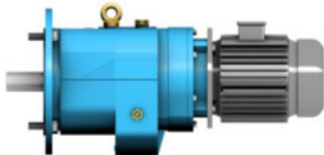
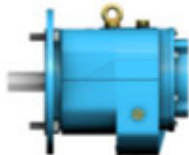
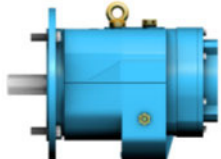
Two Stage base mounted gear reducer
generally known as foot mounted, solid input gear
box



Three Stage base mounted gear reducer
generally known as foot mounted, solid input gear box



Types and version of units- TECHBOX- AM Gear Units

Two Stage Flange Mount Motorised Gear Unit , generally known as flange mounted geared motor.	
Three Stage Flange Mount Motorised Gear Unit, generally known as flange mounted geared motor.	
Two Stage flange mounted gear unit without motor, generally known as flange mounted, hollow input gear box	
Three Stage flange mounted gear unit without motor, generally known as flange mounted, hollow input gear box	
Two Stage flange mounted gear reducer generally known as flange mounted, solid input gear box	
Three Stage flange mounted gear reducer generally known as flange mounted, solid input gear box	

UNIT DESIGNATIONS

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

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*																				
Example	AM	0	3	2	0	8	.	0	B	M	C	-	B1	A	.	7	5	4	A	-

1 - Series AM
Range A M

2, 3 - Size of Unit
0 3 Through 1 4

4 - No of Reductions
2 Through 5

5 - Revision Version
0 ETC

6, 7, 8 - Nominal Overall Ratio
eg 8 . 0 See Pages 18
5 0 .

9 - Unit Version
B - Base Mounted
F - Flange Mounted

10 - Type of Unit
M - Motorised
G - Unit to allow fitting of (IEC) Standard motor
R - Reducer unit
S - Reducer unit fitted with a fan kit
X - Reducer unit fitted with a backstop
Y - Reducer unit with fan kit and backstop

20 - Additional Features
Paint, Double Oil Seal, Motorised Backstop Etc
eg - F

19 - Additional Motor Features
eg - A
See Page 20-21
For R or G Types Without Motor Enter -

18 - No of Motor Poles
2 4 6 OR 8
For R or G Type Enter -

15, 16, 17 - Geared Motor
Motor Power Required
eg . 7 5
. 1 8
For R or G Type Enter - - -

13, 14 - Mounting Position
eg B3 B

12 - Motor Adaptor for For G or M Type Unit
For All Other Types Enter -

11 - Output Shaft see page 19
C - Standard
E - IEC, Flange Mounted Units Only
Z - Special

Available on sizes M07, M08, M09, M10, M13 and M14 only

EXACT RATIOS

EXACT RATIOS-DOUBLE REDUCTION

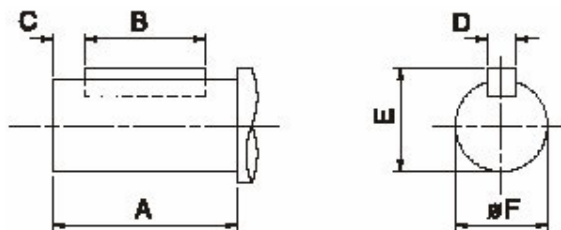
Nominal Ratio	AM0320	AM0420	AM0620	AM0720	AM0820	AM0920	AM1020	AM1320	AM1420
1 . 4	1.440	1.454	1.448	1.453	1.449	1.479	1.442	-	-
1 . 8	1.945	2.039	2.033	2.013	2.054	2.036	2.015	-	-
2 . 2	2.213	2.247	2.278	2.261	2.282	2.282	2.191	-	-
2 . 5	2.507	2.552	2.557	2.486	2.538	2.562	2.489	-	-
2 . 8	2.945	2.815	2.812	2.881	2.909	2.969	2.992	2.904	2.888
3 . 2	3.206	3.241	3.248	3.247	3.282	3.301	3.242	3.189	3.247
3 . 6	3.455	3.682	3.681	3.692	3.684	3.688	3.500	3.638	3.822
4 . 0	3.979	3.949	3.953	3.991	4.123	4.088	4.179	4.025	4.029
4 . 5	4.526	4.351	4.431	4.483	4.580	4.582	4.545	4.421	4.537
5 . 0	5.066	5.034	5.040	5.094	5.117	5.073	4.938	5.042	5.333
5 . 6	5.762	5.547	5.649	5.722	5.684	5.686	5.370	5.538	6.005
6 . 3	6.557	6.276	6.316	6.438	6.588	6.628	6.724	6.210	6.548
7 . 1	7.067	7.130	7.160	7.320	7.396	7.404	7.260	6.879	7.270
8 . 0	8.348	8.000	8.053	8.218	8.175	8.224	7.945	7.779	8.667
9 . 0	8.997	9.088	9.129	9.344	9.178	9.188	8.578	8.618	9.623
1 0 .	10.11	9.705	9.832	9.778	10.22	10.27	10.59	9.891	10.06
1 1 .	11.56	11.03	11.44	11.24	11.90	11.71	11.98	11.20	11.43
1 2 .	12.88	12.37	12.54	12.48	12.68	12.74	12.51	12.39	13.32
1 4 .	14.71	14.05	14.58	14.34	14.76	14.53	14.16	14.03	15.13
1 6 .	15.60	15.87	16.16	16.09	16.34	16.59	16.43	15.97	16.43
1 8 .	18.28	17.25	17.25	18.20	18.44	18.43	18.25	18.00	18.11
2 0 .	19.86	20.23	20.61	20.54	20.27	20.59	19.41	20.00	21.75
2 2 .	23.27	21.99	22.00	23.23	22.89	22.87	21.57	22.55	23.97
2 5 .	25.56	24.85	25.25	25.16	26.07	26.04	26.03	25.45	26.07
2 8 .	28.40	28.00	27.65	27.56	28.64	28.74	29.99	28.35	28.25
3 2 .	32.54	31.68	32.19	32.12	32.35	32.31	30.76	31.89	34.51
3 6 .	36.16	35.69	35.25	35.17	35.54	35.67	35.44	35.52	37.39
4 0 .	38.73	39.37	38.75	39.24	40.82	40.25	37.06	39.01	39.42
4 5 .	43.03	44.36	42.43	42.98	44.84	44.44	42.70	43.45	42.71
5 0 .	49.91	47.09	48.15	48.56	47.56	49.07	47.93	48.63	51.27
5 6 .	56.72	53.54	54.00	53.96	54.76	55.18	51.49	51.74	57.52
6 3 .	59.39	58.54	57.96	59.34	60.00	61.13	57.75	59.49	58.57
7 1 .	67.50	66.65	65.00	65.93	69.09	68.74	62.05	63.29	65.70

EXACT RATIOS-TRIPLE REDUCTION

Nominal Ratio	AM0330	AM0430	AM0630	AM0730	AM0830	AM0930	AM1030	AM1330	AM1430
3 6 .	36.12	35.19	35.47	35.49	-	-	-	- -	
4 0 .	41.28	40.22	40.30	41.28	-	-	-	39.93	41.38
4 5 .	45.99	44.86	45.23	45.30	-	-	-	44.18	48.21
5 0 .	52.55	51.26	51.38	52.69	-	-	-	50.02	54.75
5 6 .	55.71	54.28	58.00	58.34	59.07	59.85	60.23	56.93	59.46
6 3 .	65.27	63.60	63.06	62.29	66.68	66.49	66.93	64.17	65.55
7 1 .	70.93	69.19	73.95	74.47	73.30	74.26	71.17	71.32	78.70
8 0 .	83.10	81.07	80.40	79.51	82.74	82.51	79.08	80.39	86.76
9 0 .	91.29	88.94	90.84	91.15	94.26	93.92	95.44	90.75	94.35
1 0 0	101.4	98.82	102.4	99.80	103.5	103.7	110.0	101.1	102.2
1 1 2	116.2	113.4	115.8	116.3	117.0	116.5	112.8	113.7	124.9
1 2 5	129.1	126.0	130.5	127.4	128.5	128.7	129.9	126.6	135.3
1 4 0	138.3	140.9	139.4	142.2	147.6	145.2	135.9	139.1	142.7
1 6 0	153.7	156.6	157.1	155.7	162.1	160.3	156.6	154.9	154.6
1 8 0	178.2	173.9	172.2	174.0	171.9	177.0	175.7	173.4	185.6
2 0 0	202.6	197.6	195.8	195.2	198.0	199.0	188.8	184.5	208.2
2 2 5	212.1	216.1	207.3	212.6	216.9	220.5	211.8	212.1	212.0
2 5 0	241.1	245.6	235.6	238.5	249.8	248.0	227.5	225.6	237.8

OUTPUT SHAFT OPTIONS ADDITIONAL FEATURES

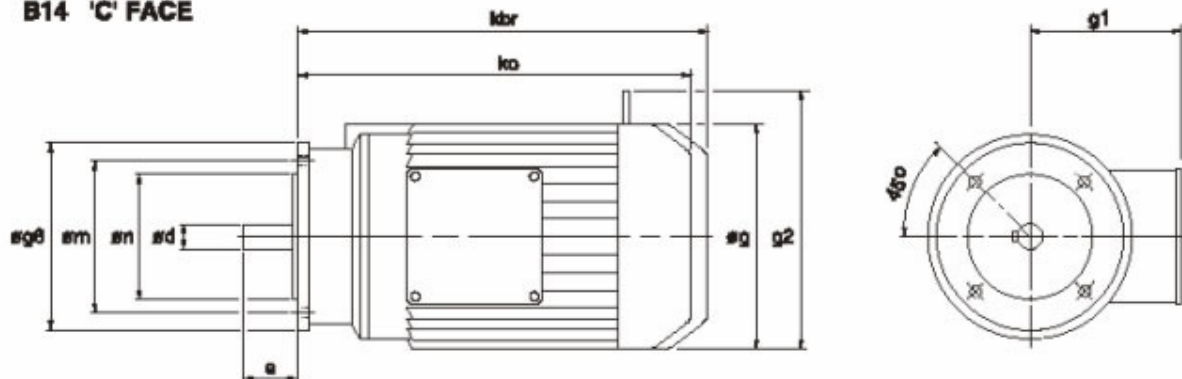
OUTPUT SHAFT OPTIONS.



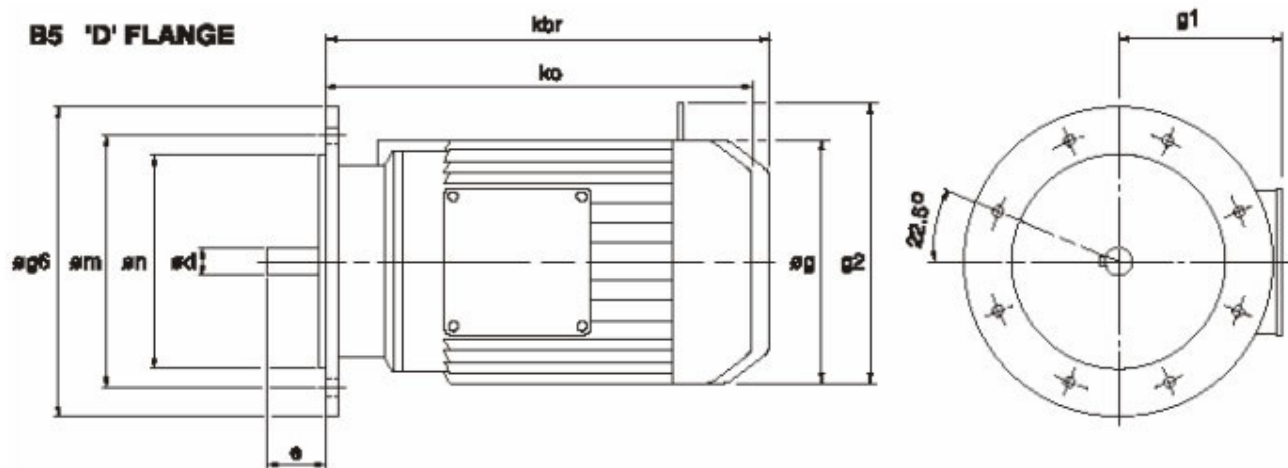
**IEC available on flange mount units only

Size of unit		AM03		AM04		AM06		AM07		AM08		AM09	AM10	AM13	AM14
Type of Output Shaft		Standard	IEC**	Standard	IEC**	Standard	IEC**	Standard	IEC**	Standard	IEC**	Std./IEC**	Std./IEC**	Std./IEC**	Std./IEC**
Column 11 Entry		C	E	C	E	C	E	C	E	C	E	C	C	C	C
DIMENSIONS IN MM	A	40	40	50	50	60	60	80	80	100	110	120	140	170	210
	B	32	32	40	40	50	50	70	70	80	80	100	110	140	180
	C	4	3	7	3	7	3	5	3	10	3	10	15	15	15
	D	6	6	8	8	8	8	12	10	14	14	18	20	25	28
	E	22.5	21.5	28	27	33	31	43	41	53.5	51.5	64	74.5	95	106
	ØF	20.015	19.090	25.015	24.090	30.015	28.090	40.018	38.018	50.018	48.018	60.030	70.030	90.035	100.035

MOTOR DETAILS

B14 'C' FACE


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

B5 'D' FLANGE


MOTOR FRAME SIZE	øg6	øm	øn	ød	e	ko	kbr	øg	g1	g2	FIXING BOLTS
63	140	115	95	11	23	185	227	122	101	160	4-M8
71	160	130	110	14	30	210	251	137	107	167	4-M8
80A	200	165	130	19	40	230	280	158	118	190	4-M10
90S/L	200	165	130	24	50	270	329	177	149	218	4-M10
100L	250	215	180	28	60	340	408	197	159	238	4-M12
112	250	215	180	28	60	340	408	197	159	238	4-M12
132S/M	300	265	230	38	80	402	473	253	184	288	4-M12
160M/L	350	300	250	42	110	538	627	314	230	397	4-M16
180M	350	300	250	48	110	538	663	314	257	452	4-M16
180L	350	300	250	48	110	613	701	354	257	452	4-M16
200L	400	350	300	55	110	613	807	354	257	549	4-M16
225 S/M	450	400	350	60	140	690	1105	411	280	561	8-M16
250M	550	500	450	65	140	690	N/A	411	280	N/A	8-M16
280 S/M	550	500	450	75	140	820	N/A	490	355	N/A	8-M16

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

Motor Available	Type of Motor	Column Entry	*The standard motor with brake will be fitted with a rectifier and wired for AC switching. For fast braking needed with safety critical applications (ie lifts, hoists and cranes), it is essential to switch the brake on the DC side of the rectifier, In such cases motor type N should be entered in Column 19
	Standard	A	
	Standard with Brake	B*	
	Standard with Brake & Hand Release	C	
	FIT Non Standard Motor	N	

For large frame sizes standard proprietary brake motors are not available.
All variants of standard IEC motors can be fitted to Series M, for example:-

- Single Phase
- DC
- Energy efficient
- Wash down
- Explosion-proof
- Suitable to be used with inverters
- Force vented
- Flame proof
- Two Speed
- Crane duty
- Underground specification

SELECTION TABLES - GEARED MOTORS

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
944	1.44	1	28.06	1510	AM 0 3 2 0 1 . 4	M	- . 1 2 4 A	11.5	63
699	1.95	1	23.06	1630	1 . 8				
615	2.21	1	20.71	1660	2 . 2				
543	2.51	2	19.23	1690	2 . 5				
462	2.95	2	27.2	1740	2 . 8				
424	3.21	2	15.63	1770	3 . 2				
394	3.45	2	15.01	1790	3 . 6				
342	3.98	3	23.06	1850	4 . 0				
301	4.53	3	20.32	1900	4 . 5				
268	5.07	4	18.29	1940	5 . 0				
236	5.76	4	16.1	1940	5 . 6				
207	6.56	5	13.99	1940	6 . 3				
192	7.07	5	12.97	1940	7 . 1				
163	8.35	7	11.18	1940	8 . 0				
151	9	7	10.32	1940	9 . 0				
134	10.11	8	9.07	1930	10 .				
118	11.56	9	7.97	1930	11 .				
106	12.88	10	7.24	1930	12 .				
92	14.71	12	6.34	1930	14 .				
87	15.6	13	5.9	1930	16 .				
74	18.28	15	5.05	1930	18 .				
68	19.86	16	4.71	1930	20 .				
58	23.27	19	4.02	1930	22 .				
53	25.56	21	3.62	1930	25 .				
48	28.4	23	3.26	1930	28 .				
42	32.54	27	2.88	1930	32 .				
38	36.16	30	2.59	1930	36 .				
35	38.73	32	1.78	1930	40 .				
32	43.03	36	1.6	1920	45 .				
27	49.91	42	1.78	1920	50 .				
24	56.72	47	1.52	1920	56 .				
23	59.39	50	1.15	1920	63 .				
20	67.5	56	1.02	1910	71 .				
38	36.12	30	2.6	1930	AM 0 3 3 0 3 6 .	M	- . 1 2 4 A	15.5	63
33	41.28	34	2.27	1920	40 .				
30	45.99	38	2.08	1920	45 .				
26	52.55	44	1.81	1920	50 .				
24	55.71	46	1.69	1920	56 .				
21	65.27	54	1.44	1910	63 .				
19	70.93	59	1.34	1910	71 .				
16	83.1	70	1.15	1910	80 .				
15	91.29	76	1.03	1910	90 .				
13	101.43	85	0.93	1900	100				
12	116.22	97	0.82	1740	112				
23	58.54	49	3.8	4220	AM 0 4 2 0 6 3 .	M	- . 1 2 4 A	14.5	63
20	66.55	56	3.35	4190	71 .				
21	63.6	53	3.52	4190	AM 0 4 3 0 6 3 .	M	- . 1 2 4 A	18.5	63
20	69.19	58	3.24	4180	71 .				
17	81.07	68	2.77	4130	80 .				
15	88.94	74	2.52	4100	90 .				
14	98.82	83	2.27	4060	100				
12	113.37	95	1.99	4010	112				
11	125.97	106	1.79	3960	125				
10	140.91	118	1.6	3930	140				
8.7	156.57	131	1.44	3880	160				
7.8	173.87	146	1.29	3780	180				
6.9	197.6	166	1.14	3700	200				
6.3	216.11	182	1.05	3670	225				
5.5	245.61	206	0.92	3560	250				
10	130.5	109	3.75	8430	AM 0 6 3 0 1 2 5	M	- . 1 2 4 A	28.5	63
10	139.41	117	3.15	8410	140				
8.7	157.08	132	2.8	8360	160				
7.9	172.19	145	2.85	8310	180				
6.9	195.75	164	2.5	8240	200				
6.6	207.26	174	2.12	8220	225				
5.8	235.63	198	1.87	8140	250				
5.4	251.51	21	11.99	6434	AM 0 6 4 0 2 5 0	M	- . 1 2 4 A	37.5	63
4.6	297.65	250	1.68	6023	300				
3.9	348.99	294	1.44	6023	350				
3.6	379.42	319	1.33	6023	400				
2.9	461.85	389	1.09	6434	450				
2.8	483.14	407	1.04	6023	500				
2.4	555.32	467	0.92	6433	560				
2.2	615.87	518	0.82	6023	650				

	N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation						Kg	
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry Spaces to be filled when entering order	1	Through	20		Weight of base mount unit	Motor Frame Size	
	5.5	247.39	208	3.72	8266	AM 0 7 4 0 2 5 0 _ M - _ . 1 2 4 A _					54.5	63	
	4.3	313.88	264	2.93	7592		3 0 0						
	3.7	368.03	310	2.51	7592		3 5 0						
	3.4	400.11	337	2.31	7592		4 0 0						
	3	454.3	382	2.04	8266		4 5 0						
	2.7	509.49	429	1.81	7592		5 0 0						
	2.5	554.04	466	1.68	8263		5 6 0						
	2.1	649.46	547	1.43	7592		6 5 0						
	1.7	807.24	680	1.15	7592		7 8 0						
	1.6	856.93	722	1.08	7592		8 6 0						
	1.3	1030.4	868	0.91	8264		1 0 C						
	1.2	1093.8	921	0.85	8264		1 1 C						
	2.9	471.71	397	3.84	20576	AM 0 8 4 0 4 5 0 _ M - _ . 1 2 4 A _					95.5	63	
	2.7	503.48	424	3.39	21603		5 0 0						
	2.4	558.25	470	3.22	20576		5 6 0						
	2.1	632.72	533	2.69	21603		6 5 0						
	1.7	806.71	679	2.12	21603		7 8 0						
	1.5	887.99	748	1.56	23303		8 6 0						
	1.4	971.04	818	1.77	21603		1 0 C						
	1.2	1101.9	928	1.56	21603		1 1 C						
	1.1	1215.1	1023	1.23	23224		1 2 C						
	0.99	1378.9	1161	1.08	23224		1 3 C						
	0.9	1507.9	1270	1.21	20576		1 5 C						
	0.79	1711.1	1441	1.06	20576		1 7 C						
	0.71	1902.3	1602	0.91	22459		1 9 C						
	1.4	986.15	830	3.68	24951	AM 0 9 4 0 1 0 C M - _ . 1 2 4 A					144.5	63	
	1.3	1079.5	909	3.39	24951		1 1 C						
	1.1	1228.5	1035	2.57	28129		1 2 C						
	1	1344.8	1133	2.38	28102		1 3 C						
	0.9	1513.4	1275	2.42	24951		1 5 C						
	0.79	1717.4	1447	2.13	24951		1 7 C						
	0.72	1885.5	1588	1.69	28129		1 9 C						
	0.64	2139.6	1802	1.49	28129		2 1 C						
	0.57	2399.6	2021	1.33	28129		2 3 C						
	0.52	2593.8	2185	1.24	28102		2 6 C						
	0.46	2943.4	2480	1.09	28102		2 9 C						
	0.41	3301.0	2781	0.97	28102		3 2 C						
	0.38	3543.0	2985	0.91	28102		3 5 C						
	0.34	3973.5	3348	0.81	28102		3 9 C						

SELECTION TABLES - GEARED MOTORS

0.12 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
580	1.44	1	17.25	1660	AM 0 3 2 0 1 . 4 _ M _ _ . 1 2 6 A _	11.9	63
429	1.95	2	14.13	1730	1 . 8		
377	2.21	3	12.68	1780	2 . 2		
333	2.51	3	11.81	1830	2 . 5		
283	2.95	4	17.9	1890	2 . 8		
260	3.21	4	9.64	1920	3 . 2		
242	3.45	4	9.21	1940	3 . 6		
210	3.98	5	14.13	1940	4 . 0		
185	4.53	6	12.47	1940	4 . 5		
165	5.07	6	11.23	1940	5 . 0		
145	5.76	7	9.93	1940	5 . 6		
127	6.56	8	8.63	1930	6 . 3		
118	7.07	9	7.97	1930	7 . 1		
100	8.35	11	6.84	1930	8 . 0		
93	9	12	6.35	1930	9 . 0		
83	10.11	13	5.57	1930	10 .		
72	11.56	15	4.89	1930	11 .		
65	12.88	17	4.44	1930	12 .		
57	14.71	20	3.89	1930	14 .		
54	15.6	21	3.62	1930	16 .		
46	18.28	25	3.1	1930	18 .		
42	19.86	27	2.88	1930	20 .		
36	23.27	31	2.46	1930	22 .		
33	25.56	35	2.22	1930	25 .		
29	28.4	38	2	1920	28 .		
26	32.54	44	1.77	1920	32 .		
23	36.16	49	1.59	1920	36 .		
22	38.73	53	1.08	1920	40 .		
19	43.03	59	0.97	1910	45 .		
17	49.91	68	1.09	1910	50 .		
15	56.72	77	0.94	1910	56 .		
23	36.12	49	1.59	1920	AM 0 3 3 0 3 6 . _ M _ _ . 1 2 6 A _	15.9	63
20	41.28	56	1.39	1920	40 .		
18	45.99	63	1.27	1910	45 .		
16	52.55	72	1.11	1910	50 .		
15	55.71	76	1.04	1910	56 .		
13	65.27	89	0.88	1900	63 .		
12	70.93	97	0.83	1860	71 .		
23	35.69	48	3.81	4230	AM 0 4 2 0 3 6 . _ M _ _ . 1 2 6 A	14.9	63
21	39.37	54	3.46	4220	40 .		
19	44.36	60	3.07	4190	45 .		
18	47.09	64	2.89	4160	50 .		
16	53.54	73	2.49	4130	56 .		
14	58.54	80	2.33	4120	63 .		
13	66.55	91	2.05	4070	71 .		
24	35.19	48	3.89	4230	AM 0 4 3 0 3 6 . _ M _ _ . 1 2 6 A	18.9	63
21	40.22	55	3.41	4200	40 .		
19	44.86	61	3.06	4180	45 .		
16	51.26	70	2.67	4140	50 .		
15	54.28	74	2.53	4120	56 .		
13	63.6	87	2.16	4070	63 .		
12	69.19	94	1.99	4040	71 .		
10	81.07	111	1.7	3970	80 .		
9.4	88.94	122	1.55	3920	90 .		
8.4	98.82	135	1.39	3870	100		
7.4	113.37	155	1.22	3790	112		
6.6	125.97	172	1.09	3720	125		
5.9	140.91	193	0.98	3680	140		
5.3	156.57	214	0.88	3590	160		
15	54	74	3.79	8560	AM 0 6 2 0 5 6 . _ M _ _ . 1 2 6 A	23.9	63
13	65	89	3.79	8520	71 .		
10	80.41	10	3.72	8450	AM 0 6 3 0 8 0 . _ M _ _ . 1 2 6 A _	28.9	63
9.2	90.84	124	3.31	8390	90 .		
8.2	102.35	140	2.94	8340	100		
7.2	115.82	158	2.59	8300	112		
6.4	130.5	179	2.3	8230	125		
6	139.41	191	1.93	8210	140		
5.3	157.08	215	1.72	8140	160		
4.8	172.19	236	1.78	8050	180		
4.3	195.75	268	1.57	7950	200		
4	207.26	284	1.3	7920	225		
3.5	235.63	323	1.15	7800	250		
3.3	251.51	345	1.22	6434	M 0 6 4 0 2 5 0 _ M _ _ . 1 2 6 A	37.9	63
2.8	297.65	408	1.03	6023	300		
2.4	348.99	478	0.88	6023	350		
2.2	379.42	520	0.81	6023	400		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation			Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry Spaces to be filled when entering order	1 Through 20	Weight of base mount unit	Motor Frame Size	
3.4	247.39	339	2.28	8266	AM 0 7 4 0 2 5 0	M _ - _ _ . 1 2 6 A _	54.9	63	
2.7	313.88	430	1.8	7592	3 0 0				
2.3	368.03	505	1.54	7592	3 5 0				
2.1	400.11	549	1.42	7592	4 0 0				
1.8	454.3	623	1.25	8266	4 5 0				
1.6	509.49	699	1.11	7592	5 0 0				
1.5	554.04	760	1.03	8263	5 6 0				
1.3	649.46	891	0.88	7592	6 5 0				
3.2	261.7	359	3.97	21603	AM 0 8 4 0 2 5 0	M - _ _ . 1 2 6 A	95.9	63	
2.6	318.22	436	2.64	23303	3 0 0				
2.3	369.97	507	2.97	20576	3 5 0				
2.1	394.89	541	2.64	21603	4 0 0				
1.8	471.71	647	2.34	20576	4 5 0				
1.7	503.48	690	2.08	21603	5 0 0				
1.5	558.25	766	1.97	20576	5 6 0				
1.3	632.72	868	1.65	21603	6 5 0				
1	806.71	1107	1.3	21603	7 8 0				
0.94	887.99	1218	0.96	23303	8 6 0				
0.86	971.04	1332	1.09	21603	1 0 C				
0.76	1101.9	1512	0.96	21603	1 1 C				
1.5	557.5	765	3.98	24951	AM 0 9 4 0 5 6 0	M _ - _ _ . 1 2 6 A _	144.9	63	
1.3	632.36	867	3.25	25710	6 5 0				
1.1	784.72	1076	2.84	24951	7 8 0				
0.99	846.67	1161	2.63	24951	8 6 0				
0.85	986.15	1353	2.26	24951	1 0 C				
0.77	1079.5	1481	2.08	24951	1 1 C				
0.68	1228.5	1686	1.58	28129	1 2 C				
0.62	1344.8	1845	1.45	28102	1 3 C				
0.55	1513.4	2077	1.48	24951	1 5 C				
0.49	1717.4	2356	1.31	24951	1 7 C				
0.44	1885.5	2587	1.04	28129	1 9 C				
0.39	2139.6	2936	0.91	28129	2 1 C				
0.35	2399.6	3293	0.82	28129	2 3 C				

SELECTION TABLES - GEARED MOTORS 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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
944	1.44	1	18.71	1506	AM 0 3 2 0 1 . 4 M _ _ . 1 8 4 A _			11.9	63
699	1.95	2	15.37	1624	1 . 8				
615	2.21	2	13.81	1654	2 . 2				
543	2.51	3	12.82	1683	2 . 5				
462	2.95	3	18.13	1733	2 . 8				
424	3.21	4	10.42	1761	3 . 2				
394	3.45	4	10	1780	3 . 6				
342	3.98	5	15.37	1840	4 . 0				
301	4.53	5	13.55	1889	4 . 5				
268	5.07	6	12.19	1928	5 . 0				
236	5.76	7	10.73	1929	5 . 6				
207	6.56	8	9.33	1930	6 . 3				
192	7.07	8	8.65	1930	7 . 1				
163	8.35	10	7.45	1930	8 . 0				
151	9	11	6.88	1930	9 . 0				
134	10.11	12	6.04	1928	10 .				
118	11.56	14	5.31	1928	11 .				
106	12.88	16	4.83	1914	12 .				
92	14.71	18	4.23	1928	14 .				
87	15.6	19	3.93	1927	16 .				
74	18.28	23	3.37	1920	18 .				
68	19.86	25	3.14	1897	20 .				
58	23.27	29	2.68	1917	22 .				
53	25.56	32	2.41	1910	25 .				
48	28.4	35	2.17	1925	28 .				
42	32.54	41	1.92	1922	32 .				
38	36.16	45	1.73	1894	36 .				
35	38.73	48	1.19	1920	40 .				
32	43.03	54	1.07	1910	45 .				
27	49.91	63	1.19	1910	50 .				
24	56.72	71	1.01	1910	56 .				
38	36.12	45	1.74	1920	AM 0 3 3 0 3 6 . M _ _ . 1 8 4 A			15.9	63
33	41.28	52	1.52	1862	40 .				
30	45.99	58	1.39	1915	45 .				
26	52.55	66	1.21	1878	50 .				
24	55.71	70	1.13	1878	56 .				
21	65.27	82	0.96	1900	63 .				
19	70.93	89	0.9	1880	71 .				
35	39.37	49	3.76	4219	AM 0 4 2 0 4 0 . M _ _ . 1 8 4 A			14.9	63
31	44.36	56	3.34	4190	45 .				
29	47.09	59	3.14	4160	50 .				
25	53.54	67	2.7	4128	56 .				
23	58.54	73	2.53	4115	63 .				
20	66.55	84	2.23	4072	71 .				
34	40.22	50	3.7	4202	AM 0 4 3 0 4 0 . M _ _ . 1 8 4 A			18.9	63
30	44.86	56	3.32	4184	45 .				
27	51.26	64	2.91	4143	50 .				
25	54.28	68	2.75	4125	56 .				
21	63.6	80	2.34	4070	63 .				
20	69.19	87	2.16	4048	71 .				
17	81.07	102	1.84	3978	80 .				
15	88.94	112	1.68	3929	90 .				
14	98.82	124	1.52	3870	100				
12	113.37	143	1.32	3797	112				
11	125.97	159	1.19	3724	125				
10	140.91	178	1.07	3680	140				
8.7	156.57	197	0.96	3600	160				
7.8	173.87	219	0.86	3460	180				
15	90.84	114	3.59	8393	AM 0 6 3 0 9 0 . M _ _ . 1 8 4 A			28.9	63
13	102.35	129	3.19	8346	100				
12	115.82	146	2.81	8302	112				
10	130.5	164	2.5	8241	125				
10	139.41	176	2.1	8213	140				
8.7	157.08	198	1.87	8139	160				
7.9	172.19	217	1.9	8060	180				
6.9	195.75	247	1.67	7956	200				
6.6	207.26	261	1.41	7929	225				
5.8	235.63	297	1.25	7807	250				
5.4	251.51	317	1.32	6434	AM 0 6 4 0 2 5 0 M _ _ . 1 8 4 A			37.9	63
4.6	297.65	376	1.12	6023	300				
3.9	348.99	441	0.96	6023	350				
3.6	379.42	479	0.89	6023	400				
5.5	247.39	312	2.48	8266	AM 0 7 4 0 2 5 0 M _ _ . 1 8 4 A			54.9	63
4.3	313.88	396	1.95	7592	300				
3.7	368.03	465	1.67	7592	350				
3.4	400.11	505	1.54	7592	400				
3	454.3	574	1.36	8266	450				
2.7	509.49	643	1.21	7592	500				
2.5	554.04	700	1.12	8263	560				
2.1	649.46	820	0.95	7592	650				

SELECTION TABLES GEARED MOTORS

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
4.3	318.22	402	2.87	23303	AM 0 8 4 0 3 0 0	M	- . 1 8 4 A	95.9	63
3.7	369.97	467	3.24	20576	3 5 0				
3.4	394.89	499	2.87	21603	4 0 0				
2.9	471.71	596	2.56	20576	4 5 0				
2.7	503.48	636	2.26	21603	5 0 0				
2.4	558.25	705	2.15	20576	5 6 0				
2.1	632.72	799	1.79	21603	6 5 0				
1.7	806.71	1019	1.41	21603	7 8 0				
1.5	887.99	1122	1.04	23303	8 6 0				
1.4	971.04	1227	1.18	21603	1 0 C				
1.2	1101.9	1392	1.04	21603	1 1 C				
1.1	1215.1	1535	0.82	23224	1 2 C				
2.2	632.36	799	3.54	25710	AM 0 9 4 0 6 5 0	M	- . 1 8 4 A	144.9	63
1.7	784.72	991	3.09	24951	7 8 0				
1.6	846.67	1070	2.87	24951	8 6 0				
1.4	986.15	1246	2.45	24951	1 0 C				
1.3	1079.5	1364	2.26	24951	1 1 C				
1.1	1228.5	1552	1.71	28129	1 2 C				
1	131.88	1699	1.59	28102	1 3 C				
0.9	1513.4	1912	1.61	24951	1 5 C				
0.79	1717.4	2170	1.42	24951	1 7 C				
0.72	1885.5	2383	1.13	28129	1 9 C				
0.64	2139.6	2704	0.99	28129	2 1 C				
0.57	2399.6	3032	0.88	28129	2 3 C				
0.52	2593.8	3278	0.83	28102	2 6 C				

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
583	1.44	2	11.57	1654	AM 0 3 2 0 1 . 4	M	- . 1 8 6 A	13.8	71
432	1.95	3	9.48	1722	1 . 8				
380	2.21	4	8.51	1771	2 . 2				
335	2.51	5	7.92	1820	2 . 5				
285	2.95	6	12.01	1880	2 . 8				
262	3.21	6	6.47	1907	3 . 2				
243	3.45	7	6.17	1926	3 . 6				
211	3.98	8	9.48	1929	4 . 0				
186	4.53	9	8.36	1930	4 . 5				
166	5.07	10	7.53	1930	5 . 0				
146	5.76	11	6.66	1930	5 . 6				
128	6.56	13	5.78	1919	6 . 3				
119	7.07	14	5.35	1913	7 . 1				
101	8.35	17	4.58	1893	8 . 0				
93	9	18	4.26	1886	9 . 0				
83	10.11	20	3.74	1901	1 0 .				
73	11.56	23	3.28	1884	1 1 .				
65	12.88	26	2.98	1860	1 2 .				
57	14.71	30	2.61	1876	1 4 .				
54	15.6	31	2.43	1876	1 6 .				
46	18.28	37	2.08	1844	1 8 .				
42	19.86	40	1.93	1810	2 0 .				
36	23.27	47	1.65	1808	2 2 .				
33	25.56	52	1.49	1796	2 5 .				
30	28.4	58	1.34	1840	2 8 .				
26	32.54	66	1.19	1747	3 2 .				
23	36.16	73	1.07	1689	3 6 .				
23	36.12	73	1.07	1728	AM 0 3 3 0 3 6 .	M	- . 1 8 6 A	16.8	71
20	41.28	84	0.93	1629	4 0 .				
18	45.99	94	0.85	1642	4 5 .				
34	24.85	50	3.66	4200	AM 0 4 2 0 2 5 .	M	- . 1 8 6 A	16.8	71
30	28	57	3.26	4188	2 8 .				
27	31.68	64	2.88	4159	3 2 .				
24	35.69	73	2.56	4120	3 6 .				
21	39.37	80	2.32	4089	4 0 .				
19	44.36	90	2.06	4070	4 5 .				
18	47.09	96	1.94	4026	5 0 .				
16	53.54	109	1.67	3913	5 6 .				
14	58.54	119	1.56	3877	6 3 .				
13	66.55	136	1.38	3890	7 1 .				

SELECTION TABLES GEARED MOTORS

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
24	35.19	72	2.61	4117	AM 0 4 3 0 3 6 . M - . 1 8 6 A .			20.8	
21	40.22	82	2.28	4021	4 0 .				
19	44.86	91	2.05	4051	4 5 .				
16	51.26	104	1.79	3960	5 0 .				
15	54.28	111	1.7	3880	5 6 .				
13	63.6	130	1.45	3885	6 3 .				
12	69.19	141	1.33	3843	7 1 .				
10	81.07	165	1.14	3624	8 0 .				
9.4	88.94	181	1.04	3666	9 0 .				
8.5	98.82	202	0.93	3583	1 0 0				
7.4	113.37	231	0.82	3356	1 1 2				
17	48.15	98	3.87	8473	AM 0 6 2 0 5 0 . M - . 1 8 6 A .			25.8	71
16	54	110	2.54	8383	5 6 .				
14	57.96	118	3.16	8347	6 3 .				
13	65	133	2.54	8380	7 1 .				
14	58	118	3.46	8295	AM 0 6 3 0 5 6 . M - . 1 8 6 A .			30.8	71
13	63.06	129	3.18	8220	6 3 .				
11	73.95	151	2.71	8277	7 1 .				
10	80.4	164	2.49	8176	8 0 .				
9.2	90.84	185	2.22	7959	9 0 .				
8.2	102.35	209	1.97	7992	1 0 0				
7.3	115.82	236	1.74	7850	1 1 2				
6.4	130.5	267	1.55	7613	1 2 5				
6	139.41	285	1.29	7534	1 4 0				
5.3	157.08	321	1.15	7684	1 6 0				
4.9	172.19	352	1.19	7339	1 8 0				
4.3	195.75	400	1.05	6937	2 0 0				
4.1	207.26	424	0.87	7481	2 2 5				
3.3	251.51	514	0.82	6434	AM 0 6 4 0 2 5 0 M - . 1 8 6 A .			39.8	71
8.4	99.8	204	3.71	11300	AM 0 7 3 0 1 0 0 M - . 1 8 6 A .			52.8	71
7.2	116.34	238	3.19	11300	1 1 2				
6.6	127.39	260	2.92	11200	1 2 5				
5.9	142.16	290	2.56	11200	1 4 0				
5.4	155.66	318	2.33	11100	1 6 0				
4.8	174.01	356	2.18	11000	1 8 0				
4.3	195.15	399	1.94	10900	2 0 0				
4	212.62	435	1.72	10800	2 2 5				
3.5	238.45	487	1.53	10700	2 5 0				
3.4	247.39	506	1.53	8266	AM 0 7 4 0 2 5 0 M - . 1 8 6 A .			56.8	71
2.7	313.88	642	1.21	7592	3 0 0				
2.3	368.03	753	1.03	7592	3 5 0				
2.1	400.11	818	0.95	7592	4 0 0				
1.8	454.3	929	0.84	8266	4 5 0				
3.2	261.7	535	2.66	21603	AM 0 8 4 0 2 5 0 M - . 1 8 6 A .			97.8	71
2.6	318.22	651	1.77	23303	3 0 0				
2.3	369.97	757	1.99	20576	3 5 0				
2.1	394.89	808	1.77	21603	4 0 0				
1.8	471.71	965	1.57	20576	4 5 0				
1.7	503.48	1030	1.39	21603	5 0 0				
1.5	558.25	1142	1.32	20576	5 6 0				
1.3	632.72	1294	1.11	21603	6 5 0				
1	806.71	1650	0.87	21603	7 8 0				
2.3	360.32	737	3.82	25710	AM 0 9 4 0 3 5 0 M - . 1 8 6 A .			146.8	71
2	419.08	857	3.29	25710	4 0 0				
1.8	471.08	963	3.17	24951	4 5 0				
1.7	495.97	1014	2.77	25710	5 0 0				
1.5	557.5	1140	2.67	24951	5 6 0				
1.3	632.36	1293	2.18	25710	6 5 0				
1.1	784.72	1605	1.9	24951	7 8 0				
0.99	846.67	1732	1.77	24951	8 6 0				
0.85	986.15	2017	1.51	24951	1 0 C				
0.78	1079.5	2208	1.39	24951	1 1 C				
0.68	1228.5	2513	1.06	28129	1 2 C				
0.62	1344.8	2752	0.98	28102	1 3 C				
0.56	1513.4	3096	0.99	24951	1 5 C				
0.49	1717.4	3514	0.88	24951	1 7 C				

SELECTION TABLES - GEARED MOTORS

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
951	1.44	2	13.57	1502	AM 0 3 2 0 1 . 4 . M _ _ . 2 5 4 A _	13.3	71
704	1.95	3	11.15	1618	1 . 8		
619	2.21	3	10.02	1647	2 . 2		
547	2.51	4	9.3	1675	2 . 5		
465	2.95	5	13.15	1725	2 . 8		
427	3.21	5	7.56	1751	3 . 2		
397	3.45	6	7.26	1770	3 . 6		
844	3.98	6	11.15	1830	4 . 0		
303	4.53	7	9.83	1877	4 . 5		
270	5.07	8	8.84	1915	5 . 0		
238	5.76	10	7.79	1916	5 . 6		
209	6.56	11	6.76	1918	6 . 3		
194	7.07	12	6.27	1918	7 . 1		
164	8.35	14	5.4	1918	8 . 0		
152	9	15	4.99	1919	9 . 0		
135	10.11	17	4.38	1926	1 0 .		
119	11.56	20	3.85	1926	1 1 .		
106	12.88	22	3.5	1896	1 2 .		
93	14.71	25	3.07	1925	1 4 .		
88	15.6	27	2.85	1923	1 6 .		
75	18.28	31	2.44	1909	1 8 .		
69	19.86	34	2.28	1859	2 0 .		
59	23.27	40	1.94	1902	2 2 .		
54	25.56	44	1.75	1887	2 5 .		
48	28.4	49	1.58	1919	2 8 .		
42	32.54	56	1.39	1914	3 2 .		
38	36.16	63	1.25	1852	3 6 .		
35	38.73	67	0.86	1910	4 0 .		
38	36.12	62	1.26	1909	AM 0 3 3 0 3 6 . M _ _ . 2 5 4 A	16.3	71
33	41.28	71	1.1	1795	4 0 .		
30	45.99	80	1.01	1910	4 5 .		
26	52.55	91	0.88	1830	5 0 .		
25	55.71	97	0.82	1830	5 6 .		
49	28	48	3.72	4212	AM 0 4 2 0 2 8 . M _ _ . 2 5 4 A	16.3	71
43	31.68	55	3.38	4180	3 2 .		
38	35.69	62	3	4153	3 6 .		
35	39.37	68	2.72	4137	4 0 .		
31	44.36	77	2.42	4097	4 5 .		
29	47.09	82	2.28	4056	5 0 .		
26	53.54	93	1.96	4009	5 6 .		
23	58.54	102	1.84	3993	6 3 .		
21	66.55	115	1.62	3935	7 1 .		
39	35.19	61	3.07	4153	AM 0 4 3 0 3 6 . M _ _ . 2 5 4 A	20.3	71
34	40.22	70	2.68	4112	4 0 .		
31	44.86	78	2.41	4085	4 5 .		
27	51.26	89	2.11	4031	5 0 .		
25	54.28	94	1.99	4003	5 6 .		
22	63.6	110	1.7	3930	6 3 .		
20	69.19	120	1.56	3894	7 1 .		
17	81.07	141	1.34	3802	8 0 .		
15	88.94	154	1.22	3730	9 0 .		
14	98.82	172	1.1	3650	1 0 0		
12	113.37	197	0.96	3550	1 1 2		
11	125.97	219	0.87	3450	1 2 5		
28	48.15	83	3.97	8507	AM 0 6 2 0 5 0 . M _ _ . 2 5 4 A	25.3	71
25	54	94	2.99	8470	5 6 .		
24	57.96	100	3.72	8460	6 3 .		
21	65	113	2.99	8419	7 1 .		
22	63.06	109	3.74	8404	AM 0 6 3 0 6 3 . M _ _ . 2 5 4 A	30.3	71
19	73.95	128	3.19	8356	7 1 .		
17	80.4	140	2.93	8318	8 0 .		
15	90.84	158	2.6	8234	9 0 .		
13	102.35	178	2.31	8167	1 0 0		
12	115.82	201	2.04	8107	1 1 2		
10	130.5	227	1.81	8021	1 2 5		
10	139.41	242	1.52	7983	1 4 0		
8.7	157.08	273	1.35	7881	1 6 0		
8	172.19	300	1.38	7769	1 8 0		
7	195.75	341	1.21	7626	2 0 0		
6.6	207.26	361	1.02	7590	2 2 5		
5.8	235.63	410	0.9	7420	2 5 0		
5.4	251.51	438	0.96	6434	AM 0 6 4 0 2 5 0 M _ _ . 2 5 4 A	39.3	71
4.6	297.65	518	0.81	6023	3 0 0		

0.25 KW – 4 Pole SELECTION TABLES - GEARED MOTORS

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
12	116.34	202	3.75	11300	AM 0 7 3 0 1 1 2	M	2 5 4 A	52.3	71
11	127.39	221	3.43	11300					
10	142.16	247	3	11200					
8.8	155.66	271	2.75	11200					
7.9	174.01	303	2.52	11100					
7	195.15	340	2.25	11000					
6.4	212.62	370	2.01	10900					
5.7	238.45	415	1.8	10800					
5.5	247.39	431	1.8	8266	AM 0 7 4 0 2 5 0	M	2 5 4 A	56.3	71
4.4	313.88	546	1.42	7592					
3.7	368.03	641	1.21	7592					
3.4	400.11	697	1.12	7592					
3	454.3	791	0.99	8266					
2.7	509.49	887	0.88	7592					
2.5	554.04	965	0.81	8263					
5.2	261.7	456	3.14	21603	AM 0 8 4 0 2 5 0	M	2 5 4 A	97.3	71
4.3	318.22	554	2.08	23303					
3.7	369.97	644	2.35	20576					
3.5	394.89	688	2.08	21603					
2.9	471.71	821	1.86	20576					
2.7	503.48	877	1.64	21603					
2.5	558.25	972	1.56	20576					
2.2	632.72	1102	1.3	21603					
1.7	806.71	1405	1.03	21603					
3.3	419.08	730	3.87	25710	AM 0 9 4 0 4 0 0	M	2 5 4 A	146.3	71
2.9	471.08	820	3.73	24951					
2.8	495.97	864	3.26	25710					
2.5	557.5	971	3.14	24951					
2.2	632.36	1101	2.57	25710					
1.7	784.72	1367	2.24	24951					
1.6	846.67	1475	2.08	24951					
1.4	986.15	1718	1.78	24951					
1.3	1079.5	1881	1.64	24951					
1.1	1228.5	2140	1.24	28129					
1	1344.8	2343	1.15	28102					
0.91	1513.4	2637	1.17	24951					
0.8	1717.4	2992	1.03	24951					
0.73	1885.5	3285	0.82	28129					

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
587	1.44	4	8.38	1647	AM 0 3 2 0 1 . 4	M	2 5 6 A	14.3	71
434	1.95	5	6.87	1713					
382	2.21	6	6.16	1761					
337	2.51	7	5.74	1808					
287	2.95	8	8.7	1868					
264	3.21	9	4.68	1892					
245	3.45	9	4.47	1910					
212	3.98	11	6.87	1917					
187	4.53	12	6.06	1918					
167	5.07	14	5.46	1918					
147	5.76	16	4.82	1918					
129	6.56	18	4.19	1907					
120	7.07	19	3.87	1894					
101	8.35	23	3.32	1850					
94	9	25	3.08	1834					
84	10.11	28	2.71	1867					
73	11.56	32	2.37	1831					
66	12.88	36	2.16	1779					
57	14.71	41	1.89	1814					
54	15.6	44	1.76	1814					
46	18.28	51	1.5	1744					
43	19.86	56	1.4	1670					
36	23.27	65	1.2	1666					
33	25.56	72	1.08	1641					
30	28.4	80	0.97	1748					
26	32.54	91	0.86	1545					

SELECTION TABLES - GEARED MOTORS

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
53	15.87	44	3.59	4239	AM 0 4 2 0 1 6 . M - . 2 5 6 A _			17.3	71
49	17.25	48	3.56	4214	1 8 .				
42	20.23	57	3.25	4136	2 0 .				
38	21.99	62	2.99	4172	2 2 .				
34	24.85	70	2.65	4096	2 5 .				
30	28	79	2.36	4092	2 8 .				
27	31.68	89	2.08	4053	3 2 .				
24	35.69	100	1.85	3992	3 6 .				
21	39.37	111	1.68	3937	4 0 .				
19	44.36	125	1.49	3930	4 5 .				
18	47.09	133	1.4	3869	5 0 .				
16	53.54	151	1.21	3661	5 6 .				
14	58.54	165	1.13	3593	6 3 .				
13	66.55	188	1	3680	7 1 .				
24	35.19	99	1.89	3986	M 0 4 3 0 3 6 . M - . 2 5 6 A			21.3	71
21	40.22	113	1.65	3814	4 0 .				
19	44.86	126	1.49	3901	4 5 .				
16	51.26	144	1.3	3750	5 0 .				
16	54.28	153	1.23	3600	5 6 .				
13	63.6	179	1.05	3669	6 3 .				
12	69.19	195	0.96	3613	7 1 .				
10	81.07	229	0.82	3221	8 0 .				
22	38.75	109	3.31	8391	AM 0 6 2 0 4 0 . M - . 2 5 6 A			26.3	71
20	42.43	119	3.02	8301	4 5 .				
18	48.15	136	2.81	8337	5 0 .				
16	54	152	1.84	8176	5 6 .				
15	57.96	163	2.29	8112	6 3 .				
13	65	183	1.84	8218	7 1 .				
15	58	163	2.5	8010	AM 0 6 3 0 5 6 . M - . 2 5 6 A			31.3	71
13	63.06	178	2.3	7870	6 3 .				
11	73.95	208	1.96	8040	7 1 .				
11	80.4	227	1.81	7857	8 0 .				
9.3	90.84	256	1.61	7457	9 0 .				
8.3	102.35	289	1.43	7587	1 0 0				
7.3	115.82	327	1.26	7326	1 1 2				
6.5	130.5	368	1.12	6893	1 2 5				
6.1	139.41	393	0.94	6746	1 4 0				
5.4	157.08	443	0.83	7152	1 6 0				
4.9	172.19	486	0.86	6510	1 8 0				
11	74.47	210	3.59	11258	AM 0 7 3 0 7 1 . M - . 2 5 6 A			53.3	71
11	79.51	224	3.38	11206	8 0 .				
9.3	91.15	257	2.94	10943	9 0 .				
8.5	99.8	281	2.69	10932	1 0 0				
7.3	116.34	328	2.31	10812	1 1 2				
6.6	127.39	359	2.11	10601	1 2 5				
5.9	142.16	401	1.85	10818	1 4 0				
5.4	155.66	439	1.69	10576	1 6 0				
4.9	174.01	491	1.58	10217	1 8 0				
4.3	195.15	551	1.41	10279	2 0 0				
4	212.62	600	1.24	10052	2 2 5				
3.5	238.45	673	1.11	9642	2 5 0				
3.4	247.39	698	1.11	8266	AM 0 7 4 0 2 5 0 . M - . 2 5 6 A			57.3	71
2.7	313.88	886	0.87	7592	3 0 0				
3.2	261.7	739	1.93	21603	AM 0 8 4 0 2 5 0 . M - . 2 5 6 A			98.3	71
2.7	318.22	899	1.28	23303	3 0 0				
2.3	369.97	1045	1.44	20576	3 5 0				
2.1	394.89	1115	1.28	21603	4 0 0				
1.8	471.71	1332	1.14	20576	4 5 0				
1.7	503.48	1422	1.01	21603	5 0 0				
1.5	558.25	1577	0.96	20576	5 6 0				
1.3	632.72	1787	0.8	21603	6 5 0				
2.6	328.69	928	3.02	25710	AM 0 9 4 0 3 0 0 . M - . 2 5 6 A			147.3	71
2.3	360.32	1017	2.77	25710	3 5 0				
2	419.08	1184	2.38	25710	4 0 0				
1.8	471.08	1330	2.29	24951	4 5 0				
1.7	495.97	1401	2.01	25710	5 0 0				
1.5	557.5	1575	1.93	24951	5 6 0				
1.3	632.36	1786	1.58	25710	6 5 0				
1.1	784.72	2217	1.38	24951	7 8 0				
1.0	846.67	2392	1.28	24951	8 6 0				
0.86	986.15	2786	1.1	24951	1 0 C				
0.78	1079.5	3049	1.01	24951	1 1 C				

SELECTION TABLES - GEARED MOTORS
0.37 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
958	1.44	3	9.23	1495	AM 0 3 2 0 1 . 4 _ M _ . . . 3 7 4 A _	14	71
709	1.95	4	7.59	1608	1 . 8		
624	2.21	5	6.82	1636	2 . 2		
551	2.51	6	6.33	1662	2 . 5		
469	2.95	7	8.95	1712	2 . 8		
430	3.21	8	5.14	1733	3 . 2		
399	3.45	8	4.94	1751	3 . 6		
347	3.98	10	7.59	1811	4 . 0		
305	4.53	11	6.69	1856	4 . 5		
272	5.07	12	6.02	1892	5 . 0		
240	5.76	14	5.3	1894	5 . 6		
210	6.56	16	4.6	1898	6 . 3		
195	7.07	18	4.27	1898	7 . 1		
165	8.35	21	3.68	1898	8 . 0		
153	9	23	3.4	1900	9 . 0		
136	10.11	25	2.98	1922	10 .		
119	11.56	29	2.62	1922	11 .		
107	12.88	32	2.38	1866	12 .		
94	14.71	37	2.09	1922	14 .		
88	15.6	39	1.94	1918	16 .		
76	18.28	46	1.66	1890	18 .		
69	19.86	50	1.55	1795	20 .		
59	23.27	59	1.32	1877	22 .		
54	25.56	65	1.19	1848	25 .		
49	28.4	72	1.07	1910	28 .		
42	32.54	83	0.95	1900	32 .		
38	36.16	92	0.85	1780	36 .		
38	36.12	92	0.86	1890	AM 0 3 3 0 36 . M - . . 3 7 4 A	17	71
87	15.87	40	3.94	3733	AM 0 4 2 0 1 6 . M - . . 3 7 4 A	17	71
80	17.25	44	3.91	3830	18 .		
68	20.23	51	3.58	4018	20 .		
63	21.99	56	3.29	4116	22 .		
56	24.85	63	2.8	4138	25 .		
49	28	71	2.53	4103	28 .		
44	31.68	81	2.3	4060	32 .		
39	35.69	91	2.04	4018	36 .		
35	39.37	100	1.85	3996	40 .		
31	44.36	113	1.65	3938	45 .		
29	47.09	120	1.55	3877	50 .		
26	53.54	137	1.33	3805	56 .		
24	58.54	149	1.25	3783	63 .		
21	66.55	170	1.1	3700	71 .		
39	35.19	90	2.09	4018	AM 0 4 3 0 3 6 . M - . . 3 7 4 A	21	71
34	40.22	102	1.83	3958	40 .		
31	44.86	114	1.64	3915	45 .		
27	51.26	131	1.44	3838	50 .		
25	54.28	138	1.36	3793	56 .		
22	63.6	162	1.16	3690	63 .		
20	69.19	177	1.06	3630	71 .		
17	81.07	207	0.91	3500	80 .		
36	38.75	99	3.65	8459	AM 0 6 2 0 4 0 . M - . . 3 7 4 A	26	71
33	42.43	108	3.34	8428	45 .		
29	48.15	123	2.7	8366	50 .		
26	54	138	2.03	8313	56 .		
24	57.96	148	2.53	8295	63 .		
21	65	166	2.03	8235	71 .		
24	58	148	2.75	8265	AM 0 6 3 0 5 6 . M - . . 3 7 4 A	31	71
22	63.06	161	2.54	8214	63 .		
19	73.95	189	2.17	8141	71 .		
17	80.4	205	2	8085	80 .		
15	90.84	232	1.77	7962	90 .		
13	102.35	262	1.57	7860	100 .		
12	115.82	296	1.39	7772	112 .		
11	130.5	334	1.23	7645	125 .		
10	139.41	356	1.04	7590	140 .		
8.8	157.08	402	0.92	7440	160 .		
8	172.19	440	0.94	7270	180 .		
7	195.75	501	0.82	7060	200 .		
19	74.47	190	3.99	11332	AM 0 7 3 0 7 1 . M - . . 3 7 4 A	53	71
17	79.51	203	3.73	11318	80 .		
15	91.15	233	3.24	11178	90 .		
14	99.8	255	2.96	11160	100 .		
12	116.34	297	2.55	11038	112 .		
11	127.39	326	2.33	11006	125 .		
10	142.16	363	2.04	10892	140 .		
8.9	155.66	398	1.87	10847	160 .		
7.9	174.01	445	1.71	10694	180 .		
7.1	195.15	499	1.53	10540	200 .		
6.5	212.62	544	1.37	10432	225 .		
5.8	238.45	610	1.22	10268	250 .		

SELECTION TABLES - GEARED MOTORS
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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
A	247.39	633	1.22	8266	AM 0 7 4 0 2 5 0	M	- . 3 7 4 A	57	71
4.4	313.88	803	0.96	7592	3 0 0				
3.7	368.03	942	0.83	7592	3 5 0				
5.3	261.7	670	2.14	21603	AM 0 8 4 0 2 5 0	M	- . 3 7 4 A	98	71
4.3	318.22	814	1.42	23303	3 0 0				
3.7	369.97	947	1.6	20576	3 5 0				
3.5	394.89	1011	1.42	21603	4 0 0				
2.9	471.71	1207	1.26	20576	4 5 0				
2.7	503.48	1289	1.12	21603	5 0 0				
2.5	558.25	1429	1.06	20576	5 6 0				
2.2	632.72	1619	0.89	21603	6 5 0				
4.2	328.69	841	3.34	25710	AM 0 9 4 0 3 0 0	M	- . 3 7 4 A	147	71
3.8	360.32	922	3.06	25710	3 5 0				
3.3	419.08	1072	2.63	25710	4 0 0				
2.9	471.08	1206	2.54	24951	4 5 0				
2.8	495.97	1269	2.22	25710	5 0 0				
2.5	557.5	1427	2.14	24951	5 6 0				
2.2	632.36	1619	1.75	25710	6 5 0				
1.8	784.72	2009	1.53	24951	7 8 0				
1.6	846.67	2167	1.42	24951	8 6 0				
1.4	986.15	2524	1.21	24951	1 0 C				
1.3	1079.5	2763	1.12	24951	1 1 C				
1.1	1228.5	3145	0.85	28129	1 2 C				

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
642	1.44	5	6.2	1636	AM 0 3 2 0 1 . 4	M	- . 3 7 6 A	17.8	80
476	1.95	7	5.08	1699	1 . 8				
418	2.21	8	4.56	1743	2 . 2				
369	2.51	9	4.24	1788	2 . 5				
314	2.95	11	6.43	1848	2 . 8				
289	3.21	12	3.46	1867	3 . 2				
268	3.45	13	3.31	1883	3 . 6				
232	3.98	15	5.08	1896	4 . 0				
204	4.53	17	4.48	1898	4 . 5				
183	5.07	19	4.04	1898	5 . 0				
161	5.76	22	3.57	1898	5 . 6				
141	6.56	25	3.1	1886	6 . 3				
131	7.07	26	2.86	1861	7 . 1				
111	8.35	31	2.46	1777	8 . 0				
103	9	34	2.28	1746	9 . 0				
91	10.11	38	2	1810	1 0 .				
80	11.56	44	1.76	1741	1 1 .				
72	12.88	49	1.6	1640	1 2 .				
63	14.71	56	1.4	1707	1 4 .				
59	15.6	59	1.3	1707	1 6 .				
51	18.28	69	1.11	1572	1 8 .				
47	19.86	75	1.04	1430	2 0 .				
40	23.27	88	0.89	1424	2 2 .				
75	12.37	47	3.88	3930	AM 0 4 2 0 1 2 .	M	- . 3 7 6 A	20.8	80
66	14.05	53	3.46	4080	1 4 .				
58	15.87	60	2.66	4146	1 6 .				
54	17.25	65	2.63	4107	1 8 .				
46	20.23	77	2.4	3966	2 0 .				
42	21.99	83	2.21	4044	2 2 .				
37	24.85	94	1.96	3917	2 5 .				
33	28	106	1.74	3928	2 8 .				
29	31.68	120	1.54	3873	3 2 .				
26	35.69	136	1.37	3773	3 6 .				
23	39.37	150	1.24	3676	4 0 .				
21	44.36	169	1.1	3690	4 5 .				
20	47.09	179	1.04	3601	5 0 .				
17	53.54	204	0.9	3228	5 6 .				
16	58.54	223	0.84	3108	6 3 .				
26	35.19	134	1.4	3761	AM 0 4 3 0 3 6 .	M	- . 3 7 6 A	24.8	80
23	40.22	153	1.22	3457	4 0 .				
21	44.86	171	1.1	3645	4 5 .				
18	51.26	195	0.96	3390	5 0 .				
17	54.28	207	0.91	3120	5 6 .				

SELECTION TABLES - GEARED MOTORS
0.37 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
37	25.25	96	3.67	8345	AM 0 6 2 0 2 5 . M - . 3 7 6 A	29.8	80
33	27.65	105	3.41	8221	2 8 .		
29	32.19	122	3.31	8073	3 2 .		
26	35.25	134	3.02	8293	3 6 .		
24	38.75	148	2.45	8171	4 0 .		
22	42.43	162	2.24	8007	4 5 .		
19	48.15	183	2.08	8105	5 0 .		
17	54	206	1.36	7822	5 6 .		
16	57.96	221	1.7	7708	6 3 .		
14	65	248	1.36	7940	7 1 .		
26	35.47	135	3.02	8300	AM 0 6 3 0 3 6 . M - . 3 7 6 A	34.8	80
23	40.3	153	2.66	8240	4 0 .		
20	45.23	172	2.37	8190	4 5 .		
18	51.38	196	2.09	8110	5 0 .		
16	58	221	1.85	7522	5 6 .		
15	63.06	240	1.7	7270	6 3 .		
13	73.95	282	1.45	7634	7 1 .		
12	80.4	307	1.34	7311	8 0 .		
10	90.84	346	1.19	6596	9 0 .		
9	102.35	390	1.05	6892	1 0 0		
8	115.82	442	0.93	6427	1 1 2		
7.1	130.5	498	0.83	5660	1 2 5		
19	48.56	185	3.52	11400	AM 0 7 2 0 5 0 . M - . 3 7 6 A	46.8	80
17	53.96	206	2.76	11300	5 6 .		
16	59.34	226	3.31	11300	6 3 .		
14	65.93	251	2.76	11200	7 1 .		
18	52.69	201	3.75	11109	AM 0 7 3 0 5 0 . M - . 3 7 6 A	55.8	80
16	58.34	222	3.39	10874	5 6 .		
15	62.29	237	3.18	10763	6 3 .		
12	74.47	284	2.66	10845	7 1 .		
12	79.51	303	2.5	10704	8 0 .		
10	91.15	348	2.17	10162	9 0 .		
9.3	99.8	381	1.99	10302	1 0 0		
8	116.34	444	1.71	9976	1 1 2		
7.3	127.39	486	1.56	9576	1 2 5		
6.5	142.16	542	1.37	10163	1 4 0		
5.9	155.66	594	1.25	9680	1 6 0		
5.3	174.01	664	1.17	8876	1 8 0		
4.7	195.15	745	1.04	9215	2 0 0		
4.4	212.62	812	0.92	8771	2 2 5		
3.9	238.45	910	0.82	7829	2 5 0		
3.7	247.39	944	0.82	8266	AM 0 7 4 0 2 5 0 M - . 3 7 6 A	60.8	80
3.5	261.7	999	1.43	21603	AM 0 8 4 0 2 5 0 M - . 3 7 6 A	101.8	80
2.9	318.22	1215	0.95	23303	3 0 0		
2.5	369.97	1413	1.07	20576	3 5 0		
2.3	394.89	1508	0.95	21603	4 0 0		
2	471.71	1801	0.84	20576	4 5 0		
3.5	261.57	999	3.03	24951	AM 0 9 4 0 2 5 0 M - . 3 7 6 A	150.8	80
2.8	328.69	1255	2.24	25710	3 0 0		
2.6	360.32	1376	2.05	25710	3 5 0		
2.2	419.08	1600	1.76	25710	4 0 0		
2	471.08	1799	1.7	24951	4 5 0		
1.9	495.97	1894	1.48	25710	5 0 0		
1.7	557.5	2129	1.43	24951	5 6 0		
1.5	632.36	2415	1.17	25710	6 5 0		
1.2	784.72	2997	1.02	24951	7 8 0		
1.1	846.67	3234	0.95	24951	8 6 0		
0.94	986.15	3766	0.81	24951	1 0 C		
2.7	336.97	1287	3.13	42776	AM 1 0 4 0 3 0 0 M - . 3 7 6 A	212.8	80
2.5	374.32	1429	2.83	42776	3 5 0		
2.2	430.13	1642	2.47	42776	4 0 0		
2.1	441.09	1684	2.81	41580	4 5 0		
1.7	545.73	2084	1.93	42776	5 0 0		
1.7	559.64	2137	2.2	41580	5 6 0		
1.3	696.59	2660	1.52	42776	6 5 0		
1.2	776.97	2967	1.51	42352	7 8 0		
1.1	823.09	3143	1.51	41580	8 6 0		
0.95	976.52	3730	1.27	41580	1 0 C		
0.83	1113.2	4252	1.09	41919	1 1 C		
0.79	1176.6	4494	1	42352	1 2 C		
0.69	1341.3	5123	0.9	42213	1 3 C		
0.61	1523.0	5817	0.82	41580	1 5 C		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation			Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry Spaces to be filled	1 Through 20 when entering order	Weight of base mount unit	Motor Frame Size	
951	1.44	5	6.17	1485	AM 03 2 0 1 . 4	M - . . . 5 5 4 A	17.4	80	
704	1.95	7	5.07	1592		1 . 8			
619	2.21	8	4.55	1619		2 . 2			
547	2.51	9	4.23	1643		2 . 5			
465	2.95	11	5.98	1693		2 . 8			
427	3.21	12	3.44	1707		3 . 2			
387	3.45	13	3.3	1724		3 . 6			
344	3.98	15	5.07	1784		4 . 0			
303	4.53	17	4.47	1825		4 . 5			
270	5.07	19	4.02	1858		5 . 0			
238	5.76	22	3.54	1862		5 . 6			
209	6.56	25	3.07	1868		6 . 3			
194	7.07	27	2.85	1868		7 . 1			
164	8.35	32	2.46	1868		8 . 0			
152	9	34	2.27	1871		9 . 0			
135	10.11	38	1.99	1916		1 0 .			
119	11.56	44	1.75	1916		1 1 .			
106	12.88	49	1.59	1820		1 2 .			
93	14.71	56	1.39	1916		1 4 .			
88	15.6	59	1.3	1909		1 6 .			
75	18.28	70	1.11	1861		1 8 .			
69	19.86	76	1.03	1697		2 0 .			
59	23.27	89	0.88	1840		2 2 .			
124	11.03	42	3.8	3280	AM 04 2 0 1 1 .	M - . . 5 5 4 A	20.4	80	
111	12.37	47	3.54	3400		1 2 .			
97	14.05	53	3.21	3520		1 4 .			
86	15.87	60	2.63	3641		1 6 .			
79	17.25	66	2.61	3730		1 8 .			
68	20.23	77	2.39	3902		2 0 .			
62	21.99	84	2.2	3991		2 2 .			
55	24.85	95	1.87	3993		2 5 .			
49	28	107	1.69	3940		2 8 .			
43	31.68	121	1.54	3880		3 2 .			
38	35.69	136	1.37	3815		3 6 .			
35	39.37	150	1.24	3784		4 0 .			
31	44.36	170	1.1	3700		4 5 .			
29	47.09	180	1.03	3610		5 0 .			
26	53.54	205	0.89	3500		5 6 .			
23	58.54	224	0.83	3470		6 3 .			
39	35.19	134	1.39	3815	AM 04 3 0 3 6 .	M - . . 5 5 4 A	24.4	80	
34	40.22	154	1.22	3727		4 0 .			
31	44.86	171	1.1	3660		4 5 .			
27	51.26	196	0.96	3550		5 0 .			
25	54.28	208	0.91	3480		5 6 .			
54	25.25	96	3.2	7355	AM 06 2 0 2 5 .	M - . . 5 5 4 A	29.4	80	
50	27.65	105	2.95	7558		2 8 .			
43	32.19	123	3.2	7930		3 2 .			
39	35.25	135	2.95	8142		3 6 .			
35	38.75	148	2.44	8294		4 0 .			
32	42.43	162	2.23	8246		4 5 .			
28	48.15	184	1.8	8155		5 0 .			
25	54	207	1.36	8078		5 6 .			
24	57.96	222	1.69	8047		6 3 .			
21	65	249	1.36	7957		7 1 .			
39	35.47	135	2.8	8150	AM 06 3 0 3 6 .	M - . . 5 5 4 A	34.4	80	
34	40.3	154	2.51	8250		4 0 .			
30	45.23	173	2.37	8200		4 5 .			
27	51.38	196	2.08	8120		5 0 .			
24	58	222	1.84	8002		5 6 .			
22	63.06	241	1.7	7929		6 3 .			
19	73.95	283	1.45	7818		7 1 .			
17	80.4	308	1.33	7737		8 0 .			
15	90.84	348	1.18	7553		9 0 .			
13	102.35	392	1.05	7400		1 0 0			
12	115.82	444	0.93	7270		1 1 2			
10	130.5	500	0.82	7080		1 2 5			
28	48.56	186	3.04	11400	AM 07 2 0 5 0 .	M - . . 5 5 4 A	46.4	80	
25	53.96	206	2.73	11300		5 6 .			
23	59.34	227	3.04	11300		6 3 .			
21	65.93	252	2.73	11200		7 1 .			

SELECTION TABLES - GEARED MOTORS

0.55 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
26	52.69	202	3.74	11303	AM 0 7 3 0 5 0 . M _ . . . 5 5 4 A _	55.4	80
23	58.34	223	3.38	11247	5 6 .		
22	62.29	238	3.16	11204	6 3 .		
18	74.47	285	2.66	11082	7 1 .		
17	79.51	304	2.49	11046	8 0 .		
15	91.15	349	2.16	10845	9 0 .		
14	99.8	382	1.98	10800	1 0 0		
12	116.34	446	1.71	10647	1 1 2		
11	127.39	488	1.56	10565	1 2 5		
10	142.16	544	1.37	10432	1 4 0		
8.8	155.66	596	1.25	10318	1 6 0		
7.9	174.01	667	1.14	10086	1 8 0		
7	195.15	748	1.02	9850	2 0 0		
6.4	212.62	815	0.92	9730	2 2 5		
5.7	238.45	914	0.82	9470	2 5 0		
5.5	247.39	948	0.82	8266	AM 0 7 4 0 2 5 0 M - . . 5 5 4 A	60.4	80
13	103.54	396	3.69	24200	AM 0 8 3 0 1 0 0 M - . . 5 5 4 A	84.4	80
12	116.97	448	3.28	24200	1 1 2		
11	128.49	492	2.99	24100	1 2 5		
9.3	147.57	565	2.47	24100	1 4 0		
8.5	162.1	621	2.25	24100	1 6 0		
8	171.94	659	2.23	24000	1 8 0		
6.9	198	759	1.96	24000	2 0 0		
6.3	216.92	831	1.68	23900	2 2 5		
5.5	249.79	957	1.46	23900	2 5 0		
5.2	261.7	1003	1.43	21603	AM 0 8 4 0 2 5 0 M _ . . . 5 5 4 A _	101.4	80
4.3	318.22	1219	0.95	23303	3 0 0		
3.7	369.97	1418	1.07	20576	3 5 0		
3.5	394.89	1513	0.95	21603	4 0 0		
2.9	471.71	1808	0.84	20576	4 5 0		
6.9	199.03	763	3.93	29600	AM 0 9 3 0 2 0 0 M - . . 5 5 4 A	135.4	80
6.2	220.51	845	3.07	29600	2 2 5		
5.5	247.96	950	2.73	29500	2 5 0		
5.2	261.57	1002	3.02	24951	AM 0 9 4 0 2 5 0 M - . . 5 5 4 A	150.4	80
4.2	328.69	1260	2.23	25710	3 0 0		
3.8	360.32	1381	2.04	25710	3 5 0		
3.3	419.08	1606	1.76	25710	4 0 0		
2.9	471.08	1805	1.69	24951	4 5 0		
2.8	495.97	1901	1.48	25710	5 0 0		
2.5	557.5	2137	1.43	24951	5 6 0		
2.2	632.36	2424	1.17	25710	6 5 0		
1.7	784.72	3008	1.02	24951	7 8 0		
1.6	846.67	3245	0.95	24951	8 6 0		
1.4	986.15	3780	0.81	24951	1 0 C		
4.1	336.97	1291	3.13	42776	AM 1 0 4 0 3 0 0 M - . . 5 5 4 A	212.4	80
3.7	374.32	1435	2.83	42776	3 5 0		
3.2	430.13	1648	2.46	42776	4 0 0		
3.1	441.09	1690	2.81	41580	4 5 0		
2.5	545.73	2092	1.93	42776	5 0 0		
2.4	559.64	2145	2.2	41580	5 6 0		
2	696.59	2670	1.52	42776	6 5 0		
1.8	776.97	2978	1.51	42352	7 8 0		
1.7	823.09	3155	1.51	41580	8 6 0		
1.4	976.52	3743	1.27	41580	1 0 C		
1.2	1113.2	4267	1.09	41919	1 1 C		
1.2	1176.6	4510	1	42352	1 2 C		
1	1341.3	5142	0.9	42213	1 3 C		
0.9	1523.0	5838	0.82	41580	1 5 C		
3	463.19	1775	3.76	64749	AM 1 3 4 0 4 5 0 M - . . 5 5 4 A	323.4	80
2.6	522.83	2004	3.33	64749	5 0 0		
2.3	588.08	2254	3.04	64632	5 6 0		
2.1	654.98	2510	2.74	64632	6 5 0		
1.7	812.79	3115	2.22	64632	7 8 0		
1.5	896.83	3438	1.8	64982	8 6 0		
1.3	1017.1	3899	1.77	64632	1 0 C		
1.2	1112.9	4266	1.46	64982	1 1 C		
1.1	1262.1	4838	1.43	64632	1 2 C		
0.98	1392.6	5339	1.16	64982	1 3 C		
0.86	1592.3	6104	1.14	64632	1 5 C		
0.81	1689.0	6475	1.07	64632	1 7 C		
0.7	1944.9	7456	0.93	64632	1 9 C		
0.66	2066.2	7921	0.89	64690	2 1 C		
1.7	789.76	3027	3.8	80613	AM 1 4 4 0 7 8 0 M - . . 5 5 4 A	438.4	80
1.5	899.7	3449	3.33	80613	8 6 0		
1.4	974.77	3736	3.11	80613	1 0 C		
1.2	1116.4	4280	2.69	80613	1 1 C		
1.1	1209.6	4637	2.52	80613	1 2 C		
1	1328.7	5093	2.29	80613	1 3 C		
0.9	1526.0	5850	2	80613	1 5 C		
0.77	1778.1	6816	1.71	80613	1 7 C		
0.67	2047.5	7849	1.49	80613	1 9 C		
0.61	2243.3	8600	1.36	80613	2 1 C		
0.57	2384.2	9140	1.27	80613	2 3 C		
0.53	2583.2	9903	1.19	80613	2 6 C		
0.47	2945.6	11292	0.94	80711	2 9 C		
0.44	3124.6	11978	0.88	80711	3 2 C		

SELECTION TABLES - GEARED MOTORS

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 Spaces to be filled when entering order	1	Through 20	Weight of base mount unit	Motor Frame Size
642	1.44	8	4.17	1619	AM 0 3 2 0 1 . 4	M - . . . 5 5 6 A		19.3	80
476	1.95	11	3.42	1677		1 . 8			
418	2.21	12	3.07	1717		2 . 2			
369	2.51	14	2.86	1758		2 . 5			
314	2.95	16	4.33	1818		2 . 8			
289	3.21	18	2.33	1829		3 . 2			
268	3.45	19	2.22	1843		3 . 6			
232	3.98	22	3.42	1865		4 . 0			
204	4.53	25	3.01	1868		4 . 5			
183	5.07	28	2.72	1868		5 . 0			
161	5.76	32	2.4	1868		5 . 6			
141	6.56	37	2.08	1855		6 . 3			
131	7.07	40	1.93	1811		7 . 1			
111	8.35	47	1.65	1668		8 . 0			
103	9	51	1.53	1614		9 . 0			
91	10.11	57	1.35	1723		1 0 .			
80	11.56	65	1.18	1605		1 1 .			
72	12.88	73	1.07	1432		1 2 .			
63	14.71	83	0.94	1547		1 4 .			
59	15.6	88	0.88	1547		1 6 .			
130	7.13	40	3.85	3257	AM 0 4 2 0 7 . 1	M - . . 5 5 6 A		22.3	80
116	8	45	3.61	3371		8 . 0			
102	9.09	51	3.28	3501		9 . 0			
95	9.7	55	3.07	3564		1 0 .			
84	11.03	62	2.8	3692		1 1 .			
75	12.37	70	2.61	3821		1 2 .			
66	14.05	79	2.33	3900		1 4 .			
58	15.87	90	1.79	4006		1 6 .			
54	17.25	97	1.77	3946		1 8 .			
46	20.23	114	1.62	3712		2 0 .			
42	21.99	124	1.49	3853		2 2 .			
37	24.85	141	1.32	3649		2 5 .			
33	28	158	1.17	3683		2 8 .			
29	31.68	179	1.04	3601		3 2 .			
26	35.69	202	0.92	3445		3 6 .			
23	39.37	223	0.84	3284		4 0 .			
26	35.19	199	0.94	3424	M 0 4 3 0 3 6 .	M - . . 5 5 6 A		26.3	80
23	40.22	228	0.82	2923		4 0 .			
57	16.16	91	3.57	7111	M 0 6 2 0 1 6 .	M - . . 5 5 6 A		31.3	80
54	17.25	97	3.4	7203		1 8 .			
45	20.61	116	3.45	7726		2 0 .			
42	22	124	3.24	7779		2 2 .			
37	25.25	143	2.47	8096		2 5 .			
33	27.65	156	2.29	7898		2 8 .			
29	32.19	182	2.22	7651		3 2 .			
26	35.25	200	2.03	8036		3 6 .			
24	38.75	220	1.65	7841		4 0 .			
22	42.43	240	1.5	7566		4 5 .			
19	48.15	273	1.4	7756		5 0 .			
17	54	306	0.92	7291		5 6 .			
16	57.96	329	1.14	7102		6 3 .			
14	65	369	0.92	7523		7 1 .			
26	35.47	201	2.03	7979	AM 0 6 3 0 3 6 .	M - . . 5 5 6 A		36.3	80
23	40.3	228	1.79	7736		4 0 .			
20	45.23	256	1.59	7578		4 5 .			
18	51.38	291	1.4	7629		5 0 .			
16	58	329	1.25	6789		5 6 .			
15	63.06	358	1.15	6370		6 3 .			
13	73.95	419	0.98	7026		7 1 .			
12	80.4	456	0.9	6491		8 0 .			
26	35.17	199	3.77	11235	AM 0 7 2 0 3 6 .	M - . . 5 5 6 A		48.3	80
24	39.24	222	3.33	11159		4 0 .			
22	42.98	244	3.05	10970		4 5 .			
19	48.56	275	2.37	11016		5 0 .			
17	53.96	306	1.86	10776		5 6 .			
16	59.34	336	2.22	10994		6 3 .			
14	65.93	374	1.86	10843		7 1 .			
26	35.49	201	3.75	11300	AM 0 7 3 0 3 6 .	M - . . 5 5 6 A		57.3	80
22	41.28	234	3.22	11203		4 0 .			
20	45.3	257	2.94	11110		4 5 .			
18	52.69	299	2.52	10643		5 0 .			
16	58.34	331	2.28	10187		5 6 .			
15	62.29	353	2.14	9971		6 3 .			
12	74.47	422	1.79	10224		7 1 .			
12	79.51	451	1.68	9949		8 0 .			
10	91.15	517	1.46	9899		9 0 .			
9.3	99.8	566	1.34	9357		1 0 0			
8	116.34	660	1.15	8722		1 1 2			
7.3	127.39	723	1.05	8038		1 2 5			
6.5	142.16	807	0.92	9181		1 4 0			
5.9	155.66	883	0.84	8334		1 6 0			

SELECTION TABLES - GEARED MOTORS

0.55 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg Weight of base mount unit	Motor Frame Size
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order		
13	69.09	392	3.5	24200	AM 0 8 2 0 7 1 . M - . 5 5 6 A	81.3	80
14	66.68	378	3.85	24200	AM 0 8 3 0 6 3 . M - . 5 5 6 A	86.3	80
13	73.3	416	3.52	24200	7 1 .		
11	82.74	469	3.14	24200	8 0 .		
10	94.26	535	2.73	24100	9 0 .		
8.9	103.54	587	2.49	24000	1 0 0		
7.9	116.97	664	2.22	24000	1 1 2		
7.2	128.49	729	2.01	24000	1 2 5		
6.3	147.57	837	1.66	23900	1 4 0		
5.7	162.1	920	1.51	23900	1 6 0		
5.4	171.94	976	1.51	23800	1 8 0		
4.7	198	124	1.32	23700	2 0 0		
4.3	216.92	1231	1.15	23600	2 2 5		
3.7	249.79	1418	1.01	23500	2 5 0		
3.5	261.7	1485	0.96	21603	AM 0 8 4 0 2 5 0 M - . 5 5 6 A	103.3	80
6.4	145.2	824	3.14	29600	AM 0 9 3 0 1 4 0 M - . 5 5 6 A	137.3	80
5.8	160.29	910	2.84	29500	1 6 0		
5.2	177	1004	2.98	29500	1 8 0		
4.6	199.03	1130	2.65	29400	2 0 0		
4.2	220.51	1252	2.08	29300	2 2 5		
3.7	247.96	1407	1.86	29200	2 5 0		
3.5	261.57	1485	2.04	24951	AM 0 9 4 0 2 5 0 M - . 5 5 6 A	152.3	80
2.8	328.69	1866	1.5	25710	3 0 0		
2.6	360.32	2045	1.38	25710	3 5 0		
2.2	419.08	2379	1.18	25710	4 0 0		
2	471.08	2674	1.14	24951	4 5 0		
1.9	495.97	2816	1	25710	5 0 0		
1.7	557.5	3165	0.96	24951	5 6 0		
4.4	211.75	1202	3.68	49600	AM 1 0 3 0 2 2 5 M - . 5 5 6 A	192.3	80
4.1	227.5	1291	3.45	49400	2 5 0		
3.8	242.33	1375	3.41	41580	AM 1 0 4 0 2 5 0 M - . 5 5 6 A	214.3	80
2.7	336.97	1913	2.1	42776	3 0 0		
2.5	374.32	2125	1.91	42776	3 5 0		
2.2	430.13	2442	1.66	42776	4 0 0		
2.1	441.09	2504	1.89	41580	4 5 0		
1.7	545.73	3098	1.3	42776	5 0 0		
1.7	559.64	3177	1.48	41580	5 6 0		
1.3	696.59	3955	1.03	42776	6 5 0		
1.2	776.97	4411	1.01	42352	7 8 0		
1.1	823.09	4673	1.02	41580	8 6 0		
0.95	976.52	5544	0.85	41580	1 0 C		
3.1	294.09	1669	3.95	64749	AM 1 3 4 0 2 5 0 M - . 5 5 6 A	325.3	80
2.8	331.96	1884	3.5	64749	3 0 0		
2.5	368.42	2091	3.24	64632	3 5 0		
2.2	415.86	2361	2.87	64632	4 0 0		
2	463.19	2629	2.53	64749	4 5 0		
1.8	522.83	2968	2.24	64749	5 0 0		
1.6	588.08	3339	2.05	64632	5 6 0		
1.4	654.98	3718	1.84	64632	6 5 0		
1.1	812.79	4614	1.49	64632	7 8 0		
1	896.83	5092	1.21	64982	8 6 0		
0.91	1017.11	5775	1.19	64632	1 0 C		
0.83	1112.91	6319	0.98	64982	1 1 C		
0.73	1262.16	7166	0.96	64632	1 2 C		
1.2	754.34	4047	3.21	68000	AM1442730 M - .55C--	420	80
1.1	852.89	4576	2.84	68000	AM1442860 M - .55C--	420	80
0.93	997.48	5352	2.43	68000	AM144210C M - .55C--	420	80
0.80	1156.47	6205	2.10	68000	AM144211C M - .55C--	420	80
0.72	1291.58	6930	1.88	68000	AM144213C M - .55C--	420	80
0.62	1510.56	8105	1.60	68000	AM144215C M - .55C--	420	80
0.47	1981.35	10631	1.22	68000	AM144220C M - .55C--	420	80
0.38	2445.42	13121	0.99	68000	AM144224C M - .55C--	420	80
0.34	2717.13	14579	0.89	68000	AM144227C M - .55C--	420	80

SELECTION TABLES - GEARED MOTORS

0.75 KW – 4 Pole

N2 R/MIN	i	M2 Nm	F m	N	Unit Designation	Kg	Motor Frame Size
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	
962	1.44	7	4.57	1473	AM 03201.4 M - .754 A	18.5	80
712	1.95	10	3.7	1575	1.8		
626	2.21	11	3.3	1600	2.2		
553	2.51	12	3.1	1621	2.5		
470	2.95	15	4.4	1671	2.8		
432	3.21	16	2.5	1678	3.2		
401	3.45	17	2.4	1694	3.6		
348	3.98	20	3.7	1754	4.0		
306	4.53	23	3.3	1790	4.5		
273	5.07	26	2.9	1821	5.0		
240	5.76	29	2.6	1825	5.6		
211	6.56	33	2.2	1835	6.3		
196	7.07	36	2.1	1835	7.1		
166	8.35	43	1.8	1835	8.0		
154	9	46	1.6	1839	9.0		
137	10.11	52	1.4	1910	10.		
120	11.56	59	1.3	1910	11.		
108	12.88	66	1.1	1769	12.		
94	14.71	76	1.0	1910	14.		
89	15.6	80	0.9	1900	16.		
76	18.28	94	0.8	1830	18.		
194	7.13	36	3.9	2983	AM 04207.1 M - .754 A	21.5	80
173	8	41	3.7	3038	8.0		
152	9.09	46	3.3	3102	9.0		
143	9.7	50	3.0	3127	10.		
126	11.03	57	2.8	3208	11.		
112	12.37	63	2.6	3321	12.		
99	14.05	72	2.3	3431	14.		
87	15.87	82	1.9	3540	16.		
80	17.25	89	1.9	3618	18.		
68	20.23	104	1.7	3773	20.		
63	21.99	113	1.6	3852	22.		
56	24.85	128	1.3	3832	25.		
49	28	144	1.2	3760	28.		
44	31.68	163	1.1	3680	32.		
39	35.69	184	1.0	3590	36.		
35	39.37	203	0.9	3550	40.		
39	35.19	181	1.0	3590	AM 043036. M - .754 A	25.5	80
34	40.22	207	0.9	3470	40.		
86	16.16	83	3.4	6340	AM 062016. M - .754 A	30.5	80
80	17.25	89	3.2	6462	18.		
67	20.61	106	3.4	6830	20.		
63	22	113	3.2	6960	22.		
55	25.25	130	2.3	7227	25.		
50	27.65	142	2.1	7417	28.		
43	32.19	166	2.3	7773	32.		
39	35.25	182	2.1	7971	36.		
36	38.75	200	1.8	8110	40.		
33	42.43	219	1.6	8045	45.		
29	48.15	248	1.3	7920	50.		
26	54	279	1.0	7817	56.		
24	57.96	299	1.2	7772	63.		
21	65	336	1.0	7650	71.		
39	35.47	183	2.0	7971	AM 063036. M - .754 A	35.5	80
34	40.3	208	1.8	8045	40.		
31	45.23	233	1.7	7981	45.		
27	51.38	265	1.5	7872	50.		
24	58	299	1.3	7710	56.		
22	63.06	326	1.2	7613	63.		
19	73.95	382	1.0	7460	71.		
17	80.4	415	0.9	7350	80.		
15	90.84	469	0.8	7100	90.		
35	39.24	202	3.2	10954	AM 072040. M - .754 A	47.5	80
32	42.98	222	2.9	11242	45.		
29	48.56	251	2.2	11209	50.		
26	53.96	279	2.0	11095	56.		
23	59.34	306	2.2	11068	63.		
21	65.93	340	2.0	10947	71.		
34	41.28	213	3.5	11089	AM 073040. M - .754 A	56.5	80
31	45.3	234	3.2	11261	45.		
26	52.69	272	2.7	11105	50.		
24	58.34	301	2.5	11012	56.		
22	62.29	322	2.3	10941	63.		
19	74.47	385	1.9	10804	71.		
17	79.51	411	1.8	10744	80.		
15	91.15	471	1.6	10476	90.		
14	99.8	516	1.4	10400	100		
12	116.3	601	1.2	10211	112		
11	127.3	658	1.1	10076	125		
10	142.1	735	1.0	9920	140		
8.9	155.6	804	0.9	9730	160		
8	174.0	899	0.8	9410	180		

SELECTION TABLES - GEARED MOTORS

0.75 KW – 4 Pole

N2 R/MIN	i	M2 N	F	N	Unit Designation	Kg	Motor Frame Size
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	
20	69.09	357	3.8	2423	AM 0 8 2 0 7 1 . M - . 7 5 4 A	80.5	80
19	73.3	379	3.8	2422	AM 0 8 3 0 7 1 . M - . 7 5 4 A	85.5	80
17	82.74	427	3.4	2421	8 0 .		
15	94.26	487	3.0	2410	9 0 .		
13	103.54	535	2.7	2409	1 0 0		
12	116.97	604	2.4	2407	1 1 2		
11	128.49	664	2.2	2399	1 2 5		
9.4	147.57	763	1.8	2397	1 4 0		
8.5	162.1	838	1.6	2395	1 6 0		
8.1	171.94	889	1.6	2385	1 8 0		
7	198	102	1.4	2381	2 0 0		
6.4	216.92	112	1.2	2371	2 2 5		
5.5	249.79	129	1.0	2360	2 5 0		
5.3	261.7	135	1.0	2160	AM 0 8 4 0 2 5 0 M - . 7 5 4 A	102.5	80
10	145.2	750	3.4	2959	AM 0 9 3 0 1 4 0 M - . 7 5 4 A	136.5	80
8.6	160.29	828	3.1	2957	1 6 0		
7.8	177	915	3.2	2947	1 8 0		
7	199.03	102	2.9	2946	2 0 0		
6.3	220.51	114	2.2	2943	2 2 5		
5.6	247.96	128	2.0	2933	2 5 0		
5.3	261.57	135	2.2	2495	AM 0 9 4 0 2 5 0 M - . 7 5 4 A	151.5	80
4.2	328.69	169	1.6	2571	3 0 0		
3.8	360.32	186	1.5	2571	3 5 0		
3.3	419.08	216	1.3	2571	4 0 0		
2.9	471.08	243	1.2	2495	4 5 0		
2.8	495.97	256	1.1	2571	5 0 0		
2.5	557.5	288	1.0	2495	5 6 0		
2.2	632.36	327	0.8	2571	6 5 0		
6.1	227.5	117	3.7	4963	AM 1 0 3 0 2 5 0 M - . 7 5 4 A	191.5	80
5.7	242.33	125	3.7	4158	AM 1 0 4 0 2 5 0 M - . 7 5 4 A	213.5	80
4.1	336.97	174	2.3	4277	3 0 0		
3.7	374.32	193	2.1	4277	3 5 0		
3.2	430.13	222	1.8	4277	4 0 0		
3.1	441.09	228	2.0	4158	4 5 0		
2.5	545.73	282	1.4	4277	5 0 0		
2.5	559.64	289	1.6	4158	5 6 0		
2	696.59	360	1.1	4277	6 5 0		
1.8	776.97	401	1.1	4235	7 8 0		
1.7	823.09	425	1.1	4158	8 6 0		
1.4	976.52	504	0.9	4158	1 0 C		
1.2	1113.2	575	0.8	4191	1 1 C		
4.2	331.96	171	3.8	6474	AM 1 3 4 0 3 0 0 M - . 7 5 4 A	324.5	80
3.8	368.42	190	3.5	6463	3 5 0		
3.3	415.86	215	3.1	6463	4 0 0		
3	463.19	239	2.7	6474	4 5 0		
2.6	522.83	270	2.4	6474	5 0 0		
2.4	588.08	304	2.2	6463	5 6 0		
2.1	654.98	338	2.0	6463	6 5 0		
1.7	812.79	420	1.6	6463	7 8 0		
1.5	896.83	463	1.3	6498	8 6 0		
1.4	1017.1	552	1.3	6463	1 0 C		
1.2	1112.9	575	1.0	6498	1 1 C		
1.1	1262.1	652	1.0	6463	1 2 C		
0.99	1392.6	720	0.8	6498	1 3 C		
0.87	1592.3	823	0.8	6463	1 5 C		
1.9	754.34	361	3.6	6800	AM1442730 M - .75A--	420	80
1.7	852.89	408	3.1	6800	AM1442860 M - .75A--	420	80
1.4	997.48	478	2.7	6800	AM144210C M - .75A--	420	80
1.2	1156.4	554	2.3	6800	AM144211C M - .75A--	420	80
1.1	1291.5	618	2.1	6800	AM144213C M - .75A--	420	80
0.94	1510.5	723	1.8	6800	AM144215C M - .75A--	420	80
0.78	1812.6	868	1.5	6800	AM144218C M - .75A--	420	80
0.72	1981.3	949	1.3	6800	AM144220C M - .75A--	420	80
0.58	2445.4	117	1.1	6800	AM144224C M - .75A--	420	80
0.52	2717.1	130	1.0	6800	AM144227C M - .75A--	420	80

SELECTION TABLES - GEARED MOTORS

0.75 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Rat io	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
632	1.44	11	3.01	1600	AM 0 3 2 0 1 . 4 M - . 7 5 6 A	22.4	90S
468	1.95	15	2.46	1652	1.8		
411	2.21	17	2.21	1688	2.2		
363	2.51	19	2.06	1725	2.5		
309	2.95	23	3.12	1785	2.8		
284	3.21	25	1.68	1787	3.2		
263	3.45	27	1.61	1798	3.6		
229	3.98	31	2.46	1830	4.0		
201	4.53	35	2.17	1835	4.5		
180	5.07	39	1.96	1835	5.0		
158	5.76	45	1.73	1835	5.6		
139	6.56	51	1.5	1820	6.3		
129	7.07	55	1.39	1756	7.1		
109	8.35	65	1.19	1546	8.0		
101	9	70	1.11	1468	9.0		
90	10.11	79	0.97	1627	10		
79	11.56	90	0.85	1454	11		
281	3.24	25	3.63	2781	AM 0 4 2 0 3 . 2 M - . 7 5 6 A	25.4	90S
247	3.68	28	3.34	2841	3.6		
181	5.03	39	3.7	3016	5.0		
164	5.55	43	3.44	3058	5.6		
145	6.28	49	3.06	3113	6.3		
128	7.13	56	2.78	3187	7.1		
114	8	62	2.6	3294	8.0		
100	9.09	71	2.36	3413	9.0		
94	9.7	76	2.21	3469	10		
83	11.03	86	2.02	3584	11		
74	12.37	97	1.88	3701	12		
65	14.05	110	1.68	3700	14		
57	15.87	124	1.29	3851	16		
53	17.25	135	1.28	3768	18		
45	20.23	159	1.17	3429	20		
41	21.99	173	1.07	3641	22		
37	24.85	195	0.95	3351	25		
33	28	220	0.85	3410	28		
93	9.83	77	3.74	6050	AM 0 6 2 0 1 0 . M - . 7 5 6 A	34.4	90S
80	11.44	89	3.36	6235	11		
73	12.54	98	3.73	6404	12		
62	14.58	114	3.34	6868	14		
56	16.16	127	2.58	6907	16		
53	17.25	135	2.45	6967	18		
44	20.61	162	2.49	7520	20		
41	22	173	2.34	7514	22		
36	25.25	198	1.78	7820	25		
33	27.65	217	1.66	7540	28		
28	32.19	253	1.61	7181	32		
26	35.25	277	1.47	7750	36		
23	38.75	304	1.19	7475	40		
21	42.43	333	1.09	7076	45		
19	48.15	378	1.01	7368	50		
16	57.96	456	0.82	6428	63		
26	35.47	279	1.47	7624	AM 0 6 3 0 3 6 . M - . 7 5 6 A	40.4	90S
23	40.3	317	1.29	7177	40		
20	45.23	355	1.15	6898	45		
18	51.38	404	1.01	7094	50		
16	58	456	0.9	5975	56		
14	63.06	496	0.83	5370	63		
36	25.16	198	3.78	10727	AM 0 7 2 0 2 5 . M - . 7 5 6 A	51.4	90S
33	27.56	216	3.45	10859	28		
28	32.12	252	2.97	10780	32		
26	35.17	276	2.72	10940	36		
23	39.24	308	2.4	10780	40		
21	42.98	338	2.2	10492	45		
19	48.56	382	1.71	10590	50		
17	53.96	424	1.34	10195	56		
15	59.34	466	1.61	10654	63		
14	65.93	518	1.34	10446	71		
26	35.49	279	2.7	11084	AM 0 7 3 0 3 6 . M - . 7 5 6 A	61.4	90S
22	41.28	324	2.33	10935	40		
20	45.3	356	2.12	10791	45		
17	52.69	414	1.82	10127	50		
16	58.34	459	1.64	9424	56		
15	62.29	490	1.54	9091	63		
12	74.47	586	1.29	9535	71		
11	79.51	625	1.21	9112	80		
10	91.15	717	1.06	7686	90		
9.1	99.8	785	0.97	8307	100		
7.8	116.34	915	0.83	7328	112		

SELECTION TABLES - GEARED MOTORS

0.75 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
20	44.84	352	3.88	24218	AM 0 8 2 0 4 5 . M - . 7 5 6 A	84.4	90S
19	47.56	374	3.88	241	5 0 .		
17	54.76	431	3.39	23934	5 6 .		
15	60	472	2.91	24093	6 3 .		
13	69.09	543	2.53	23865	7 1 .		
15	59.07	464	3.13	241	AM 0 8 3 0 5 6 . M - . 7 5 6 A	89.4	90S
14	66.68	524	2.78	24090	6 3 .		
12	73.3	576	2.54	24090	7 1 .		
11	82.74	651	2.26	23945	8 0 .		
10	94.26	741	1.97	23384	9 0 .		
8.8	103.54	814	1.79	23018	1 0 0		
7.8	116.97	920	1.61	23768	1 1 2		
7.1	128.49	1011	1.45	23389	1 2 5		
6.2	147.57	1161	1.2	22847	1 4 0		
5.6	162.1	1275	1.09	22363	1 6 0		
5.3	171.94	1353	1.09	22927	1 8 0		
4.6	198	1558	0.95	21809	2 0 0		
4.2	216.92	1707	0.83	21236	2 2 5		
10	93.92	739	3.73	29590	AM 0 9 3 0 9 0 . M - . 7 5 6 A	140.4	90S
8.8	103.68	816	3.37	29578	1 0 0		
7.8	116.55	917	3.25	29478	1 1 2		
7.1	128.66	1012	2.94	29466	1 2 5		
6.3	145.2	1142	2.26	29442	1 4 0		
5.7	160.29	1261	2.05	29330	1 6 0		
5.1	177	1393	2.15	29051	1 8 0		
4.6	199.03	1566	1.91	28503	2 0 0		
4.1	220.51	1735	1.5	29068	2 2 5		
3.7	247.96	1951	1.34	28926	2 5 0		
3.5	261.57	2058	1.47	24951	AM 0 9 4 0 2 5 0 . M - . 7 5 6 A	152.4	90S
2.8	328.69	2586	1.09	25710	3 0 0		
2.5	360.32	2835	0.99	25710	3 5 0		
2.2	419.08	3298	0.85	25710	4 0 0		
1.9	471.08	3707	0.82	24951	4 5 0		
5.8	156.57	1232	3.55	49518	AM 1 0 3 0 1 6 0 M - . 7 5 6 A	195.4	90S
5.2	175.74	1383	3.35	49249	1 8 0		
4.8	188.81	1485	3.12	48928	2 0 0		
4.3	211.75	1666	2.65	48946	2 2 5		
4	227.5	1790	2.49	48706	2 5 0		
3.8	242.33	1907	2.46	41580	AM 1 0 4 0 2 5 0 M - . 7 5 6 A	217.4	90S
2.7	336.97	2652	1.52	42776	3 0 0		
2.4	374.32	2946	1.37	42776	3 5 0		
2.1	430.13	3385	1.2	42776	4 0 0		
2.1	441.09	3471	1.36	41580	4 5 0		
1.7	545.73	4295	0.94	42776	5 0 0		
1.6	559.64	4404	1.07	41580	5 6 0		
3.1	294.09	2314	2.85	64749	AM 1 3 4 0 2 5 0 M - . 7 5 6 A	328.4	90S
2.7	331.96	2612	2.52	64749	3 0 0		
2.5	368.42	2899	2.34	64632	3 5 0		
2.2	415.86	3272	2.07	64632	4 0 0		
2	463.19	3645	1.82	64749	4 5 0		
1.7	522.83	4114	1.62	64749	5 0 0		
1.5	588.08	4628	1.48	64632	5 6 0		
1.4	654.98	5154	1.33	64632	6 5 0		
1.1	812.79	6396	1.08	64632	7 8 0		
1	896.83	7058	0.87	64982	8 6 0		
0.89	1017.11	8004	0.86	64632	1 0 C		
1.8	506.63	3707	3.51	68000	AM1442500 M - .75C--	428	90S
1.4	656.00	4800	2.71	68000	AM1442650 M - .75C--	428	90S
1.2	754.34	5519	2.36	68000	AM1442730 M - .75C--	428	90S
1.1	852.89	6240	2.08	68000	AM1442860 M - .75C--	428	90S
0.93	997.48	7298	1.78	68000	AM144210C M - .75C--	428	90S
0.80	1156.4	8461	1.54	68000	AM144211C M - .75C--	428	90S
0.72	1291.5	9450	1.38	68000	AM144213C M - .75C--	428	90S
0.62	1510.5	11052	1.18	68000	AM144215C M - .75C--	428	90S
0.51	1812.6	13262	0.98	68000	AM144218C M - .75C--	428	90S
0.47	1981.3	14497	0.90	68000	AM144220C M - .75C--	428	90S

SELECTION TABLES - GEARED MOTORS

1.1 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
958	1.44	10	3.11	1453	AM 0 3 2 0 1 . 4 _ M _ _ _ 1 . 1 4 A _	21.8	90S
709	1.95	14	2.55	1544	1 . 8		
624	2.21	16	2.29	1567	2 . 2		
551	2.51	19	2.13	1583	2 . 5		
469	2.95	22	3.01	1633	2 . 8		
430	3.21	24	1.73	1627	3 . 2		
399	3.45	26	1.66	1640	3 . 6		
347	3.98	30	2.55	1700	4 . 0		
305	4.53	34	2.25	1729	4 . 5		
272	5.07	38	2.02	1755	5 . 0		
240	5.76	43	1.78	1762	5 . 6		
210	6.56	49	1.55	1776	6 . 3		
195	7.07	53	1.44	1776	7 . 1		
165	8.35	63	1.24	1776	8 . 0		
153	9	68	1.14	1783	9 . 0		
136	10.11	76	1	1900	1 0 .		
119	11.56	87	0.88	1900	1 1 .		
107	12.88	98	0.8	1680	1 2 .		
426	3.24	24	3.75	2553	AM 0 4 2 0 3 . 2 M _ _ 1 . 1 4 A	24.8	90S
375	3.68	28	3.45	2595	3 . 6		
349	3.95	30	3.95	2639	4 . 0		
317	4.35	33	3.75	2683	4 . 5		
274	5.03	38	3.39	2752	5 . 0		
249	5.55	42	3.2	2792	5 . 6		
220	6.28	47	2.97	2847	6 . 3		
194	7.13	54	2.68	2902	7 . 1		
173	8	60	2.53	2948	8 . 0		
152	9.09	69	2.28	3000	9 . 0		
142	9.7	73	2.1	3017	1 0 .		
125	11.03	83	1.91	3083	1 1 .		
112	12.37	94	1.78	3183	1 2 .		
98	14.05	106	1.62	3276	1 4 .		
87	15.87	120	1.32	3362	1 6 .		
80	17.25	131	1.32	3423	1 8 .		
68	20.23	153	1.2	3547	2 0 .		
63	21.99	167	1.11	3610	2 2 .		
56	24.85	189	0.94	3550	2 5 .		
140	9.83	74	3.37	5544	AM 0 6 2 0 1 0 . _ M _ _ _ 1 . 1 4 A _	33.8	90S
121	11.44	87	3.03	5684	1 1 .		
110	12.54	95	3.37	5787	1 2 .		
95	14.58	110	3.03	6028	1 4 .		
85	16.16	123	2.33	6195	1 6 .		
80	17.25	131	2.21	6308	1 8 .		
67	20.61	156	2.33	6653	2 0 .		
63	22	167	2.21	6772	2 2 .		
55	25.25	192	1.61	7003	2 5 .		
50	27.65	210	1.49	7172	2 8 .		
43	32.19	245	1.61	7497	3 2 .		
39	35.25	268	1.49	7672	3 6 .		
36	38.75	294	1.23	7788	4 0 .		
33	42.43	322	1.12	7692	4 5 .		
29	48.15	366	0.91	7510	5 0 .		
24	57.96	441	0.85	7290	6 3 .		
39	35.47	270	1.41	7657	AM 0 6 3 0 3 6 . _ M _ _ _ 1 . 1 4 A _	39.8	90S
34	40.3	306	1.26	7688	4 0 .		
31	45.23	344	1.19	7597	4 5 .		
27	51.38	391	1.05	7440	5 0 .		
24	58	441	0.93	7200	5 6 .		
22	63.06	479	0.86	7060	6 3 .		
55	25.16	191	3.91	9379	AM 0 7 2 0 2 5 . _ M _ _ _ 1 . 1 4 A _	50.8	90S
50	27.56	209	3.57	9633	2 8 .		
43	32.12	244	3.07	10066	3 2 .		
39	35.17	267	2.8	10336	3 6 .		
35	39.24	298	2.18	10700	4 0 .		
32	42.98	327	2.02	10966	4 5 .		
28	48.56	369	1.53	10876	5 0 .		
26	53.96	410	1.38	10736	5 6 .		
23	59.34	451	1.53	10663	6 3 .		
21	65.93	501	1.38	10505	7 1 .		
39	35.49	270	2.79	10384	AM 0 7 3 0 3 6 . _ M _ _ _ 1 . 1 4 A _	60.8	90S
33	41.28	314	2.41	10801	4 0 .		
30	45.3	344	2.2	10955	4 5 .		
26	52.69	401	1.89	10758	5 0 .		
24	58.34	444	1.7	10601	5 6 .		
22	62.29	474	1.59	10479	6 3 .		
19	74.47	566	1.34	10316	7 1 .		
17	79.51	605	1.25	10214	8 0 .		
15	91.15	693	1.09	9829	9 0 .		
14	99.8	759	0.99	9700	1 0 0		
12	116.34	885	0.86	9450	1 1 2		

SELECTION TABLES - GEARED MOTORS

1.1 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	Motor Frame Size
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	
25	54.76	416	3.5	24156	AM 0 8 2 0 5 6 . _ M _ _ _ 1 . 1 4 A _	83.8	90S
23	60	456	3	24142	6 3 .		
20	69.09	525	2.62	24120	7 1 .		
23	59.07	449	3.25	24140	AM 0 8 3 0 5 6 . _ M _ _ _ 1 . 1 4 A _	88.8	90S
21	66.68	507	2.88	24120	6 3 .		
19	73.3	557	2.64	24097	7 1 .		
17	82.74	629	2.34	24075	8 0 .		
15	94.26	717	2.04	23933	9 0 .		
13	103.54	788	1.86	23900	1 0 0		
12	116.97	890	1.65	23852	1 1 2		
11	128.49	977	1.51	23810	1 2 5		
9.4	147.57	1123	1.25	23752	1 4 0		
8.5	162.1	1233	1.13	23694	1 6 0		
8	171.94	1308	1.12	23600	1 8 0		
7	198	1507	0.99	23500	2 0 0		
6.4	216.92	1651	0.85	23400	2 2 5		
15	93.92	714	3.86	29608	AM 0 9 3 0 9 0 . _ M _ _ _ 1 . 1 4 A _	139.8	90S
13	103.68	789	3.5	29576	1 0 0		
12	116.55	887	3.37	29576	1 1 2		
11	128.66	979	3.05	29475	1 2 5		
10	145.2	1105	2.34	29408	1 4 0		
8.6	160.29	1220	2.13	29366	1 6 0		
7.8	177	1347	2.22	29266	1 8 0		
6.9	199.03	1514	1.98	29233	2 0 0		
6.3	220.51	1678	1.55	29136	2 2 5		
5.6	247.96	1887	1.38	29036	2 5 0		
5.3	261.57	1990	1.52	24951	AM 0 9 4 0 2 5 0 . _ M _ _ _ 1 . 1 4 A _	151.8	90S
4.2	328.69	2501	1.12	25710	3 0 0		
3.8	360.32	2742	1.03	25710	3 5 0		
3.3	419.08	3189	0.89	25710	4 0 0		
2.9	471.08	3585	0.85	24951	4 5 0		
8.8	156.57	1191	3.68	49623	AM 1 0 3 0 1 6 0 _ M _ _ _ 1 . 1 4 A _	194.8	90S
7.9	175.74	1337	3.46	49379	1 8 0		
7.3	188.81	1437	3.23	49215	2 0 0		
6.5	211.75	1611	2.73	49010	2 2 5		
6.1	227.5	1731	2.54	48820	2 5 0		
5.7	242.33	1844	2.55	41580	AM 1 0 4 0 2 5 0 - M _ _ _ 1 . 1 4 A -	216.8	90S
4.1	336.97	2564	1.57	42776	3 0 0		
3.7	374.32	2849	1.43	42776	3 5 0		
3.2	430.13	3274	1.24	42776	4 0 0		
3.1	441.09	3357	1.41	41580	4 5 0		
2.5	545.73	4153	0.97	42776	5 0 0		
2.5	559.64	4259	1.11	41580	5 6 0		
4.7	294.09	2238	2.95	64749	AM 1 3 4 0 2 5 0 _ M _ _ _ 1 . 1 4 A _	327.8	90S
4.2	331.96	2526	2.61	64749	3 0 0		
3.7	368.42	2804	2.42	64632	3 5 0		
3.3	415.86	3165	2.15	64632	4 0 0		
3	463.19	3525	1.89	64749	4 5 0		
2.6	522.83	3979	1.68	64749	5 0 0		
2.3	588.08	4476	1.53	64632	5 6 0		
2.1	654.98	4985	1.38	64632	6 5 0		
1.7	812.79	6186	1.12	64632	7 8 0		
1.5	896.83	6826	0.9	64982	8 6 0		
1.4	1017.1	7741	0.89	64632	1 0 C		
2.8	506.63	3536	3.68	68000	AM1442500 M - 1.1A--	428	90S
2.2	656.00	4578	2.84	68000	AM1442650 M - 1.1A--	428	90S
1.9	754.34	5264	2.47	68000	AM1442730 M - 1.1A--	428	90S
1.7	852.89	5952	2.18	68000	AM1442860 M - 1.1A--	428	90S
1.4	997.48	6961	1.87	68000	AM144210C M - 1.1A--	428	90S
1.2	1156.4	8071	1.61	68000	AM144211C M - 1.1A--	428	90S
1.1	1291.5	9014	1.44	68000	AM144213C M - 1.1A--	428	90S
0.95	1510.5	10542	1.23	68000	AM144215C M - 1.1A--	428	90S
0.79	1812.6	12650	1.03	68000	AM144218C M - 1.1A--	428	90S
0.72	1981.3	13828	0.94	68000	AM144220C M - 1.1A--	428	90S

SELECTION TABLES - GEARED MOTORS

1.1 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	Motor Frame Size
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	
639	1.44	16	2.07	1567	AM 0 3 2. 0 1. 4 . M _ _ _ 1. 1 6 A _	26.5	90L
473	1.95	22	1.7	1609	1. 8		
416	2.21	25	1.52	1637	2. 2		
367	2.51	28	1.42	1666	2. 5		
312	2.95	33	2.15	1726	2. 8		
287	3.21	36	1.16	1714	3. 2		
266	3.45	39	1.11	1719	3. 6		
231	3.98	45	1.7	1769	4. 0		
203	4.53	51	1.5	1776	4. 5		
182	5.07	57	1.35	1776	5. 0		
160	5.76	65	1.19	1776	5. 6		
140	6.56	74	1.04	1759	6. 3		
130	7.07	80	0.96	1660	7. 1		
110	8.35	95	0.82	1333	8. 0		
633	1.45	16	3.94	2440	AM 0 4 2. 0 1. 4 . M - 1. 1 6 A	29.5	90L
451	2.04	23	3.69	2536	1. 8		
409	2.25	25	3.44	2558	2. 2		
360	2.55	29	3.08	2616	2. 5		
327	2.82	32	3.62	2676	2. 8		
284	3.24	37	2.5	2718	3. 2		
250	3.68	42	2.3	2768	3. 6		
233	3.95	45	2.98	2826	4. 0		
211	4.35	49	2.77	2864	4. 5		
183	5.03	57	2.55	2930	5. 0		
166	5.55	63	2.37	2964	5. 6		
147	6.28	71	2.11	3006	6. 3		
129	7.13	81	1.92	3064	7. 1		
115	8	91	1.79	3160	8. 0		
101	9.09	103	1.63	3260	9. 0		
95	9.7	110	1.52	3302	10.		
83	11.03	125	1.39	3395	11.		
74	12.37	141	1.3	3491	12.		
65	14.05	160	1.16	3350	14.		
58	15.87	181	0.89	3580	16.		
53	17.25	196	0.88	3456	18.		
45	20.23	230	0.8	2935	20.		
94	9.83	112	2.58	5850	AM 0 6 2. 0 1 0. . M - 1. 1 6 A	38.5	90L
80	11.44	130	2.32	5954	11.		
73	12.54	143	2.57	6101	12.		
63	14.58	166	2.3	6628	14.		
57	16.16	184	1.78	6549	16.		
53	17.25	197	1.69	6555	18.		
45	20.61	235	1.72	7159	20.		
42	22	251	1.61	7050	22.		
36	25.25	288	1.23	7337	25.		
33	27.65	315	1.14	6912	28.		
29	32.19	367	1.11	6360	32.		
26	35.25	402	1.01	7251	36.		
24	38.75	442	0.82	6833	40.		
26	35.47	405	1.01	7001	AM 0 6 3. 0 3 6. . M - 1. 1 6 A	44.5	90L
23	40.3	460	0.89	6198	40.		
51	18.2	207	3.59	9528	AM 0 7 2. 0 1 8. . M - 1. 1 6 A	55.5	90L
45	20.54	234	3.19	9839	20.		
40	23.23	265	2.82	10014	22.		
37	25.16	287	2.6	10384	25.		
33	27.56	314	2.38	10362	28.		
29	32.12	366	2.05	10118	32.		
26	35.17	401	1.87	10425	36.		
23	39.24	448	1.66	10117	40.		
21	42.98	490	1.52	9656	45.		
19	48.56	554	1.18	9844	50.		
17	53.96	616	0.92	9177	56.		
16	59.34	677	1.11	10059	63.		
14	65.93	752	0.92	9752	71.		
26	35.49	405	1.86	10707	AM 0 7 3. 0 3 6. . M - 1. 1 6 A	65.5	90L
22	41.28	471	1.6	10465	40.		
20	45.3	517	1.46	10233	45.		
17	52.69	601	1.25	9222	50.		
16	58.34	666	1.13	8088	56.		
15	62.29	711	1.06	7551	63.		
12	74.47	850	0.89	8328	71.		
12	79.51	907	0.84	7645	80.		
32	28.64	326	3.63	23508	AM 0 8 2. 0 2 8. . M - 1. 1 6 A	88.5	90L
28	32.35	369	3.93	23500	32.		
26	35.54	405	3.58	23877	36.		
23	40.82	466	2.94	23622	40.		
21	44.84	511	2.67	24076	45.		
19	47.56	543	2.67	23789	50.		
17	54.76	625	2.33	23295	56.		
15	60	685	2	23908	63.		
13	69.09	788	1.74	23279	71.		

SELECTION TABLES - GEARED MOTORS

1.1 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	Motor Frame Size
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	
16	59.07	674	2.16	23966	M 0 8 3 0 5 6 . _ M _ _ _ 1 . 1 6 A _	93.5	90L
14	66.68	761	1.92	23900	6 3 .		
13	73.3	836	1.75	23900	7 1 .		
11	82.74	944	1.56	23500	8 0 .		
10	94.26	1076	1.36	22133	9 0 .		
8.9	103.54	1182	1.24	21300	1 0 0		
7.9	116.97	1335	1.11	23363	1 1 2		
7.2	128.49	1466	1	22321	1 2 5		
6.2	147.57	1684	0.83	21005	1 4 0		
14	66.49	759	3.62	29566	M 0 9 3 0 6 3 . _ M _ _ _ 1 . 1 6 A _	144.5	90L
12	74.26	847	3.51	29566	7 1 .		
11	82.51	942	3.16	29466	8 0 .		
10	93.92	1072	2.57	29400	9 0 .		
8.9	103.68	1183	2.33	29366	1 0 0		
7.9	116.55	1330	2.24	29266	1 1 2		
7.2	128.66	1469	2.03	29233	1 2 5		
6.3	145.2	1657	1.56	29166	1 4 0		
5.7	160.29	1830	1.41	29033	1 6 0		
5.2	177	2020	1.48	28266	1 8 0		
4.6	199.03	2272	1.32	26933	2 0 0		
4.2	220.51	2517	1.04	28663	2 2 5		
3.7	247.96	2831	0.92	28447	2 5 0		
3.5	261.57	2986	1.01	24951	M 0 9 4 0 2 5 0 M - _ _ 1 . 1 6 A	156.5	90L
10	95.44	1089	3.62	49455	M 1 0 3 0 9 0 . M - _ _ 1 . 1 6 A	199.5	90L
8.4	109.97	1255	3.14	48690	1 0 0		
8.2	112.77	1287	3.58	49411	1 1 2		
7.1	129.94	1483	3.11	48977	1 2 5		
6.8	135.88	1551	2.81	49052	1 4 0		
5.9	156.57	1787	2.45	48676	1 6 0		
5.2	175.74	2006	2.31	48285	1 8 0		
4.9	188.81	2155	2.15	47579	2 0 0		
4.3	211.75	2417	1.83	47804	2 2 5		
4	227.5	2597	1.72	47491	2 5 0		
3.8	242.33	2766	1.69	41580	M 1 0 4 0 2 5 0 M - _ _ 1 . 1 6 A	221.5	90L
2.7	336.97	3847	1.05	42776	3 0 0		
2.5	374.32	4273	0.95	42776	3 5 0		
2.1	430.13	4911	0.82	42776	4 0 0		
2.1	441.09	5036	0.94	41580	4 5 0		
3.1	294.09	3357	1.96	64749	M 1 3 4 0 2 5 0 M - _ _ 1 . 1 6 A	332.5	90L
2.8	331.96	3790	1.74	64749	3 0 0		
2.5	368.42	4206	1.61	64632	3 5 0		
2.2	415.86	4748	1.43	64632	4 0 0		
2	463.19	5288	1.26	64749	4 5 0		
1.8	522.83	5969	1.11	64749	5 0 0		
1.6	588.08	6714	1.02	64632	5 6 0		
1.4	654.98	7478	0.92	64632	6 5 0		
2.8	337.68	3624	3.59	68000	M1442300 M - 1.1C--	430	90L
2.6	352.51	3783	3.44	68000	M1442360 M - 1.1C--	430	90L
2.3	405.06	4347	2.99	68000	M1442400 M - 1.1C--	430	90L
2.0	459.33	4929	2.64	68000	M1442450 M - 1.1C--	430	90L
1.8	506.63	5437	2.39	68000	M1442500 M - 1.1C--	430	90L
1.4	656.00	7039	1.85	68000	M1442650 M - 1.1C--	430	90L
1.2	754.34	8095	1.61	68000	M1442730 M - 1.1C--	430	90L
1.1	852.89	9152	1.42	68000	M1442860 M - 1.1C--	430	90L
0.93	997.48	10704	1.21	68000	M144210C M - 1.1C--	430	90L
0.80	1156.4	12410	1.05	68000	M144211C M - 1.1C--	430	90L
0.72	1291.5	13860	0.94	68000	M144213C M - 1.1C--	430	90L

SELECTION TABLES - GEARED MOTORS

1.5 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
965	1.44	14	2.29	1430	AM 0 3 2 0 1 . 4 M _ _ _ 1 . 5 4 A _	24	90L
715	1.95	20	1.89	1510	1 . 8		
628	2.21	22	1.69	1530	2 . 2		
555	2.51	25	1.57	1540	2 . 5		
472	2.95	30	2.22	1590	2 . 8		
434	3.21	33	1.28	1570	3 . 2		
402	3.45	35	1.23	1580	3 . 6		
349	3.98	41	1.89	1640	4 . 0		
307	4.53	46	1.66	1660	4 . 5		
274	5.07	52	1.5	1680	5 . 0		
241	5.76	59	1.32	1690	5 . 6		
212	6.56	67	1.14	1710	6 . 3		
197	7.07	72	1.06	1710	7 . 1		
167	8.35	86	0.91	1710	8 . 0		
154	9	92	0.84	1720	9 . 0		
956	1.45	14	3.82	2150	AM 0 4 2 0 1 . 4 M - 1 . 5 4 A	27	90L
682	2.04	21	3.66	2388	1 . 8		
618	2.25	23	3.58	2410	2 . 2		
545	2.55	26	3.34	2441	2 . 5		
494	2.82	29	3.5	2491	2 . 8		
429	3.24	33	2.77	2504	3 . 2		
377	3.68	37	2.55	2540	3 . 6		
352	3.95	40	2.92	2588	4 . 0		
319	4.35	44	2.77	2627	4 . 5		
276	5.03	51	2.51	2688	5 . 0		
251	5.55	57	2.36	2722	5 . 6		
221	6.28	64	2.19	2766	6 . 3		
195	7.13	73	1.98	2808	7 . 1		
174	8	82	1.87	2845	8 . 0		
153	9.09	93	1.68	2884	9 . 0		
143	9.7	100	1.55	2891	10 .		
126	11.03	113	1.41	2940	11 .		
112	12.37	127	1.32	3025	12 .		
99	14.05	144	1.2	3099	14 .		
88	15.87	163	0.98	3160	16 .		
81	17.25	177	0.97	3200	18 .		
69	20.23	208	0.89	3290	20 .		
141	9.83	101	2.49	5443	AM 0 6 2 0 10 . M _ _ _ 1 . 5 4 A _	36	90L
122	11.44	117	2.24	5567	11 .		
111	12.54	129	2.49	5664	12 .		
95	14.58	150	2.24	5885	14 .		
86	16.16	166	1.72	6030	16 .		
81	17.25	177	1.63	6131	18 .		
67	20.61	212	1.72	6450	20 .		
63	22	226	1.63	6557	22 .		
55	25.25	260	1.19	6747	25 .		
50	27.65	284	1.1	6891	28 .		
43	32.19	331	1.19	7181	32 .		
39	35.25	363	1.1	7330	36 .		
36	38.75	399	0.91	7420	40 .		
33	42.43	437	0.83	7290	45 .		
39	35.47	365	1.04	7300	AM 0 6 3 0 3 6 . M _ _ _ 1 . 5 4 A _	42	90L
34	40.3	415	0.93	7280	40 .		
31	45.23	466	0.88	7160	45 .		
76	18.2	187	3.98	8368	AM 0 7 2 0 1 8 . M - 1 . 5 4 A	53	90L
68	20.54	211	3.53	8693	20 .		
60	23.23	239	3.13	9003	22 .		
55	25.16	259	2.89	9175	25 .		
50	27.56	283	2.64	9411	28 .		
43	32.12	330	2.27	9824	32 .		
40	35.17	362	2.07	10071	36 .		
35	39.24	404	1.61	10409	40 .		
32	42.98	442	1.49	10651	45 .		
29	48.56	500	1.13	10496	50 .		
26	53.96	556	1.02	10326	56 .		
23	59.34	611	1.13	10200	63 .		
21	65.93	679	1.02	10000	71 .		
39	35.49	365	2.06	10095	AM 0 7 3 0 3 6 . M - 1 . 5 4 A	63	90L
34	41.28	425	1.78	10472	40 .		
31	45.3	466	1.62	10604	45 .		
26	52.69	542	1.39	10362	50 .		
24	58.34	601	1.26	10132	56 .		
22	62.29	641	1.18	9952	63 .		
19	74.47	767	0.99	9760	71 .		
17	79.51	819	0.93	9610	80 .		
15	91.15	939	0.81	9090	90 .		

SELECTION TABLES - GEARED MOTORS

1.5 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	Motor Frame Size
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	
39	35.54	366	3.96	23996	AM 0 8 2 0 3 6 . M _ - _ _ 1 . 5 4 A _	86	90L
34	40.82	420	3.26	24054	4 0 .		
31	44.84	462	2.97	24179	4 5 .		
29	47.56	490	2.97	24107	5 0 .		
25	54.76	564	2.58	24052	5 6 .		
23	60	618	2.22	24028	6 3 .		
20	69.09	711	1.94	23989	7 1 .		
24	59.07	608	2.4	24024	AM 0 8 3 0 5 6 . M _ - _ 1 . 5 4 A	91	90L
21	66.68	687	2.13	23989	6 3 .		
19	73.3	755	1.95	23951	7 1 .		
17	82.74	852	1.73	23912	8 0 .		
15	94.26	971	1.51	23739	9 0 .		
13	103.54	1066	1.37	23681	1 0 0		
12	116.97	1205	1.22	23600	1 1 2		
11	128.49	1324	1.11	23600	1 2 5		
9.4	147.57	1520	0.92	23500	1 4 0		
8.6	162.1	1670	0.84	23400	1 6 0		
19	74.26	765	3.9	29552	AM 0 9 3 0 7 1 . M _ - _ 1 . 5 4 A	142	90L
17	82.51	850	3.51	29524	8 0 .		
15	93.92	967	2.85	29469	9 0 .		
13	103.68	1068	2.58	29414	1 0 0		
12	116.55	1201	2.49	29414	1 1 2		
11	128.66	1325	2.25	29312	1 2 5		
10	145.2	1496	1.73	29195	1 4 0		
8.7	160.29	1651	1.57	29124	1 6 0		
7.9	177	1823	1.64	29024	1 8 0		
7	199.03	2050	1.46	28966	2 0 0		
6.3	220.51	2272	1.14	28800	2 2 5		
5.6	247.96	2555	1.02	28700	2 5 0		
5.3	261.57	2695	1.12	24951	AM 0 9 4 0 2 5 0 M _ - _ 1 . 5 4 A	154	90L
4.2	328.69	3387	0.83	25710	3 0 0		
13	109.97	1133	3.48	49579	AM 1 0 3 0 1 0 0 M _ - _ 1 . 5 4 A	197	90L
12	112.77	1162	3.98	49586	1 1 2		
11	129.94	1339	3.45	49314	1 2 5		
10	135.88	1400	3.13	49278	1 4 0		
8.9	156.57	1613	2.72	48985	1 6 0		
7.9	175.74	1810	2.56	48637	1 8 0		
7.4	188.81	1945	2.38	48427	2 0 0		
6.6	211.75	2182	2.01	48144	2 2 5		
6.1	227.5	2344	1.87	47889	2 5 0		
5.7	242.33	2497	1.88	41580	AM 1 0 4 0 2 5 0 M _ - _ 1 . 5 4 A	219	90L
4.1	336.97	3472	1.16	42776	3 0 0		
3.7	374.32	3857	1.05	42776	3 5 0		
3.2	430.13	4432	0.92	42776	4 0 0		
3.2	441.09	4545	1.04	41580	4 5 0		
4.7	294.09	3030	2.18	64749	AM 1 3 4 0 2 5 0 M _ - _ 1 . 5 4 A	330	90L
4.2	331.96	3420	1.93	64749	3 0 0		
3.8	368.42	3796	1.79	64632	3 5 0		
3.3	415.86	4285	1.59	64632	4 0 0		
3	463.19	4773	1.4	64749	4 5 0		
2.7	522.83	5387	1.24	64749	5 0 0		
2.4	588.08	6060	1.13	64632	5 6 0		
2.1	654.98	6749	1.02	64632	6 5 0		
1.7	812.79	8375	0.83	64632	7 8 0		
3.5	405.06	3855	3.37	68000	AM1442400 M - 1.5A--	430	90L
3.1	459.33	4371	2.97	68000	AM1442450 M - 1.5A--	430	90L
2.8	506.63	4821	2.70	68000	AM1442500 M - 1.5A--	430	90L
2.2	656.00	6243	2.08	68000	AM1442650 M - 1.5A--	430	90L
1.9	754.34	7179	1.81	68000	AM1442730 M - 1.5A--	430	90L
1.7	852.89	8117	1.60	68000	AM1442860 M - 1.5A--	430	90L
1.4	997.48	9493	1.37	68000	AM144210C M - 1.5A--	430	90L
1.2	1156.4	11006	1.18	68000	AM144211C M - 1.5A--	430	90L
1.1	1291.5	12291	1.06	68000	AM144213C M - 1.5A--	430	90L

SELECTION TABLES - GEARED MOTORS

1.5 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
660	1.44	21	1.57	1530	AM 0 3 2 0 1 . 4 M - 1 . 5 6 A	31.2	100L
488	1.95	29	1.29	1560	1 . 8		
429	2.21	33	1.15	1580	2 . 2		
379	2.51	37	1.08	1600	2 . 5		
323	2.95	44	1.63	1660	2 . 8		
296	3.21	48	0.88	1630	3 . 2		
275	3.45	52	0.84	1630	3 . 6		
239	3.98	59	1.29	1700	4 . 0		
210	4.53	68	1.13	1710	4 . 5		
188	5.07	76	1.02	1710	5 . 0		
165	5.76	86	0.9	1710	5 . 6		
653	1.45	21	2.98	2407	AM 0 4 2 0 1 . 4 M - 1 . 5 6 A	34.2	100L
466	2.04	30	2.8	2490	1 . 8		
423	2.25	33	2.61	2507	2 . 2		
372	2.55	38	2.33	2559	2 . 5		
337	2.82	42	2.74	2619	2 . 8		
293	3.24	48	1.89	2646	3 . 2		
258	3.68	55	1.74	2685	3 . 6		
241	3.95	59	2.26	2747	4 . 0		
218	4.35	65	2.1	2779	4 . 5		
189	5.03	75	1.93	2832	5 . 0		
171	5.55	83	1.79	2857	5 . 6		
151	6.28	94	1.6	2884	6 . 3		
133	7.13	107	1.45	2924	7 . 1		
119	8	120	1.36	3007	8 . 0		
105	9.09	137	1.23	3086	9 . 0		
98	9.7	146	1.15	3112	10 .		
86	11.03	166	1.06	3178	11 .		
77	12.37	186	0.98	3250	12 .		
68	14.05	211	0.88	2950	14 .		
258	3.68	55	3.83	4910	AM 0 6 2 0 3 . 6 M - 1 . 5 6 A	47.2	100L
188	5.04	75	3.8	5230	5 . 0		
168	5.65	85	3.56	5330	5 . 6		
150	6.32	95	3.15	5420	6 . 3		
133	7.16	107	2.86	5520	7 . 1		
118	8.05	121	2.72	5640	8 . 0		
104	9.13	137	2.46	5790	9 . 0		
97	9.83	148	1.95	5622	10 .		
83	11.44	172	1.75	5634	11 .		
76	12.54	189	1.95	5754	12 .		
65	14.58	219	1.74	6353	14 .		
59	16.16	243	1.35	6141	16 .		
55	17.25	260	1.28	6084	18 .		
46	20.61	310	1.3	6746	20 .		
43	22	331	1.22	6519	22 .		
38	25.25	380	0.93	6785	25 .		
34	27.65	416	0.86	6195	28 .		
30	32.19	485	0.84	5422	32 .		
76	12.48	188	3.96	8435	AM 0 7 2 0 1 2 . M - 1 . 5 6 A	65.2	100L
66	14.34	216	3.45	8615	14 .		
59	16.09	242	3.07	8601	16 .		
52	18.2	274	2.72	9270	18 .		
46	20.54	309	2.41	9532	20 .		
41	23.23	350	2.14	9529	22 .		
38	25.16	379	1.97	9991	25 .		
34	27.56	415	1.8	9793	28 .		
30	32.12	484	1.55	9361	32 .		
27	35.17	530	1.42	9837	36 .		
24	39.24	591	1.25	9360	40 .		
22	42.98	648	1.15	8701	45 .		
20	48.56	732	0.89	8991	50 .		
16	59.34	894	0.84	9380	63 .		
27	35.49	535	1.41	10275	AM 0 7 3 0 3 6 . M - 1 . 5 6 A	76.2	100L
23	41.28	622	1.21	9929	40 .		
21	45.3	683	1.11	9595	45 .		
18	52.69	794	0.95	8188	50 .		
16	58.34	879	0.86	6561	56 .		
15	62.29	939	0.8	5790	63 .		
52	18.44	278	3.98	22936	AM 0 8 2 0 1 8 . M - 1 . 5 6 A	92.2	100L
42	22.89	345	3.98	23443	22 .		
36	26.07	393	3.17	23156	25 .		
33	28.64	431	2.75	22933	28 .		
29	32.35	487	2.98	22919	32 .		
27	35.54	535	2.71	23570	36 .		
23	40.82	615	2.22	23129	40 .		
21	44.84	676	2.03	23914	45 .		
20	47.56	717	2.03	23418	50 .		
17	54.76	825	1.77	22565	56 .		
16	60	904	1.52	23695	63 .		
14	69.09	1041	1.32	22610	71 .		

SELECTION TABLES - GEARED MOTORS

1.5 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
16	59.07	890	1.64	23796	AM 0 8 3 0 5 6 . M - 1 . 5 6 A	97.2	100L4
14	66.68	1005	1.45	23681	6 3 .		
13	73.3	1105	1.33	23681	7 1 .		
11	82.74	1247	1.18	22990	8 0 .		
10	94.26	1421	1.03	20703	9 0 .		
9.2	103.54	1561	0.94	19336	1 0 0		
8.1	116.97	1763	0.84	22900	1 1 2		
21	44.44	670	3.81	29600	AM 0 9 2 0 4 5 . M - 1 . 5 6 A	138.2	100L4
19	49.07	739	3.89	29600	5 0 .		
17	55.18	831	2.42	29600	5 6 .		
16	61.13	921	2.78	29500	6 3 .		
14	68.74	1036	2.42	29400	7 1 .		
16	59.85	902	3.05	29454	AM 0 9 3 0 5 6 . M - 1 . 5 6 A	148.2	100L4
14	66.49	1002	2.74	29396	6 3 .		
13	74.26	1119	2.66	29396	7 1 .		
12	82.51	1244	2.39	29296	8 0 .		
10	93.92	1416	1.95	29181	9 0 .		
9.2	103.68	1563	1.76	29124	1 0 0		
8.2	116.55	1757	1.7	29024	1 1 2		
7.4	128.66	1939	1.54	28966	1 2 5		
6.5	145.2	2189	1.18	28851	1 4 0		
5.9	160.29	2416	1.07	28693	1 6 0		
5.4	177	2668	1.12	27369	1 8 0		
4.8	199.03	3000	1	25139	2 0 0		
14	66.93	1009	3.9	49761	AM 1 0 3 0 6 3 . M - 1 . 5 6 A	203.2	100L4
12	79.08	1192	3.87	49510	8 0 .		
10	95.44	1439	2.74	48695	9 0 .		
8.6	109.97	1658	2.38	47447	1 0 0		
8.4	112.77	1700	2.71	48691	1 1 2		
7.3	129.94	1959	2.36	48088	1 2 5		
7	135.88	2048	2.13	48217	1 4 0		
6.1	156.57	2360	1.85	47714	1 6 0		
5.4	175.74	2649	1.75	47184	1 8 0		
5	188.81	2846	1.63	46037	2 0 0		
4.5	211.75	3192	1.39	46497	2 2 5		
4.2	227.5	3430	1.3	46104	2 5 0		
3.9	242.33	3653	1.28	41580	AM 1 0 4 0 2 5 0 . M - 1 . 5 6 A	231.2	100L4
8.4	113.69	1714	3.91	66900	AM 1 1 3 3 0 1 1 2 M - 1 . 5 6 A	292.2	100L4
7.5	126.62	1909	3.51	66800	1 2 5		
6.8	139.07	2096	3.26	66700	1 4 0		
6.1	154.89	2335	2.93	66700	1 6 0		
5.5	173.37	2614	2.56	66600	1 8 0		
5.2	184.46	2781	2.4	66500	2 0 0		
4.5	212.09	3197	2.13	66400	2 2 5		
4.2	225.65	3402	2.01	66400	2 5 0		
3.2	294.09	4434	1.49	64749	AM 1 1 3 4 0 2 5 0 M - 1 . 5 6 A	336.2	100L4
2.9	331.96	5005	1.32	64749	3 0 0		
2.6	368.42	5554	1.22	64632	3 5 0		
2.3	415.86	6270	1.08	64632	4 0 0		
2.1	463.19	6983	0.95	64749	4 5 0		
1.8	522.83	7883	0.84	64749	5 0 0		
4.6	208.15	3138	3.7	80900	AM 1 1 4 3 0 2 0 0 M - 1 . 5 6 A	415.2	100L4
4.5	211.96	3195	3.34	80900	2 2 5		
4	237.77	3585	2.99	80900	2 5 0		
3.9	244.15	3535	3.68	68000	AM1442250 M - 1.5C--	430	100L
3.4	276.86	4008	3.24	68000	AM1442280 M - 1.5C--	430	100L
2.8	337.68	4889	2.66	68000	AM1442300 M - 1.5C--	430	100L
2.7	352.51	5103	2.55	68000	AM1442360 M - 1.5C--	430	100L
2.3	405.06	5864	2.22	68000	AM1442400 M - 1.5C--	430	100L
2.0	459.33	6650	1.95	68000	AM1442450 M - 1.5C--	430	100L
1.9	506.63	7335	1.77	68000	AM1442500 M - 1.5C--	430	100L
1.4	656.00	9497	1.37	68000	AM1442650 M - 1.5C--	430	100L
1.2	754.34	10921	1.19	68000	AM1442730 M - 1.5C--	430	100L
1.1	852.89	12348	1.05	68000	AM1442860 M - 1.5C--	430	100L
0.70	1337.5	19365	1.07	98000	AM164213C M - 1.5C--	809	100L
0.62	1504.0	21775	0.95	98000	AM164215C M - 1.5C--	809	100L

SELECTION TABLES - GEARED MOTORS

2.2 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
970	1.45	21	2.64	2113	AM 0 4 2 0 1 . 4 _ M _ _ _ 2 . 2 4 A _	34	100L
691	2.04	30	2.53	2335	1 . 8		
627	2.25	33	2.48	2351	2 . 2		
553	2.55	38	2.31	2376	2 . 5		
501	2.82	41	2.42	2426	2 . 8		
435	3.24	48	1.92	2419	3 . 2		
383	3.68	54	1.76	2445	3 . 6		
357	3.95	58	2.02	2499	4 . 0		
324	4.35	64	1.91	2530	4 . 5		
280	5.03	74	1.73	2576	5 . 0		
254	5.55	82	1.64	2598	5 . 6		
225	6.28	93	1.52	2623	6 . 3		
198	7.13	106	1.37	2646	7 . 1		
176	8	119	1.29	2665	8 . 0		
155	9.09	135	1.16	2681	9 . 0		
145	9.7	144	1.07	2671	1 0 .		
128	11.03	164	0.98	2690	1 1 .		
114	12.37	184	0.91	2750	1 2 .		
100	14.05	209	0.83	2790	1 4 .		
434	3.25	48	3.89	4460	AM 0 6 2 0 3 . 2 M - 2 . 2 4 A	47	100L
383	3.68	54	3.65	4530	3 . 6		
357	3.95	58	3.87	4600	4 . 0		
318	4.43	66	3.63	4670	4 . 5		
280	5.04	75	3.36	4780	5 . 0		
250	5.65	84	3.15	4870	5 . 6		
223	6.32	94	2.97	4950	6 . 3		
197	7.16	106	2.72	5040	7 . 1		
175	8.05	119	2.56	5140	8 . 0		
154	9.13	136	2.34	5240	9 . 0		
143	9.83	146	1.72	5268	1 0 .		
123	11.44	170	1.55	5363	1 1 .		
112	12.54	186	1.72	5448	1 2 .		
97	14.58	217	1.55	5634	1 4 .		
87	16.16	240	1.19	5742	1 6 .		
82	17.25	257	1.13	5823	1 8 .		
68	20.61	307	1.19	6095	2 0 .		
64	22	327	1.13	6180	2 2 .		
56	25.25	376	0.82	6300	2 5 .		
44	32.19	479	0.82	6630	3 2 .		
113	12.48	185	3.89	7481	AM 0 7 2 0 1 2 . M - 2 . 2 4 A	65	100L
98	14.34	213	3.48	7641	1 4 .		
88	16.09	239	3.07	7848	1 6 .		
77	18.2	271	2.75	8110	1 8 .		
69	20.54	306	2.44	8416	2 0 .		
61	23.23	346	2.16	8690	2 2 .		
56	25.16	374	2	8818	2 5 .		
51	27.56	410	1.83	9021	2 8 .		
44	32.12	478	1.57	9400	3 2 .		
40	35.17	524	1.43	9608	3 6 .		
36	39.24	584	1.11	9901	4 0 .		
33	42.98	640	1.03	10100	4 5 .		
40	35.49	528	1.43	9588	AM 0 7 3 0 3 6 . M - 2 . 2 4 A	76	100L
34	41.28	615	1.23	9897	4 0 .		
31	45.3	675	1.12	9991	4 5 .		
27	52.69	785	0.96	9670	5 0 .		
24	58.34	869	0.87	9310	5 6 .		
23	62.29	928	0.81	9030	6 3 .		
54	26.07	388	3.17	22346	AM 0 8 2 0 2 5 . M - 2 . 2 4 A	92	100L
49	28.64	426	2.78	22785	2 8 .		
44	32.35	482	3.01	22833	3 2 .		
40	35.54	529	2.74	23700	3 6 .		
35	40.82	608	2.25	23800	4 0 .		
31	44.84	668	2.06	24017	4 5 .		
30	47.56	708	2.05	23965	5 0 .		
26	54.76	815	1.79	23869	5 6 .		
24	60	893	1.53	23828	6 3 .		
20	69.09	1029	1.34	23761	7 1 .		
24	59.07	980	1.66	23821	AM 0 8 3 0 5 6 . M - _ _ _ 2 . 2 4 A _	97	100L
21	66.68	993	1.47	23761	6 3 .		
19	73.3	1092	1.35	23693	7 1 .		
17	82.74	1232	1.19	23626	8 0 .		
15	94.26	1404	1.04	23400	9 0 .		
14	103.54	1542	0.95	23300	1 0 0		
32	44.44	662	3.85	29600	AM 0 9 2 0 4 5 . M - 2 . 2 4 A	138	100L
29	49.07	731	3.43	29600	5 0 .		
26	55.18	822	2.52	29600	5 6 .		
23	61.13	910	2.81	29500	6 3 .		
21	68.74	1024	2.5	29500	7 1 .		

SELECTION TABLES - GEARED MOTORS

2.2 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
24	59.85	891	3.02	29517	AM 0 9 3 0 5 6 . _ M _ _ 2 . 2 4 A _	148	100L
21	66.49	990	2.78	29417	6 3 .		
19	74.26	1106	2.7	29369	7 1 .		
17	82.51	1229	2.43	29321	8 0 .		
15	93.92	1399	1.97	29226	9 0 .		
14	103.68	1544	1.79	29130	1 0 0		
12	116.55	1736	1.72	29130	1 1 2		
11	128.66	1917	1.56	29026	1 2 5		
10	145.2	2163	1.2	28824	1 4 0		
8.8	160.29	2388	1.09	28700	1 6 0		
8	177	2637	1.14	28600	1 8 0		
7.1	199.03	2965	1.01	28500	2 0 0		
21	66.93	997	3.96	49631	AM 1 0 3 0 6 3 . M - 2 . 2 4 A	203	100L
18	79.08	1178	3.92	49470	8 0 .		
15	95.44	1422	2.77	49114	9 0 .		
13	109.97	1638	2.41	48753	1 0 0		
13	112.77	1680	2.75	48766	1 1 2		
11	129.94	1936	2.39	48366	1 2 5		
10	135.88	2024	2.16	48304	1 4 0		
9	156.57	2332	1.88	47869	1 6 0		
8	175.74	2618	1.77	47339	1 8 0		
7.5	188.81	2813	1.65	47047	2 0 0		
6.7	211.75	3154	1.39	46630	2 2 5		
6.2	227.5	3389	1.3	46261	2 5 0		
5.8	242.33	3610	1.3	41580	AM 1 0 4 0 2 5 0 M - 2 . 2 4 A	231	100L
4.2	336.97	5020	0.8	42776	3 0 0		
12	113.69	1693	3.96	66900	AM 1 3 3 0 1 1 2 M - 2 . 2 4 A	292	100L
11	126.62	1886	3.55	66800	1 2 5		
10	139.07	2072	3.3	66700	1 4 0		
9.1	154.89	2307	2.97	66700	1 6 0		
8.1	173.37	2583	2.59	66600	1 8 0		
7.6	184.46	2748	2.43	66600	2 0 0		
6.6	212.09	3160	2.16	66400	2 2 5		
6.2	225.65	3362	2.03	66400	2 5 0		
4.8	294.09	4381	1.51	64749	M 1 3 4 0 2 5 0 _ M _ _ 2 . 2 4 A _	336	100L
4.2	331.96	4946	1.33	64749	3 0 0		
3.8	368.42	5489	1.24	64632	3 5 0		
3.4	415.86	6196	1.1	64632	4 0 0		
3	463.19	6901	0.97	64749	4 5 0		
2.7	522.83	7790	0.86	64749	5 0 0		
5.9	244.15	3361	3.87	68000	AM1442250 M - 2.2A--	442	100L
5.2	276.86	3811	3.41	68000	AM1442280 M - 2.2A--	442	100L
4.3	337.68	4648	2.80	68000	AM1442300 M - 2.2A--	442	100L
4.1	352.51	4852	2.68	68000	AM1442360 M - 2.2A--	442	100L
3.6	405.06	5576	2.33	68000	AM1442400 M - 2.2A--	442	100L
3.2	459.33	6323	2.06	68000	AM1442450 M - 2.2A--	442	100L
2.9	506.63	6974	1.86	68000	AM1442500 M - 2.2A--	442	100L
2.2	656.00	9030	1.44	68000	AM1442650 M - 2.2A--	442	100L
1.9	754.34	10384	1.25	68000	AM1442730 M - 2.2A--	442	100L
1.7	852.89	11740	1.11	68000	AM1442860 M - 2.2A--	442	100L
1.5	997.50	13731	0.95	68000	AM144210C M - 2.2A--	442	100L
1.1	1337.5	18412	1.12	98000	AM164213C M - 2.2A--	809	100L
0.96	1504.0	20704	1.00	98000	AM164215C M - 2.2A--	809	100L

SELECTION TABLES - GEARED MOTORS

2.2 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
650	1.45	32	2.02	2350	AM 0 4 2 0 1 . 4 _ M _ _ . 2 . 2 6 A _	41.8	112M
463	2.04	45	1.9	2410	1 . 8		
420	2.25	49	1.77	2420	2 . 2		
370	2.55	56	1.58	2460	2 . 5		
336	2.82	62	1.86	2520	2 . 8		
292	3.24	72	1.28	2520	3 . 2		
257	3.68	81	1.18	2540	3 . 6		
239	3.95	87	1.53	2610	4 . 0		
217	4.35	96	1.42	2630	4 . 5		
188	5.03	111	1.31	2660	5 . 0		
170	5.55	123	1.22	2670	5 . 6		
151	6.28	139	1.08	2670	6 . 3		
133	7.13	158	0.98	2680	7 . 1		
118	8	177	0.92	2740	8 . 0		
104	9.09	202	0.84	2780	9 . 0		
654	1.45	32	3.62	4152	M 0 6 2 0 1 . 4 M - . 2 . 2 6 A	54.8	112M
465	2.03	45	3.44	4435	1 . 8		
415	2.28	50	3.34	4496	2 . 2		
370	2.56	56	3.02	4547	2 . 5		
336	2.81	62	3.54	4634	2 . 8		
291	3.25	72	2.8	4696	3 . 2		
257	3.68	81	2.6	4791	3 . 6		
239	3.95	87	2.97	4903	4 . 0		
213	4.43	98	2.79	4989	4 . 5		
188	5.04	112	2.58	5098	5 . 0		
167	5.65	125	2.42	5183	5 . 6		
150	6.32	140	2.14	5248	6 . 3		
132	7.16	159	1.94	5327	7 . 1		
117	8.05	179	1.84	5430	8 . 0		
104	9.13	202	1.67	5494	9 . 0		
96	9.83	218	1.32	5223	10 .		
83	11.44	254	1.19	5073	11 .		
75	12.54	278	1.32	5148	12 .		
65	14.58	324	1.18	5874	14 .		
58	16.16	359	0.91	5427	16 .		
55	17.25	383	0.87	5260	18 .		
46	20.61	458	0.88	6025	20 .		
43	22	489	0.83	5591	22 .		
650	1.45	32	3.87	5432	AM 0 7 2 0 1 . 4 M - . 2 . 2 6 A	72.8	112M
470	2.01	44	3.87	5948	1 . 8		
418	2.26	50	3.87	6041	2 . 2		
380	2.49	55	3.87	6115	2 . 5		
328	2.88	64	3.87	6267	2 . 8		
291	3.25	72	3.87	6316	3 . 2		
256	3.69	82	3.87	6464	3 . 6		
237	3.99	88	3.87	6603	4 . 0		
21	14.48	99	3.87	6743	4 . 5		
186	5.09	113	3.87	6914	5 . 0		
165	5.72	127	3.87	7052	5 . 6		
147	6.44	143	3.87	7170	6 . 3		
129	7.32	162	3.87	7275	7 . 1		
115	8.22	182	3.87	7406	8 . 0		
101	9.34	207	3.49	7476	9 . 0		
97	9.78	217	3.19	7163	10 .		
84	11.24	249	2.94	7223	11 .		
76	12.48	277	2.69	8153	12 .		
66	14.34	318	2.34	8191	14 .		
59	16.09	357	2.09	7958	16 .		
52	18.2	404	1.84	8819	18 .		
46	20.54	456	1.64	8994	20 .		
41	23.23	516	1.45	8681	22 .		
38	25.16	559	1.34	9305	25 .		
34	27.56	612	1.22	8798	28 .		
29	32.12	714	1.05	8036	32 .		
27	35.17	781	0.96	8807	36 .		
24	39.24	872	0.85	8034	40 .		
58	16.34	363	3.11	21452	AM 0 8 2 0 1 6 . M - . 2 . 2 6 A	99.8	112M
51	18.44	409	2.7	22005	18 .		
47	20.27	450	3.11	22189	20 .		
41	22.89	508	2.7	22738	22 .		
36	26.07	579	2.15	22239	25 .		
33	28.64	636	1.87	21925	28 .		
29	32.35	719	2.02	21902	32 .		
27	35.54	790	1.84	23033	36 .		
23	40.82	907	1.51	22266	40 .		
21	44.84	996	1.37	23630	45 .		
20	47.56	1057	1.37	22769	50 .		
17	54.76	1217	1.2	21286	56 .		
16	60	1333	1.03	23324	63 .		
14	69.09	1535	0.89	21438	71 .		

SELECTION TABLES - GEARED MOTORS

2.2 KW – 6 Pole

A	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
16	59.07	1313	1.11	23500	AM 0 8 3 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	104.8	112M
14	66.68	1482	0.98	23300	6 3 .		
13	73.3	1629	0.9	23330	7 1 .		
11	82.74	1839	0.8	22100	8 0 .		
29	32.31	718	3.82	29361	AM 0 9 2 0 3 2 . M - 2 . 2 6 A	145.8	112M
26	35.67	792	3.49	29272	3 6 .		
23	40.25	894	2.85	29110	4 0 .		
21	44.44	987	2.58	29436	4 5 .		
19	49.07	1090	2.64	29320	5 0 .		
17	55.18	1226	1.64	28888	5 6 .		
15	61.13	1359	1.88	28450	6 3 .		
14	68.74	1528	1.64	28997	7 1 .		
16	59.85	1330	2.07	29200	AM 0 9 3 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	155.8	112M
14	66.49	1478	1.86	29100	6 3 .		
13	74.26	1650	1.8	29100	7 1 .		
11	82.51	1834	1.62	29000	8 0 .		
10	93.92	207	1.32	28800	9 0 .		
9.1	103.68	2304	1.19	28700	1 0 0		
8.1	116.55	2590	1.15	28600	1 1 2		
7.3	128.66	2860	1.04	28500	1 2 5		
6.5	145.2	3227	0.8	28300	1 4 0		
18	51.49	1144	3.51	49500	AM 1 0 2 0 5 6 . _ M _ - _ _ 2 . 2 6 A _	191.8	112M
16	57.75	1283	3.36	49400	6 3 .		
15	62.05	1379	3.14	49200	7 1 .		
16	60.23	1338	2.94	49185	AM 1 0 3 0 5 6 . M - 2 . 2 6 A	210.8	112M
14	66.93	1487	2.64	48995	6 3 .		
13	71.17	1582	2.91	48924	7 1 .		
12	79.08	1758	2.62	48634	8 0 .		
10	95.44	2121	1.86	47366	9 0 .		
8.6	109.97	2444	1.61	45271	1 0 0		
8.4	112.77	2507	1.84	47433	1 1 2		
7.3	129.94	2888	1.6	46533	1 2 5		
7	135.88	3020	1.45	46756	1 4 0		
6	156.57	3480	1.26	46030	1 6 0		
5.4	175.74	3906	1.19	45256	1 8 0		
5	188.81	4197	1.11	43339	2 0 0		
4.5	211.75	4707	0.94	44212	2 2 5		
4.2	227.5	5057	0.88	43675	2 5 0		
3.9	242.33	5387	0.87	41580	AM 1 0 4 0 2 5 0 M - 2 . 2 6 A	238.8	112M
12	80.39	1787	3.73	66830	AM 1 3 3 0 8 0 . M - 2 . 2 6 A	299.8	112M
10	90.75	2017	3.23	66808	9 0 .		
9.3	101.07	2246	2.9	66686	1 0 0		
8.3	113.69	2527	2.65	66655	1 1 2		
7.5	126.62	2814	2.38	66531	1 2 5		
6.8	139.07	3091	2.21	66420	1 4 0		
6.1	154.89	3443	1.99	66385	1 6 0		
5.5	173.37	3854	1.74	66232	1 8 0		
5.1	184.46	4100	1.63	66115	2 0 0		
4.5	212.09	4714	1.45	65980	2 2 5		
4.2	225.65	5016	1.36	65924	2 5 0		
3.2	294.09	6537	1.01	64749	AM 1 3 4 0 2 5 0 - M - 2 . 2 6 A	343.8	112M
2.8	331.96	7379	0.89	64749	3 0 0		
2.6	368.42	8190	0.83	64632	3 5 0		
5.9	158.58	3438	3.78	68000	AM1432160 M - 2.2C--	405	112M
5.1	184.83	4007	3.32	68000	AM1432180 M - 2.2C--	405	112M
4.7	198.58	4305	3.09	68000	AM1432200 M - 2.2C--	405	112M
4.1	228.38	4849	2.68	68000	AM1442225 M - 2.2C--	448	112M
3.9	244.15	5184	2.51	68000	AM1442250 M - 2.2C--	448	112M
3.4	276.86	5879	2.21	68000	AM1442280 M - 2.2C--	448	112M
2.8	337.68	7170	1.81	68000	AM1442300 M - 2.2C--	448	112M
2.7	352.51	7485	1.74	68000	AM1442360 M - 2.2C--	448	112M
2.3	405.06	8601	1.51	68000	AM1442400 M - 2.2C--	448	112M
2.0	459.33	9753	1.33	68000	AM1442450 M - 2.2C--	448	112M
1.9	506.63	10758	1.21	68000	AM1442500 M - 2.2C--	448	112
1.4	656.00	13929	0.93	68000	AM1442650 M - 2.2C--	448	112
1.2	754.34	16017	0.81	68000	AM1442730 M - 2.2C--	448	112

SELECTION TABLES - GEARED MOTORS

3 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	Motor Frame Size
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	
977	1.45	29	1.95	2072	AM 0 4 2 0 1 . 4 M - - 3 . 0 4 A	37.8	112M
696	2.04	41	1.87	2275	1 . 8		
632	2.25	45	1.83	2284	2 . 2		
556	2.55	51	1.71	2302	2 . 5		
504	2.82	56	1.79	2352	2 . 8		
438	3.24	65	1.42	2321	3 . 2		
386	3.68	74	1.3	2336	3 . 6		
360	3.95	79	1.49	2397	4 . 0		
326	4.35	87	1.41	2419	4 . 5		
282	5.03	101	1.28	2449	5 . 0		
256	5.55	111	1.21	2456	5 . 6		
226	6.28	126	1.12	2460	6 . 3		
199	7.13	143	1.01	2460	7 . 1		
178	8	161	0.95	2460	8 . 0		
156	9.09	183	0.86	2450	9 . 0		
982	1.45	29	3.49	3615	AM 0 6 2 0 1 . 4 M - - 3 . 0 4 A	50.8	112M
699	2.03	41	3.3	4010	1 . 8		
623	2.28	45	3.22	4154	2 . 2		
555	2.56	51	3.11	4278	2 . 5		
505	2.81	56	3.39	4362	2 . 8		
437	3.25	65	2.87	4381	3 . 2		
386	3.68	74	2.69	4439	3 . 6		
359	3.95	79	2.86	4520	4 . 0		
321	4.43	89	2.68	4579	4 . 5		
282	5.04	101	2.48	4681	5 . 0		
251	5.65	113	2.33	4759	5 . 6		
225	6.32	127	2.19	4820	6 . 3		
198	7.16	144	2.01	4893	7 . 1		
176	8.05	162	1.89	4981	8 . 0		
156	9.13	184	1.73	5018	9 . 0		
144	9.83	198	1.27	5067	10 .		
124	11.44	230	1.14	5129	11 .		
113	12.54	252	1.27	5201	12 .		
97	14.58	294	1.14	5348	14 .		
88	16.16	326	0.88	5412	16 .		
82	17.25	348	0.83	5470	18 .		
69	20.61	415	0.88	5690	20 .		
65	22	443	0.83	5750	22 .		
173	8.22	165	3.85	6820	AM 0 7 2 0 8 . 0 M - - 3 . 0 4 A	68.8	112M
152	9.34	188	3.56	6893	9 . 0		
145	9.78	197	3.33	7020	10 .		
126	11.24	226	3	6980	11 .		
114	12.48	251	2.87	7287	12 .		
99	14.34	289	2.57	7419	14 .		
88	16.09	324	2.27	7586	16 .		
78	18.2	367	2.03	7814	18 .		
69	20.54	414	1.81	8099	20 .		
61	23.23	468	1.6	8331	22 .		
56	25.16	507	1.48	8410	25 .		
52	27.56	555	1.35	8576	28 .		
44	32.12	647	1.16	8915	32 .		
40	35.17	709	1.06	9080	36 .		
36	39.24	791	0.82	9320	40 .		
40	35.49	716	1.05	9010	AM 0 7 3 0 3 6 . M - - 3 . 0 4 A	79.8	112M
34	41.28	832	0.91	9240	40 .		
31	45.3	913	0.83	9290	45 .		
87	16.34	329	3.43	19069	AM 0 8 2 0 1 6 . M - - 3 . 0 4 A	95.8	112M
77	18.44	372	2.98	19465	18 .		
70	20.27	409	3.43	19994	20 .		
62	22.89	461	2.98	21430	22 .		
54	26.07	525	2.34	21690	25 .		
50	28.64	577	2.06	22002	28 .		
44	32.35	652	2.22	22073	32 .		
40	35.54	716	2.02	23360	36 .		
35	40.82	823	1.66	23509	40 .		
32	44.84	904	1.52	23831	45 .		
30	47.56	959	1.51	23802	50 .		
26	54.76	1104	1.32	23660	56 .		
24	60	1210	1.13	23600	63 .		
21	69.09	1393	0.99	23500	71 .		
24	59.07	1191	1.23	23589	AM 0 8 3 0 5 6 . M - - 3 . 0 4 A	100.8	112M
21	66.68	1345	1.09	23500	63 .		
19	73.3	1478	1	23400	71 .		
17	82.74	1669	0.88	23300	80 .		

SELECTION TABLES - GEARED MOTORS

3 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	Motor Frame Size
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	
44	32.31	651	3.66	29427	AM 0 9 2 0 3 2 . M - 3 . 0 4 A	141.8	112M
40	35.67	719	3.36	29481	3 6 .		
35	40.25	812	3.14	29481	4 0 .		
32	44.44	896	2.84	29479	4 5 .		
29	49.07	989	2.53	29464	5 0 .		
26	55.18	1113	1.86	29449	5 6 .		
23	61.13	1233	2.07	29318	6 3 .		
21	68.74	1386	1.85	29281	7 1 .		
24	59.85	1207	2.23	29331	AM 0 9 3 0 5 6 . M - 3 . 0 4 A	151.8	112M
21	66.49	1341	2.05	29231	6 3 .		
19	74.26	1498	1.99	29160	7 1 .		
17	82.51	1664	1.79	29089	8 0 .		
15	93.92	1894	1.46	28947	9 0 .		
14	103.68	2091	1.32	28805	1 0 0		
12	116.55	2351	1.27	28805	1 1 2		
11	128.66	2595	1.15	28700	1 2 5		
10	145.2	2929	0.88	28400	1 4 0		
28	51.49	1038	3.85	46663	AM 1 0 2 0 5 6 . M - 3 . 0 4 A	187.8	112M
25	57.75	1165	3.72	48327	6 3 .		
23	62.05	1251	3.46	49390	7 1 .		
24	60.23	1215	3.24	48905	AM 1 0 3 0 5 6 . M - 3 . 0 4 A	206.8	112M
21	66.93	1350	2.92	49065	6 3 .		
20	71.17	1435	3.22	49037	7 1 .		
18	79.08	1595	2.9	48825	8 0 .		
15	95.44	1925	2.05	48297	9 0 .		
13	109.97	2218	1.78	47809	1 0 0		
13	112.77	2275	2.03	47829	1 1 2		
11	129.94	2621	1.76	47283	1 2 5		
10	135.88	2741	1.6	47191	1 4 0		
9.1	156.57	3158	1.39	46594	1 6 0		
8.1	175.74	3545	1.31	45855	1 8 0		
7.5	188.81	3809	1.22	45471	2 0 0		
6.7	211.75	4271	1.03	44900	2 2 5		
6.2	227.5	4589	0.96	44400	2 5 0		
5.9	242.33	4888	0.96	41580	AM 1 0 4 0 2 5 0 M - 3 . 0 4 A	234.8	112M
16	90.75	1830	3.56	66854	AM 1 3 3 0 9 0 . M - 3 . 0 4 A	295.8	112M
14	101.07	2039	3.2	66745	1 0 0		
12	113.69	2293	2.92	66718	1 1 2		
11	126.62	2554	2.62	66588	1 2 5		
10	139.07	2805	2.44	66488	1 4 0		
9.2	154.89	3124	2.19	66457	1 6 0		
8.2	173.37	3497	1.91	66309	1 8 0		
7.7	184.46	3721	1.8	66284	2 0 0		
6.7	212.09	4278	1.6	66088	2 2 5		
6.3	225.65	4552	1.5	66044	2 5 0		
4.8	294.09	5933	1.11	64749	AM 1 3 4 0 2 5 0 M - 3 . 0 4 A	339.8	112M
4.3	331.96	6697	0.99	64749	3 0 0		
3.9	368.42	7432	0.91	64632	3 5 0		
3.4	415.86	8389	0.81	64632	4 0 0		
7.8	184.83	3542	3.67	68000	AM1432180 M - 3.0A--	399	100L
7.3	198.58	3806	3.42	68000	AM1432200 M - 3.0A--	399	100L
6.3	228.38	4287	3.03	68000	AM1442225 M - 3.0A--	442	100L
5.9	244.15	4583	2.84	68000	AM1442250 M - 3.0A--	442	100L
5.2	276.86	5197	2.50	68000	AM1442280 M - 3.0A--	442	100L
4.3	337.68	6338	2.05	68000	AM1442300 M - 3.0A--	442	100L
4.1	352.51	6617	1.96	68000	AM1442360 M - 3.0A--	442	100L
3.6	405.06	7603	1.71	68000	AM1442400 M - 3.0A--	442	100L
3.2	459.33	8622	1.51	68000	AM1442450 M - 3.0A--	442	100L
2.9	506.63	9510	1.37	68000	AM1442500 M - 3.0A--	442	100L
2.2	656.00	12314	1.06	68000	AM1442650 M - 3.0A--	442	100L
1.9	754.34	14159	0.92	68000	AM1442730 M - 3.0A--	442	100L
1.7	852.89	16009	0.81	68000	AM1442860 M - 3.0A--	442	100L

SELECTION TABLES - GEARED MOTORS

3 KW – 6 Pole

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

[illegible]

SELECTION TABLES - GEARED MOTORS

3.7 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
980	1.45	35	1.59	2020	AM 0 4 2 0 1 . 4 _ _ _ 3 . 7 4 A _	44	112M
699	2.04	50	1.52	2200	1 . 8		
634	2.25	56	1.49	2200	2 . 2		
558	2.55	63	1.38	2210	2 . 5		
506	2.82	69	1.46	2260	2 . 8		
440	3.24	80	1.16	2200	3 . 2		
387	3.68	91	1.06	2200	3 . 6		
361	3.95	97	1.21	2270	4 . 0		
327	4.35	107	1.15	2280	4 . 5		
283	5.03	124	1.04	2290	5 . 0		
257	5.55	137	0.98	2280	5 . 6		
986	1.45	35	2.84	3571	AM 0 6 2 0 1 . 4 M - _ _ 3 . 7 4 A	57	112M
701	2.03	50	2.68	3947	1 . 8		
626	2.28	56	2.62	4084	2 . 2		
557	2.56	63	2.53	4200	2 . 5		
507	2.81	69	2.77	4290	2 . 8		
439	3.25	80	2.34	4283	3 . 2		
387	3.68	91	2.19	4326	3 . 6		
360	3.95	97	2.32	4420	4 . 0		
322	4.43	109	2.18	4466	4 . 5		
283	5.04	125	2.02	4559	5 . 0		
252	5.65	140	1.89	4622	5 . 6		
226	6.32	156	1.78	4657	6 . 3		
199	7.16	177	1.63	4710	7 . 1		
177	8.05	199	1.55	4783	8 . 0		
156	9.13	226	1.41	4740	9 . 0		
145	9.83	243	1.04	4816	10 .		
125	11.44	283	0.93	4837	11 .		
114	12.54	311	1.04	4892	12 .		
98	14.58	361	0.93	4990	14 .		
981	1.45	35	3.48	4696	AM 0 7 2 0 1 . 4 M - _ _ 3 . 7 4 A	75	112M
708	2.01	49	3.48	5201	1 . 8		
630	2.26	56	3.48	5390	2 . 2		
573	2.49	61	3.48	5550	2 . 5		
495	2.88	71	3.48	5833	2 . 8		
439	3.25	80	3.48	5857	3 . 2		
386	3.69	91	3.48	5938	3 . 6		
357	3.99	98	3.48	6052	4 . 0		
318	4.48	111	3.48	6125	4 . 5		
280	5.09	126	3.48	6241	5 . 0		
249	5.72	142	3.48	6360	5 . 6		
221	6.44	159	3.48	6453	6 . 3		
195	7.32	181	3.37	6526	7 . 1		
173	8.22	204	3.14	6608	8 . 0		
153	9.34	231	2.9	6584	9 . 0		
146	9.78	242	2.71	6820	10 .		
127	11.24	278	2.44	6683	11 .		
114	12.48	309	2.34	7046	12 .		
99	14.34	355	2.1	7141	14 .		
89	16.09	399	1.85	7258	16 .		
78	18.2	450	1.65	7444	18 .		
69	20.54	509	1.47	7703	20 .		
61	23.23	575	1.3	7882	22 .		
57	25.16	623	1.2	7900	25 .		
52	27.56	683	1.09	8020	28 .		
44	32.12	796	0.94	8310	32 .		
139	10.22	253	3.99	17739	AM 0 8 2 0 1 0 . M - _ _ 3 . 7 4 A	102	112M
120	11.9	294	3.61	18014	11 .		
112	12.68	314	3.99	18314	12 .		
97	14.76	365	3.61	18546	14 .		
87	16.34	404	2.79	18486	16 .		
77	18.44	457	2.42	18756	18 .		
70	20.27	502	2.79	19257	20 .		
62	22.89	567	2.42	20912	22 .		
55	26.07	646	1.9	20870	25 .		
50	28.64	709	1.68	21024	28 .		
44	32.35	802	1.81	21123	32 .		
40	35.54	881	1.64	22936	36 .		
35	40.82	1012	1.35	23145	40 .		
32	44.84	1111	1.23	23600	45 .		
30	47.56	1178	1.23	23600	50 .		
26	54.76	1357	1.07	23400	56 .		
24	59.07	1467	0.99	23300	AM 0 8 3 0 5 6 . M - _ _ 3 . 7 4 A	107	112M

SELECTION TABLES - GEARED MOTORS

3.7 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
55	26.04	645	4.23	27100	AM 0 9 2 0 2 5 . M _ _ _ 3 . 7 4 A _	148	112M
50	28.74	712	3.83	27660	2 8 .		
44	32.31	801	2.97	29086	3 2 .		
40	35.67	884	2.74	29209	3 6 .		
35	40.25	997	2.55	29209	4 0 .		
32	44.44	1102	2.31	29328	4 5 .		
29	49.07	1216	2.05	29294	5 0 .		
26	55.18	1368	1.51	29260	5 6 .		
23	61.13	1515	1.69	29092	6 3 .		
21	68.74	1704	1.5	29009	7 1 .		
24	59.85	1484	1.82	29100	AM 0 9 3 0 5 6 . M - 3 . 7 4 A	158	112M
21	66.49	1648	1.68	29000	6 3 .		
19	74.26	1841	1.62	28900	7 1 .		
17	82.51	2045	1.46	28800	8 0 .		
15	93.92	2328	1.19	28600	9 0 .		
14	103.68	2571	1.07	28400	1 0 0		
12	116.55	2890	1.04	28400	1 1 2		
33	42.7	1058	4.06	43598	AM 1 0 2 0 4 5 . M - - - 3 . 7 4 A	194	112M
30	47.93	1188	3.64	45085	5 0 .		
28	51.49	1277	3.14	46118	5 6 .		
25	57.75	1431	3.03	47736	6 3 .		
23	62.05	1538	2.81	48754	7 1 .		
24	60.23	1493	2.64	48255	AM 1 0 3 0 5 6 . M - 3 . 7 4 A	213	112M
21	66.93	1659	2.38	48356	6 3 .		
20	71.17	1764	2.62	48317	7 1 .		
18	79.08	1960	2.36	48020	8 0 .		
15	95.44	2366	1.66	47275	9 0 .		
13	109.97	2726	1.45	46629	1 0 0		
13	112.77	2795	1.65	46657	1 1 2		
11	129.94	3222	1.44	45930	1 2 5		
10	135.88	3369	1.3	45800	1 4 0		
9.1	156.57	3881	1.12	45000	1 6 0		
8.1	175.74	4357	1.06	44000	1 8 0		
7.5	188.81	4681	0.99	43500	2 0 0		
23	63.29	1569	4.28	66860	AM 1 3 2 0 7 1 . M - 3 . 7 4 A	270	112M
22	64.17	1591	4.06	66860	AM 1 3 3 0 6 3 . M - 3 . 7 4 A	302	112M
20	71.32	1768	3.77	66832	7 1 .		
18	80.39	1992	3.35	66713	8 0 .		
16	90.75	2250	2.9	66672	9 0 .		
14	101.07	2506	2.61	66552	1 0 0		
13	113.69	2818	2.38	66492	1 1 2		
11	126.62	3139	2.14	66324	1 2 5		
10	139.07	3447	1.99	66224	1 4 0		
9.2	154.89	3840	1.78	66154	1 6 0		
8.2	173.37	4298	1.56	65945	1 8 0		
7.7	184.46	4573	1.46	65890	2 0 0		
6.7	212.09	5258	1.3	65700	2 2 5		
6.3	225.65	5594	1.22	65600	2 5 0		
4.8	294.09	7291	0.91	64749	AM 1 3 4 0 2 5 0 M - 3 . 7 4 A	346	112M
11	136.66	3116	4.02	68000	AM1432125 M - 3.7A--	405	112M
9.1	158.58	3766	3.47	68000	AM1432160 M - 3.7A--	405	112M
7.8	184.83	4394	2.97	68000	AM1432180 M - 3.7A--	405	112M
7.3	198.58	4695	2.77	68000	AM1432200 M - 3.7A--	405	112M
6.3	228.38	5328	2.45	68000	AM1442225 M - 3.7A--	448	112M
5.9	244.15	5690	2.30	68000	AM1442250 M - 3.7A--	448	112M
5.2	276.86	6455	2.03	68000	AM1442280 M - 3.7A--	448	112M
4.3	337.68	7807	1.66	68000	AM1442300 M - 3.7A--	448	112M
4.1	352.51	8187	1.59	68000	AM1442360 M - 3.7A--	448	112M
3.6	405.06	9325	1.38	68000	AM1442400 M - 3.7A--	448	112M
3.2	459.33	10490	1.22	68000	AM1442450 M - 3.7A--	448	112M
2.9	506.63	11575	1.11	68000	AM1442500 M - 3.7A--	448	112M
7.4	197.02	4632	3.14	98000	AM1632200 M - 3.7A--	647	112M
11	136.66	3116	4.02	68000	AM1432125 M - 3.7A--	405	112M

SELECTION TABLES - GEARED MOTORS

3.7 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
661	1.45	53	2.17	4031	AM 0 6 2 0 1 . 4 _ M _ _ _ 3 . 7 6 A _	76	132S
470	2.03	75	2.06	4268	1 . 8		
419	2.28	84	2.01	4307	2 . 2		
373	2.56	94	1.82	4336	2 . 5		
340	2.81	104	2.13	4441	2 . 8		
294	3.25	119	1.68	4431	3 . 2		
259	3.68	136	1.56	4485	3 . 6		
242	3.95	146	1.78	4628	4 . 0		
216	4.43	164	1.68	4678	4 . 5		
189	5.04	186	1.55	4761	5 . 0		
169	5.65	208	1.45	4805	5 . 6		
151	6.32	233	1.29	4807	6 . 3		
133	7.16	265	1.17	4832	7 . 1		
119	8.05	298	1.1	4890	8 . 0		
105	9.13	338	1.01	4733	9 . 0		
657	1.45	54	2.32	5335	AM 0 7 2 0 1 . 4 _ M _ _ _ 3 . 7 6 A _	93	132S
474	2.01	74	2.32	5815	1 . 8		
422	2.26	83	2.32	5889	2 . 2		
384	2.49	92	2.32	5948	2 . 5		
331	2.88	106	2.32	6106	2 . 8		
294	3.25	119	2.32	6102	3 . 2		
259	3.69	136	2.32	6220	3 . 6		
239	3.99	147	2.32	6382	4 . 0		
213	4.48	166	2.32	6495	4 . 5		
187	5.09	188	2.32	6643	5 . 0		
167	5.72	211	2.32	6748	5 . 6		
148	6.44	238	2.32	6812	6 . 3		
130	7.32	270	2.32	6751	7 . 1		
116	8.22	303	2.32	6778	8 . 0		
102	9.34	345	2.1	6620	9 . 0		
98	9.78	362	1.92	6133	10 .		
85	11.24	415	1.76	5879	11 .		
77	12.48	462	1.61	7428	12 .		
67	14.34	530	1.41	7100	14 .		
59	16.09	595	1.25	6305	16 .		
52	18.2	672	1.1	7657	18 .		
46	20.54	759	0.98	7612	20 .		
41	23.23	858	0.88	6498	22 .		
291	3.28	121	4.14	15863	AM 0 8 2 0 3 . 2 _ M _ - _ 3 . 7 6 A _	119	132S
259	3.68	136	3.85	16063	3 . 6		
145	6.59	243	4.14	18005	6 . 3		
129	7.4	273	3.85	18194	7 . 1		
117	8.18	302	4.14	18515	8 . 0		
104	9.18	339	3.85	18678	9 . 0		
93	10.22	377	3.07	18631	10 .		
80	11.9	439	2.77	18910	11 .		
75	12.68	469	3.07	19410	12 .		
65	14.76	546	2.64	19910	14 .		
58	16.34	604	1.87	19437	16 .		
52	18.44	682	1.62	19611	18 .		
47	20.27	749	1.87	19777	20 .		
42	22.89	846	1.2	20925	22 .		
37	26.07	964	1.3	19882	25 .		
33	28.64	1059	1.12	19335	28 .		
30	32.35	1197	1.21	19286	32 .		
27	35.54	1314	1.1	21651	36 .		
23	40.82	1510	0.91	20048	40 .		
52	18.43	682	3.98	27957	AM 0 9 2 0 1 8 . _ M _ - _ 3 . 7 6 A _	165	132S
46	20.59	761	3.85	28931	20 .		
42	22.87	845	3.47	29089	22 .		
37	26.04	963	2.82	28647	25 .		
33	28.74	1063	2.56	28384	28 .		
30	32.31	1195	2.29	28489	32 .		
27	35.67	1319	2.1	28173	36 .		
24	40.25	1488	1.71	27594	40 .		
21	44.44	1644	1.55	29016	45 .		
19	49.07	1815	1.58	28600	50 .		
17	55.18	2041	0.98	27058	56 .		
16	61.13	2262	1.14	25750	63 .		
14	68.74	2543	0.98	27962	71 .		
37	26.03	963	4.03	41166	AM 1 0 2 0 2 5 . _ M _ - _ 3 . 7 6 A _	211	132S
32	29.99	1109	3.49	43372	28 .		
31	30.76	1138	4.01	43818	32 .		
27	35.44	1311	3.47	45263	36 .		
26	37.06	1371	3.15	46588	40 .		
22	42.7	1579	2.71	48423	45 .		
20	47.93	1773	2.49	47689	50 .		
19	51.49	1905	2.11	48027	56 .		
17	57.75	2136	2.02	47784	63 .		
15	62.05	2295	1.89	47481	71 .		

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 Spaces to be filled when entering order	1 Through 20	Weight of base mount unit	Motor Frame Size
16	60.23	2227	1.76	47424	AM 1 0 3 0 5 6 . M _ _ _ 3 . 7 6 A _		230	132S
14	66.93	2475	1.59	47027	6 3 .			
13	71.17	2633	1.75	46878	7 1 .			
12	79.08	2926	1.58	46381	8 0 .			
10	95.44	3531	1.11	43947	9 0 .			
8.7	109.97	4068	0.97	39677	1 0 0			
8.5	112.77	4172	1.1	44196	1 1 2			
7.3	129.94	4807	0.96	42533	1 2 5			
7	135.88	5026	0.86	43000	1 4 0			
22	43.45	1607	4.19	66863	AM 1 3 2 0 4 5 . M _ _ _ 3 . 7 6 A _		287	132S
20	48.63	1799	3.28	66736	5 0 .			
18	51.74	1914	3.28	66712	5 6 .			
16	59.49	2201	3.07	66668	6 3 .			
15	63.29	2341	2.88	66648	7 1 .			
17	56.93	2106	3.07	66674	AM 1 3 3 0 5 6 . M _ _ _ 3 . 7 6 A		319	132S
15	64.17	2374	2.71	66618	6 3 .			
13	71.32	2638	2.53	66481	7 1 .			
12	80.39	2974	2.24	66394	8 0 .			
11	90.75	3357	1.94	66315	9 0 .			
9.4	101.07	3739	1.74	66136	1 0 0			
8.4	113.69	4206	1.59	66025	1 1 2			
7.5	126.62	4684	1.43	65841	1 2 5			
6.9	139.07	5145	1.33	65700	1 4 0			
6.2	154.89	5730	1.19	65575	1 6 0			
5.5	173.37	6414	1.04	65287	1 8 0			
5.2	184.46	6824	0.98	65125	2 0 0			
4.5	212.09	846	0.86	64900	2 2 5			
10	98.30	3427	3.71	68000	AM1432100 M - 3.7C--		434	132S
8.1	118.61	4231	3.07	68000	AM1432112 M - 3.7C--		434	132S
7.0	136.66	4896	2.66	68000	AM1432125 M - 3.7C--		434	132S
6.1	158.58	5619	2.29	68000	AM1432160 M - 3.7C--		434	132S
5.2	184.83	6591	1.97	68000	AM1432180 M - 3.7C--		434	132S
4.8	198.58	7141	1.84	68000	AM1432200 M - 3.7C--		434	132S
4.2	228.38	7992	1.63	68000	AM1442225 M - 3.7C--		475	132S
3.9	244.15	8607	1.52	68000	AM1442250 M - 3.7C--		475	132S
3.5	276.86	9591	1.34	68000	AM1442280 M - 3.7C--		475	132S
2.8	337.68	11989	1.10	68000	AM1442300 M - 3.7C--		475	132S
2.7	352.51	12433	1.06	68000	AM1442360 M - 3.7C--		475	132S
2.4	405.06	13987	0.92	68000	AM1442400 M - 3.7C--		475	132S
6.4	149.79	5355	3.87	98000	AM1632160 M - 3.7C--		677	132S
5.5	175.64	6232	3.05	98000	AM1632180 M - 3.7C--		677	132S
4.9	197.02	6995	2.08	98000	AM1632200 M - 3.7C--		677	132S
4.2	228.8	7992	2.58	98000	AM1642225 M - 3.7C--		844	132S
3.6	264.6	9325	2.24	98000	AM1642250 M - 3.7C--		844	132S
3.4	285.8	9873	2.08	98000	AM1642280 M - 3.7C--		844	132S
3.0	323.53	11189	1.83	98000	AM1642300 M - 3.7C--		844	132S
2.7	360.14	12433	1.64	98000	AM1642360 M - 3.7C--		844	132S
2.4	400.12	13987	1.48	98000	AM1642400 M - 3.7C--		844	132S
1.9	504.17	17668	1.18	98000	AM1642500 M - 3.7C--		844	132S
1.5	646.71	22379	0.92	98000	AM1642650 M - 3.7C--		844	132S

SELECTION TABLES - GEARED MOTORS
5.5 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
1003	1.45	52	1.95	3506	AM 0 6 2 0 1 . 4 M _ _ _ 5 . 5 4 A _	70	132S
713	2.03	73	1.84	3854	1 . 8		
636	2.28	82	1.79	3979	2 . 2		
567	2.56	92	1.73	4084	2 . 5		
516	2.81	101	1.89	4183	2 . 8		
446	3.25	117	1.6	4136	3 . 2		
394	3.68	133	1.5	4156	3 . 6		
367	3.95	143	1.59	4270	4 . 0		
327	4.43	160	1.49	4296	4 . 5		
288	5.04	182	1.38	4375	5 . 0		
257	5.65	204	1.3	4415	5 . 6		
230	6.32	228	1.22	4414	6 . 3		
203	7.16	259	1.12	4436	7 . 1		
180	8.05	291	1.05	4486	8 . 0		
159	9.13	330	0.96	4324	9 . 0		
998	1.45	52	2.38	4643	AM 0 7 2 0 1 . 4 M - _ _ 5 . 5 4 A	87	132S
720	2.01	72	2.38	5127	1 . 8		
641	2.26	81	2.38	5306	2 . 2		
583	2.49	90	2.38	5458	2 . 5		
503	2.88	104	2.38	5744	2 . 8		
447	3.25	117	2.38	5739	3 . 2		
393	3.69	133	2.38	5803	3 . 6		
363	3.99	144	2.38	5929	4 . 0		
323	4.48	162	2.38	5988	4 . 5		
285	5.09	184	2.38	6092	5 . 0		
253	5.72	207	2.38	6193	5 . 6		
225	6.44	233	2.38	6256	6 . 3		
198	7.32	265	2.31	6265	7 . 1		
176	8.22	297	2.15	6291	8 . 0		
155	9.34	338	1.98	6121	9 . 0		
148	9.78	354	1.85	6520	1 0 .		
129	11.24	406	1.67	6236	1 1 .		
116	12.48	452	1.6	6683	1 2 .		
101	14.34	519	1.43	6725	1 4 .		
90	16.09	582	1.26	6766	1 6 .		
80	18.2	659	1.13	6890	1 8 .		
71	20.54	744	1.01	7110	2 0 .		
62	23.23	841	0.89	7210	2 2 .		
442	3.28	118	3.67	14819	AM 0 8 2 0 3 . 2 M - _ _ 5 . 5 4 A	113	132S
394	3.68	133	3.42	15093	3 . 6		
220	6.59	238	3.67	16490	6 . 3		
196	7.4	267	3.42	16710	7 . 1		
177	8.18	296	3.67	17032	8 . 0		
158	9.18	332	3.42	17200	9 . 0		
142	10.22	370	2.73	17188	1 0 .		
122	11.9	430	2.47	17275	1 1 .		
114	12.68	459	2.73	17575	1 2 .		
98	14.76	534	2.47	17585	1 4 .		
89	16.34	591	1.91	17610	1 6 .		
79	18.44	668	1.66	17694	1 8 .		
72	20.27	734	1.91	18152	2 0 .		
63	22.89	828	1.66	20135	2 2 .		
56	26.07	944	1.3	19640	2 5 .		
51	28.64	1037	1.15	19556	2 8 .		
45	32.35	1171	1.24	19699	3 2 .		
41	35.54	1287	1.13	22300	3 6 .		
36	40.82	1478	0.93	22600	4 0 .		
70	20.59	745	3.91	25200	AM 0 9 2 0 2 0 . M - _ _ 5 . 5 4 A	159	132S
63	22.87	828	3.55	26023	2 2 .		
56	26.04	943	2.89	26350	2 5 .		
50	28.74	1041	2.62	26711	2 8 .		
45	32.31	1170	2.04	28575	3 2 .		
41	35.67	1291	1.87	28800	3 6 .		
36	40.25	1458	1.75	28800	4 0 .		
33	44.44	1609	1.58	29101	4 5 .		
30	49.07	1777	1.41	29039	5 0 .		
26	55.18	1998	1.04	28977	5 6 .		
24	61.13	2214	1.15	28752	6 3 .		
21	68.74	2489	1.03	28600	7 1 .		
48	29.99	1086	3.58	38466	AM 1 0 2 0 2 8 . M - _ _ 5 . 5 4 A	205	132S
41	35.44	1283	3.55	40116	3 6 .		
39	37.06	1342	3.2	41144	4 0 .		
34	42.7	1546	2.78	42930	4 5 .		
30	47.93	1736	2.49	44324	5 0 .		
28	51.49	1865	2.15	45300	5 6 .		
25	57.75	2091	2.07	46850	6 3 .		
23	62.05	2247	1.93	47800	7 1 .		

SELECTION TABLES - GEARED MOTORS

5.5 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
24	60.23	2181	1.81	47278	AM 1 0 3 0 5 6 . _ M _ _ _ 5 . 5 4 A _	224	132S
22	66.93	2424	1.63	47294	6 3 .		
20	71.17	2577	1.79	47238	7 1 .		
18	79.08	2864	1.61	46811	8 0 .		
15	95.44	3457	1.14	45743	9 0 .		
13	109.97	3983	0.99	44859	1 0 0		
13	112.77	4084	1.13	44900	1 1 2		
11	129.94	4706	0.98	43900	1 2 5		
30	48.63	1761	3.35	66783	AM 1 3 2 0 5 0 . _ M _ - _ 5 . 5 4 A	281	132S
28	51.74	1874	3.35	66755	5 6 .		
24	59.49	2154	3.13	66715	6 3 .		
23	63.29	2292	2.93	66661	7 1 .		
25	56.93	2062	3.15	66739	AM 1 3 3 0 5 6 . _ M _ - _ 5 . 5 4 A	313	132S
23	64.17	2324	2.78	66661	6 3 .		
20	71.32	2583	2.58	66610	7 1 .		
18	80.39	2911	2.29	66475	8 0 .		
16	90.75	3287	1.98	66400	9 0 .		
14	101.07	3661	1.78	66262	1 0 0		
13	113.69	4117	1.63	66152	1 1 2		
11	126.62	4586	1.46	65928	1 2 5		
10	139.07	5037	1.36	65828	1 4 0		
9.4	154.89	5610	1.22	65700	1 6 0		
8.4	173.37	6279	1.07	65400	1 8 0		
7.9	184.46	6681	1	65300	2 0 0		
15	98.30	3454	3.76	68000	AM1432100 M - 5.5A--	434	132S
12	118.61	4168	3.12	68000	AM1432112 M - 5.5A--	434	132S
11	136.66	4802	2.71	68000	AM1432125 M - 5.5A--	434	132S
9.1	158.58	5572	2.33	68000	AM1432160 M - 5.5A--	434	132S
7.8	184.83	6494	2.00	68000	AM1432180 M - 5.5A--	434	132S
7.3	198.58	6978	1.86	68000	AM1432200 M - 5.5A--	434	132S
6.3	228.38	7859	1.65	68000	AM1442225 M - 5.5A--	475	132S
5.9	244.15	8402	1.55	68000	AM1442250 M - 5.5A--	475	132S
5.2	276.86	9528	1.36	68000	AM1442280 M - 5.5A--	475	132S
4.3	337.68	11621	1.12	68000	AM1442300 M - 5.5A--	475	132S
4.1	352.51	12131	1.07	68000	AM1442360 M - 5.5A--	475	132S
3.6	405.06	13939	0.93	68000	AM1442400 M - 5.5A--	475	132S
3.2	459.33	15807	0.82	68000	AM1442450 M - 5.5A--	475	132S
10	149.79	5263	3.93	98000	AM1632160 M - 5.5A--	677	132S
8.3	175.64	6172	3.09	98000	AM1632180 M - 5.5A--	677	132S
7.4	197.02	6923	2.11	98000	AM1632200 M - 5.5A--	677	132S
6.3	228.84	7875	2.63	98000	AM1642225 M - 5.5A--	844	132S
5.5	264.58	9105	2.27	98000	AM1642250 M - 5.5A--	844	132S
5.1	285.80	9835	2.10	98000	AM1642280 M - 5.5A--	844	132S
4.5	323.53	11134	1.86	98000	AM1642300 M - 5.5A--	844	132S
4.0	360.14	12393	1.67	98000	AM1642360 M - 5.5A--	844	132S
3.6	400.12	13769	1.50	98000	AM1642400 M - 5.5A--	844	132S

SELECTION TABLES - GEARED MOTORS
5.5 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
664	1.45	79	1.47	3930	AM 0 6 2 0 1 . 4 _ M _ _ 5 . 5 6 A _	86	132M
472	2.03	111	1.4	4130	1 . 8		
421	2.28	124	1.36	4150	2 . 2		
375	2.56	139	1.23	4160	2 . 5		
341	2.81	153	1.44	4280	2 . 8		
296	3.25	177	1.14	4210	3 . 2		
261	3.68	201	1.06	4230	3 . 6		
243	3.95	216	1.21	4400	4 . 0		
217	4.43	242	1.13	4420	4 . 5		
190	5.04	275	1.05	4480	5 . 0		
170	5.65	309	0.98	4490	5 . 6		
152	6.32	345	0.87	4440	6 . 3		
661	1.45	79	1.57	5255	AM 0 7 2 0 1 . 4 M - 5 . 5 6 A	103	132M
477	2.01	110	1.57	5705	1 . 8		
425	2.26	123	1.57	5763	2 . 2		
386	2.49	136	1.57	5809	2 . 5		
333	2.88	157	1.57	5972	2 . 8		
296	3.25	177	1.57	5924	3 . 2		
260	3.69	201	1.57	6016	3 . 6		
241	3.99	218	1.57	6197	4 . 0		
214	4.48	245	1.57	6288	4 . 5		
188	5.09	278	1.57	6417	5 . 0		
168	5.72	313	1.57	6496	5 . 6		
149	6.44	352	1.57	6514	6 . 3		
131	7.32	400	1.57	6313	7 . 1		
117	8.22	449	1.57	6256	8 . 0		
103	9.34	511	1.42	5906	9 . 0		
98	9.78	534	1.3	5275	10 .		
85	11.24	614	1.19	4759	11 .		
77	12.48	682	1.09	6825	12 .		
67	14.34	784	0.95	6191	14 .		
60	16.09	880	0.85	4927	16 .		
663	1.45	79	3.16	12973	AM 0 8 2 0 1 . 4 M - 5 . 5 6 A	129	132M
467	2.05	112	3.16	14489	1 . 8		
421	2.28	124	3.16	14989	2 . 2		
378	2.54	138	3.16	15205	2 . 5		
330	2.91	159	3.16	15547	2 . 8		
293	3.28	179	2.8	15721	3 . 2		
261	3.68	201	2.6	15921	3 . 6		
233	4.12	225	3.16	16321	4 . 0		
210	4.58	250	3.16	16678	4 . 5		
188	5.12	279	3.16	17036	5 . 0		
169	5.68	310	3.16	17336	5 . 6		
146	6.59	360	2.8	17768	6 . 3		
130	7.4	404	2.6	17831	7 . 1		
117	8.18	447	2.8	18105	8 . 0		
105	9.18	502	2.6	18126	9 . 0		
94	10.22	559	2.07	17810	10 .		
81	11.9	650	1.87	17836	11 .		
76	12.68	693	2.07	18336	12 .		
65	14.76	807	1.79	18536	14 .		
59	16.34	893	1.26	17757	16 .		
52	18.44	1008	1.1	17615	18 .		
47	20.27	1109	1.26	17768	20 .		
42	22.89	1252	1.1	19414	22 .		
37	26.07	1426	0.87	17918	25 .		
30	32.35	1770	0.82	17106	32 .		
58	16.59	907	2.98	26578	AM 0 9 2 0 1 6 . M - 5 . 5 6 A	175	132M
52	18.43	1008	2.69	27452	18 .		
47	20.59	1126	2.6	28410	20 .		
42	22.87	1251	2.35	28663	22 .		
37	26.04	1424	1.91	28015	25 .		
33	28.74	1572	1.73	27594	28 .		
30	32.31	1767	1.55	27763	32 .		
27	35.67	1951	1.42	27257	36 .		
24	40.25	2202	1.16	26331	40 .		
22	44.44	2431	1.05	28666	45 .		
20	49.07	2684	1.07	28000	50 .		
53	18.25	998	3.89	36553	AM 1 0 2 0 1 8 . M - 5 . 5 6 A	221	132M
45	21.57	1179	3.85	38183	22 .		
37	26.03	1424	2.73	39472	25 .		
32	29.99	1640	2.36	41850	28 .		
31	30.76	1682	2.71	42333	32 .		
27	35.44	1938	2.35	43316	36 .		
26	37.06	2027	2.13	45079	40 .		
22	42.7	2336	1.84	47192	45 .		
20	47.93	2622	1.68	46013	50 .		
19	51.49	2817	1.43	46800	56 .		
17	57.75	3159	1.37	46437	63 .		
15	62.05	3394	1.28	46050	71 .		

5.5 KW – 6 Pole

[illegible]

SELECTION TABLES - GEARED MOTORS
7.5 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
1003	1.45	71	1.43	3420	AM 0 6 2 0 1.4 M - 7.5 4 A	80	132M
713	2.03	100	1.35	3730	1.8		
636	2.28	112	1.31	3840	2.2		
567	2.56	126	1.27	3930	2.5		
516	2.81	138	1.39	4040	2.8		
446	3.25	160	1.17	3940	3.2		
394	3.68	181	1.1	3930	3.6		
367	3.95	195	1.17	4070	4.0		
327	4.43	218	1.1	4070	4.5		
288	5.04	248	1.01	4130	5.0		
257	5.65	279	0.95	4140	5.6		
230	6.32	311	0.9	4090	6.3		
203	7.16	353	0.82	4070	7.1		
998	1.45	71	1.75	4573	AM 0 7 2 0 1.4 M - 7.5 4 A	97	132M
720	2.01	99	1.75	5029	1.8		
641	2.26	111	1.75	5196	2.2		
583	2.49	122	1.75	5337	2.5		
503	2.88	142	1.75	5625	2.8		
447	3.25	160	1.75	5581	3.2		
393	3.69	182	1.75	5623	3.6		
363	3.99	197	1.75	5765	4.0		
323	4.48	221	1.75	5805	4.5		
285	5.09	251	1.75	5894	5.0		
253	5.72	282	1.75	5972	5.6		
225	6.44	318	1.75	5994	6.3		
198	7.32	361	1.69	5916	7.1		
176	8.22	405	1.57	5867	8.0		
155	9.34	461	1.45	5504	9.0		
148	9.78	482	1.36	6120	10.		
129	11.24	554	1.22	5641	11.		
116	12.48	616	1.17	6200	12.		
101	14.34	708	1.05	6170	14.		
90	16.09	794	0.93	6110	16.		
1001	1.45	71	3.51	11334	AM 0 8 2 0 1.4 M - 7.5 4 A	123	132M
706	2.05	101	3.48	12634	1.8		
636	2.28	112	3.31	13092	2.2		
571	2.54	125	3.12	13551	2.5		
499	2.91	143	3.51	14192	2.8		
442	3.28	162	2.69	14710	3.2		
394	3.68	181	2.51	14968	3.6		
352	4.12	203	3.48	15268	4.0		
317	4.58	226	3.31	15527	4.5		
283	5.12	252	3.48	15727	5.0		
255	5.68	280	3.31	15944	5.6		
220	6.59	325	2.69	16303	6.3		
196	7.4	365	2.51	16413	7.1		
177	8.18	403	2.69	16689	8.0		
158	9.18	453	2.51	16716	9.0		
142	10.22	504	2	16453	10.		
122	11.9	587	1.81	16291	11.		
114	12.68	626	2	16591	12.		
98	14.76	729	1.81	16304	14.		
89	16.34	806	1.4	16443	16.		
79	18.44	910	1.22	16278	18.		
72	20.27	1001	1.4	16678	20.		
63	22.89	1130	1.22	19100	22.		
56	26.07	1287	0.96	18000	25.		
51	28.64	1414	0.84	17600	28.		
45	32.35	1598	0.91	17800	32.		
87	16.59	819	3.23	23623	AM 0 9 2 0 1.6 M - 7.5 4 A	169	132M
79	18.43	910	2.99	23999	18.		
70	20.59	1016	2.87	24716	20.		
63	22.87	1129	2.6	25492	22.		
56	26.04	1286	2.12	25350	25.		
50	28.74	1419	1.92	2516	28.		
45	32.31	1595	1.49	27893	32.		
41	35.67	1761	1.37	28254	36.		
36	40.25	1988	1.28	28254	40.		
33	44.44	2194	1.16	28800	45.		
30	49.07	2423	1.03	28700	50.		
24	61.13	3019	0.85	28300	63.		
56	26.03	1285	3.03	35035	AM 1 0 2 0 2.5 M - 7.5 4 A	215	132M
48	29.99	1481	2.63	37779	28.		
47	30.76	1519	3	38186	32.		
41	35.44	1750	2.6	39096	36.		
39	37.06	1830	2.35	40384	40.		
34	42.7	2109	2.04	42039	45.		
30	47.93	2367	1.83	43308	50.		
28	51.49	2543	1.57	44209	56.		
25	57.75	2852	1.52	45668	63.		
23	62.05	3064	1.41	46527	71.		

SELECTION TABLES - GEARED MOTORS
7.5 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
24	60.23	2974	1.33	45977	AM 1 0 3 0 5 6 . M _ _ _ 7 . 5 4 A _	234	132M
22	66.93	3305	1.19	45878	6 3 .		
20	71.17	3515	1.31	45800	7 1 .		
18	79.08	3906	1.18	45200	8 0 .		
15	95.44	4714	0.84	43700	9 0 .		
41	35.52	1754	3.77	65484	AM 1 3 2 0 3 6 . M - 7 . 5 4 A	291	132M
37	39.01	1926	3.49	65198	4 0 .		
33	43.45	2145	3.15	66289	4 5 .		
30	48.63	2401	2.45	66591	5 0 .		
28	51.74	2555	2.45	66547	5 6 .		
24	59.49	2938	2.29	66482	6 3 .		
23	63.29	3126	2.15	66396	7 1 .		
25	56.93	2812	2.31	66520	AM 1 3 3 0 5 6 . M - 7 . 5 4 A	323	132M
23	64.17	3169	2.04	66396	6 3 .		
20	71.32	3522	1.89	66313	7 1 .		
18	80.39	3970	1.68	66156	8 0 .		
16	90.75	4482	1.45	66036	9 0 .		
14	101.07	4992	1.31	65876	1 0 0		
13	113.69	5615	1.19	65700	1 1 2		
11	126.62	6254	1.07	65400	1 2 5		
10	139.07	6869	1	65300	1 4 0		
19	74.85	3586	3.62	68000	AM143271_M - 7.5A--	437	132M
17	83.17	3985	3.26	68000	AM143280_M - 7.5A--	437	132M
15	98.30	4710	2.76	68000	AM1432100_M - 7.5A--	437	132M
12	118.61	5683	2.29	68000	AM1432112_M - 7.5A--	437	132M
11	136.66	6548	1.99	68000	AM1432125_M - 7.5A--	437	132M
9.1	158.58	7598	1.71	68000	AM1432160_M - 7.5A--	437	132M
7.8	184.83	8856	1.47	68000	AM1432180_M - 7.5A--	437	132M
7.3	198.58	9515	1.37	68000	AM1432200_M - 7.5A--	437	132M
6.3	228.38	10717	1.21	68000	AM1442225_M - 7.5A--	478	132M
5.9	244.15	11457	1.13	68000	AM1442250_M - 7.5A--	478	132M
5.2	276.86	12992	1.00	68000	AM1442280_M - 7.5A--	478	132M
4.3	337.68	15846	0.82	68000	AM1442300_M - 7.5A--	478	132M
12	118.21	5664	3.65	98000	AM1632112_M - 7.5A--	680	132M
11	128.08	6137	3.37	98000	AM1632125_M - 7.5A--	680	132M
10	149.79	7177	2.88	98000	AM1632160_M - 7.5A--	680	132M
8.3	175.64	8416	2.27	98000	AM1632180_M - 7.5A--	680	132M
7.4	197.02	9440	1.55	98000	AM1632200_M - 7.5A--	680	132M
6.3	228.84	10739	1.93	98000	AM1642225_M - 7.5A--	847	132M
5.5	264.58	12416	1.67	98000	AM1642250_M - 7.5A--	847	132M
5.1	285.80	13412	1.54	98000	AM1642280_M - 7.5A--	847	132M
4.5	323.53	15182	1.36	98000	AM1642300_M - 7.5A--	847	132M
4.0	360.14	16900	1.22	98000	AM1642360_M - 7.5A--	847	132M
3.6	400.12	18776	1.10	98000	AM1642400_M - 7.5A--	847	132M
3.3	445.37	20900	0.99	98000	AM1642450_M - 7.5A--	847	132M
2.9	504.17	23659	0.87	98000	AM1642500_M - 7.5A--	847	132M

SELECTION TABLES - GEARED MOTORS

7.5 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
664	1.45	107	1.16	5147	AM 0 7 2 0 1 . 4	116	160M
479	2.01	149	1.16	5557	1 . 8		
427	2.26	167	1.16	5594	2 . 2		
388	2.49	184	1.16	5624	2 . 5		
335	2.88	213	1.16	5793	2 . 8		
297	3.25	240	1.16	5686	3 . 2		
261	3.69	273	1.16	5745	3 . 6		
242	3.99	296	1.16	5951	4 . 0		
215	4.48	332	1.16	6012	4 . 5		
189	5.09	378	1.16	6116	5 . 0		
169	5.72	424	1.16	6159	5 . 6		
150	6.44	477	1.16	6116	6 . 3		
132	7.32	543	1.16	5730	7 . 1		
117	8.22	609	1.16	5559	8 . 0		
103	9.34	693	1.05	4955	9 . 0		
99	9.78	725	0.96	4131	10 .		
86	11.24	833	0.88	3265	11 .		
77	12.48	926	0.81	6020	12 .		
666	1.45	107	2.33	12910	AM 0 8 2 0 1 . 4	148	160M
470	2.05	152	2.33	14384	1 . 8		
423	2.28	169	2.33	14884	2 . 2		
380	2.54	188	2.33	15057	2 . 5		
332	2.91	215	2.33	15421	2 . 8		
294	3.28	243	2.06	15531	3 . 2		
262	3.68	273	1.92	15731	3 . 6		
234	4.12	306	2.33	16131	4 . 0		
211	4.58	339	2.33	16468	4 . 5		
189	5.12	379	2.33	16805	5 . 0		
170	5.68	421	2.33	17105	5 . 6		
146	6.59	488	2.06	17452	6 . 3		
130	7.4	548	1.92	17347	7 . 1		
118	8.18	606	2.06	17557	8 . 0		
105	9.18	681	1.92	17389	9 . 0		
94	10.22	758	1.53	16715	10 .		
81	11.9	882	1.38	16405	11 .		
76	12.68	941	1.53	16905	12 .		
65	14.76	1095	1.32	16705	14 .		
59	16.34	1212	0.93	15518	16 .		
52	18.44	1368	0.81	14955	18 .		
48	20.27	1504	0.93	15088	20 .		
42	22.89	1698	0.81	17400	22 .		

SELECTION TABLES - GEARED MOTORS

7.5 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
117	8.22	610	3.9	22500	AM 0 9 2 0 8 . 0 _ M _ _ _ 7 . 5 6 A _	191	160M
105	9.19	681	3.63	23000	9 . 0		
94	10.27	761	3.35	23300	1 0 .		
82	11.71	868	3.07	23800	1 1 .		
76	12.74	945	2.92	24200	1 2 .		
66	14.53	1078	2.68	25200	1 4 .		
58	16.59	1231	2.2	25968	1 6 .		
52	18.43	1368	1.98	26778	1 8 .		
47	20.59	1528	1.92	27715	2 0 .		
42	22.87	1697	1.73	28094	2 2 .		
37	26.04	1932	1.41	27173	2 5 .		
34	28.74	2133	1.27	26542	2 8 .		
30	32.31	2397	1.14	26794	3 2 .		
27	35.67	2647	1.05	26036	3 6 .		
24	40.25	2987	0.85	24647	4 0 .		
59	16.43	1219	3.18	34702	AM 1 0 2 0 1 6 . M - 7 . 5 6 A	239	160M
53	18.25	1354	2.87	35373	1 8 .		
50	19.41	1440	3.15	36020	2 0 .		
45	21.57	1600	2.84	36658	2 2 .		
37	26.03	1931	2.01	37213	2 5 .		
32	29.99	2225	1.74	39819	2 8 .		
31	30.76	2282	2	40353	3 2 .		
27	35.44	2630	1.73	40720	3 6 .		
26	37.06	2750	1.57	43067	4 0 .		
23	42.7	3169	1.35	45552	4 5 .		
20	47.93	3557	1.24	43778	5 0 .		
19	51.49	3821	1.05	45163	5 6 .		
17	57.75	4286	1.01	44642	6 3 .		
16	62.05	4604	0.94	44140	7 1 .		
16	60.23	4470	0.88	44000	AM 1 0 3 0 5 6 . M - 7 . 5 6 A	256	160M
14	71.17	5281	0.87	42900	7 1 .		
43	22.55	1673	3.93	65426	AM 1 3 2 0 2 2 . M - 7 . 5 6 A	314	160M
38	25.45	1889	3.4	65407	2 5 .		
34	28.35	2104	3.06	65407	2 8 .		
30	31.89	2366	2.79	65403	3 2 .		
27	35.52	2635	2.51	65326	3 6 .		
25	39.01	2895	2.33	64716	4 0 .		
22	43.45	3224	2.09	66404	4 5 .		
20	48.63	3609	1.64	66223	5 0 .		
19	51.74	3839	1.64	66154	5 6 .		
16	59.49	4415	1.53	66024	6 3 .		
15	63.29	4697	1.43	65964	7 1 .		
24	39.93	2963	2.09	66500	AM 1 3 3 0 4 0 . M - 7 . 5 6 A	346	160M
22	44.18	3278	2.02	66400	4 5 .		
19	50.02	3712	1.8	66200	5 0 .		
17	56.93	4225	1.53	66077	5 6 .		
15	64.17	4762	1.35	65944	6 3 .		
14	71.32	5293	1.26	65755	7 1 .		
12	80.39	5966	1.12	65547	8 0 .		
11	90.75	6735	0.97	65357	9 0 .		
10	101.07	7501	0.87	65068	1 0 0		
23	42.95	3108	2.41	68000	AM142245. M - 7.5C--	463	160M
19	50.36	3644	2.20	68000	AM142250. M - 7.5C--	463	160M
17	56.49	4088	2.04	68000	AM142256. M - 7.5C--	463	160M
16	61.61	4413	2.95	68000	AM143256. M - 7.5C--	503	160M
14	68.46	4903	2.65	68000	AM143263. M - 7.5C--	503	160M
13	74.85	5361	2.42	68000	AM143271. M - 7.5C--	503	160M
12	83.17	5957	2.18	68000	AM143280. M - 7.5C--	503	160M
10	98.30	7041	1.85	68000	AM1432100 M - 7.5C--	503	160M
8.2	118.61	8495	1.53	68000	AM1432112 M - 7.5C--	503	160M
7.1	136.66	9788	1.33	68000	AM1432125 M - 7.5C--	503	160M
6.1	158.58	11358	1.14	68000	AM1432160 M - 7.5C--	503	160M
5.2	184.83	13238	0.98	68000	AM1432180 M - 7.5C--	503	160M
4.9	198.58	14223	0.91	68000	AM1432200 M - 7.5C--	503	160M
4.2	228.38	16020	0.81	68000	AM1442225 M - 7.5C--	541	160M
13	74.49	5335	3.88	98000	AM163271. M - 7.5C--	748	160M
12	82.13	5883	3.52	98000	AM163280. M - 7.5C--	748	160M
10	98.51	7056	2.93	98000	AM1632100 M - 7.5C--	748	160M
8.2	118.21	8467	2.44	98000	AM1632112 M - 7.5C--	748	160M
7.6	128.08	9174	2.26	98000	AM1632125 M - 7.5C--	748	160M
6.5	149.79	10729	1.93	98000	AM1632160 M - 7.5C--	748	160M
5.5	175.64	12580	1.52	98000	AM1632180 M - 7.5C--	748	160M
4.9	197.02	14112	1.03	98000	AM1632200 M - 7.5C--	748	160M
4.2	228.84	16052	1.29	98000	AM1642225 M - 7.5C--	913	160M
3.7	264.58	18560	1.12	98000	AM1642250 M - 7.5C--	913	160M
3.4	285.80	20048	1.03	98000	AM1642280 M - 7.5C--	913	160M
3.0	323.53	22695	0.91	98000	AM1642300 M - 7.5C--	913	160M

SELECTION TABLES - GEARED MOTORS

11 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
1001	1.45	104	1.2	4450	AM 0 7 2 0 1 . 4 M - 1 1 . 4 A	121	160M
723	2.01	145	1.2	4856	1 . 8		
644	2.26	163	1.2	5001	2 . 2		
585	2.49	179	1.2	5123	2 . 5		
505	2.88	208	1.2	5417	2 . 8		
448	3.25	234	1.2	5305	3 . 2		
394	3.69	266	1.2	5309	3 . 6		
365	3.99	288	1.2	5478	4 . 0		
325	4.48	323	1.2	5485	4 . 5		
286	5.09	367	1.2	5546	5 . 0		
254	5.72	413	1.2	5583	5 . 6		
226	6.44	464	1.2	5535	6 . 3		
199	7.32	528	1.16	5306	7 . 1		
177	8.22	593	1.08	5126	8 . 0		
156	9.34	674	0.99	4424	9 . 0		
149	9.78	705	0.93	5420	1 0 .		
129	11.24	811	0.84	4600	1 1 .		
1004	1.45	104	2.41	1225	AM 0 8 2 0 1 . 4 M - 1 1 . 4 A	153	160M
708	2.05	148	2.38	12525	1 . 8		
638	2.28	164	2.26	12956	2 . 2		
573	2.54	183	2.13	13387	2 . 5		
500	2.91	209	2.4	14056	2 . 8		
443	3.28	236	1.84	14518	3 . 2		
395	3.68	265	1.71	14750	3 . 6		
353	4.12	297	2.38	15050	4 . 0		
318	4.58	330	2.26	15281	4 . 5		
284	5.12	369	2.38	15481	5 . 0		
256	5.68	410	2.26	15643	5 . 6		
221	6.59	475	1.84	15975	6 . 3		
197	7.4	533	1.71	15893	7 . 1		
178	8.18	590	1.84	16087	8 . 0		
159	9.18	662	1.71	15868	9 . 0		
142	10.22	737	1.37	15168	1 0 .		
122	11.9	858	1.24	14568	1 1 .		
115	12.68	915	1.37	14868	1 2 .		
99	14.76	1065	1.24	14062	1 4 .		
89	16.34	1179	0.96	14400	1 6 .		
79	18.44	1331	0.83	13800	1 8 .		
72	20.27	1463	0.96	14100	2 0 .		
197	7.4	534	3.78	20200	AM 0 9 2 0 7 . 1 M - 1 1 . 4 A	196	160M
177	8.22	593	3.55	20600	8 . 0		
158	9.19	663	3.3	21000	9 . 0		
142	10.27	741	3.05	21300	1 0 .		
124	11.71	845	2.79	21800	1 1 .		
114	12.74	919	2.65	22100	1 2 .		
100	14.53	1048	2.44	22600	1 4 .		
88	16.59	1197	2.21	22912	1 6 .		
79	18.43	1330	2.04	23206	1 8 .		
71	20.59	1486	1.96	23868	2 0 .		
64	22.87	1651	1.78	24562	2 2 .		
56	26.04	1879	1.45	23600	2 5 .		
51	28.74	2075	1.31	23231	2 8 .		
45	32.31	2332	1.02	26700	3 2 .		
41	35.67	2575	0.94	27300	3 6 .		
36	40.25	2905	0.88	27300	4 0 .		
89	16.43	1185	3.27	31474	AM 1 0 2 0 1 6 . M - 1 1 . 4 A	244	160M
80	18.25	1317	2.95	31490	1 8 .		
75	19.41	1401	3.25	33095	2 0 .		
67	21.57	1557	2.92	33035	2 2 .		
56	26.03	1879	2.07	33210	2 5 .		
49	29.99	2165	1.8	36577	2 8 .		
47	30.76	2220	2.05	37055	3 2 .		
41	35.44	2558	1.78	37311	3 6 .		
39	37.06	2675	1.61	39052	4 0 .		
34	42.7	3082	1.4	40481	4 5 .		
30	47.93	3460	1.25	41531	5 0 .		
28	51.49	3717	1.08	42300	5 6 .		
25	57.75	4169	1.04	43600	6 3 .		
23	62.05	4479	0.97	44300	7 1 .		
24	60.23	4348	0.91	43700	AM 1 0 3 0 5 6 . M - 1 1 . 4 A	261	160M
22	66.93	4831	0.82	43400	6 3 .		
57	25.45	1837	3.49	58985	AM 1 3 2 0 2 5 . M - 1 1 . 4 A	319	160M
51	28.35	2046	3.14	60868	2 8 .		
46	31.89	2302	2.86	62739	3 2 .		
41	35.52	2563	2.58	64351	3 6 .		
37	39.01	2816	2.39	63876	4 0 .		
33	43.45	3136	2.15	65688	4 5 .		
30	48.63	3510	1.68	66255	5 0 .		
28	51.74	3735	1.68	66182	5 6 .		
24	59.49	4294	1.57	66074	6 3 .		
23	63.29	4569	1.47	65931	7 1 .		

SELECTION TABLES - GEARED MOTORS

11 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
36	39.93	2882	2	66500	AM 1 3 3 0 4 0 . M _ - _ 1 1 . 4 A _	351	160M
33	44.18	3189	2.03	66400	4 5 .		
29	50.02	3611	1.83	66300	5 0 .		
26	56.93	4110	1.58	66137	5 6 .		
23	64.17	4632	1.4	65931	6 3 .		
20	71.32	5148	1.3	65793	7 1 .		
18	80.39	5803	1.15	65600	8 0 .		
16	90.75	6551	0.99	65400	9 0 .		
14	101.07	7296	0.89	65200	1 0 0		
29	50.36	3551	2.26	68000	AM142250. M - 11.A--	463	160M
26	56.49	3983	2.09	68000	AM142256. M - 11.A--	463	160M
24	61.61	4300	3.02	68000	AM143256. M - 11.A--	503	160M
21	68.46	4778	2.66	68000	AM143263. M - 11.A--	503	160M
20	74.85	5224	2.49	68000	AM143271. M - 11.A--	503	160M
18	83.17	5805	2.24	68000	AM143280. M - 11.A--	503	160M
15	98.30	6861	1.89	68000	AM1432100. M - 11.A--	503	160M
12	118.61	8278	1.57	68000	AM1432112. M - 11.A--	503	160M
11	136.66	9538	1.36	68000	AM1432125. M - 11.A--	503	160M
9.2	158.58	11068	1.17	68000	AM1432160. M - 11.A--	503	160M
7.9	184.83	12900	1.01	68000	AM1432180. M - 11.A--	503	160M
7.4	198.58	13860	0.94	68000	AM1432200. M - 11.A--	503	160M
20	74.49	5199	3.98	98000	AM163271. M - 11.A--	748	160M
18	82.13	5732	3.61	98000	AM163280. M - 11.A--	748	160M
15	98.51	6875	3.01	98000	AM1632100. M - 11.A--	748	160M
12	118.21	8250	2.51	98000	AM1632112. M - 11.A--	748	160M
11	128.08	8939	2.32	98000	AM1632125. M - 11.A--	748	160M
10	149.79	10454	1.98	98000	AM1632160. M - 11.A--	748	160M
8.3	175.64	12259	1.56	98000	AM1632180. M - 11.A--	748	160M
7.4	197.02	13751	1.06	98000	AM1632200. M - 11.A--	748	160M
6.4	228.84	15642	1.32	98000	AM1642225. M - 11.A--	913	160M
5.5	264.58	18085	1.14	98000	AM1642250. M - 11.A--	913	160M
5.1	285.80	19536	1.06	98000	AM1642280. M - 11.A--	913	160M
4.5	323.53	22115	0.94	98000	AM1642300. M - 11.A--	913	160M
4.1	360.14	24617	0.84	98000	AM1642360. M - 11.A--	913	160M

SELECTION TABLES - GEARED MOTORS

11 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
666	1.45	157	1.59	12800	M 0 8 2 0 1.4 M - 11.6 A	167	160L
470	2.05	223	1.59	14200	1.8		
423	2.28	248	1.59	14700	2.2		
380	2.54	276	1.59	14800	2.5		
332	2.91	316	1.59	15200	2.8		
294	3.28	357	1.41	15200	3.2		
262	3.68	401	1.31	15400	3.6		
234	4.12	448	1.59	15800	4.0		
211	4.58	498	1.59	16100	4.5		
189	5.12	556	1.59	16400	5.0		
170	5.68	618	1.59	16700	5.6		
146	6.59	717	1.41	16900	6.3		
130	7.4	805	1.31	16500	7.1		
118	8.18	889	1.41	16600	8.0		
105	9.18	999	1.31	16100	9.0		
94	10.22	1112	1.04	14800	10.		
81	11.9	1294	0.94	13900	11.		
76	12.68	1380	1.04	14400	12.		
65	14.76	1606	0.9	13500	14.		
377	2.56	278	3.98	18413	M 0 9 2 0 2.5 M - 11.6 A	210	160L
292	3.3	359	3.09	18951	3.2		
262	3.69	401	2.76	19220	3.6		
211	4.58	498	3.89	19920	4.5		
190	5.07	552	3.67	20388	5.0		
170	5.69	618	3.42	20757	5.6		
146	6.63	721	3.09	20984	6.3		
130	7.4	805	2.83	21135	7.1		
117	8.22	895	2.66	21442	8.0		
105	9.19	1000	2.48	21615	9.0		
94	10.27	1117	2.28	21371	10.		
82	11.71	1274	2.09	21368	11.		
76	12.74	1386	1.99	21722	12.		
66	14.53	1581	1.83	22786	14.		
58	16.59	1805	1.5	24900	16.		
52	18.43	2006	1.35	25600	18.		
47	20.59	2241	1.31	26500	20.		
42	22.87	2489	1.18	27100	22.		
37	26.04	2834	0.96	25700	25.		
34	28.74	3128	0.87	24700	28.		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
91	10.59	1152	3.36	31993	AM 1 0 2 0 1 0 . _ M _ _ _ 1 1 . 6 A _	258	160L
81	11.98	1304	2.97	32615	1 1 .		
77	12.51	1361	3.33	32900	1 2 .		
68	14.16	1541	2.94	33326	1 4 .		
59	16.43	1788	2.17	33053	1 6 .		
53	18.25	1986	1.96	33308	1 8 .		
50	19.41	2112	2.15	33855	2 0 .		
45	21.57	2347	1.94	33989	2 2 .		
37	26.03	2833	1.37	33260	2 5 .		
32	29.99	3264	1.19	36266	2 8 .		
31	30.76	3347	1.36	36888	3 2 .		
27	35.44	3857	1.18	36177	3 6 .		
26	37.06	4033	1.07	39546	4 0 .		
23	42.7	4647	0.92	42681	4 5 .		
20	47.93	5217	0.85	39868	5 0 .		
60	15.97	1738	3.67	58990	AM 1 3 2 0 1 6 . _ M _ - _ 1 1 . 6 A _	333	160L
54	18	1959	3.26	60842	1 8 .		
48	20	2177	3.02	62525	2 0 .		
43	22.55	2454	2.68	64256	2 2 .		
38	25.45	2770	2.32	64224	2 5 .		
34	28.35	3085	2.08	64224	2 8 .		
30	31.89	3471	1.9	64282	3 2 .		
27	35.52	3865	1.71	64156	3 6 .		
25	39.01	4246	1.59	63143	4 0 .		
22	43.45	4729	1.43	65944	4 5 .		
20	48.63	5293	1.11	65711	5 0 .		
19	51.74	5631	1.11	65596	5 6 .		
16	59.49	6475	1.04	65380	6 3 .		
15	63.29	6889	0.98	65281	7 1 .		
24	39.93	4346	1.43	66065	AM 1 3 3 0 4 0 . _ M _ - _ 1 1 . 6 A _	365	160L
22	44.18	4808	1.38	65922	4 5 .		
19	50.02	5445	1.22	65659	5 0 .		
17	56.93	6197	1.04	65481	5 6 .		
15	64.17	6985	0.92	65270	6 3 .		
14	71.32	7763	0.86	65029	7 1 .		
29	33.89	3597	3.61	68000	AM142232. M - 11.C--	470	160L
26	36.72	3897	3.34	68000	AM142236. M - 11.C--	470	160L
23	42.95	4558	1.64	68000	AM142245. M - 11.C--	470	160L
19	50.36	5345	1.50	68000	AM142250. M - 11.C--	470	160L
17	56.49	5995	1.39	68000	AM142256. M - 11.C--	470	160L
16	61.61	6472	2.01	68000	AM143256. M - 11.C--	510	160L
14	68.46	7192	1.81	68000	AM143263. M - 11.C--	510	160L
13	74.85	7863	1.65	68000	AM143271. M - 11.C--	510	160L
12	83.17	8737	1.49	68000	AM143280. M - 11.C--	510	160L
10	98.30	10326	1.26	68000	AM1432100. M - 11.C--	510	160L
8.2	118.61	12460	1.04	68000	AM1432112. M - 11.C--	510	160L
7.1	136.66	14356	0.91	68000	AM1432125. M - 11.C--	510	160L
16	59.38	6238	3.32	98000	AM163256. M - 11.C--	755	160L
15	63.82	6704	3.09	98000	AM163263. M - 11.C--	755	160L
13	74.49	7825	2.65	98000	AM163271. M - 11.C--	755	160L
12	82.13	8628	2.40	98000	AM163280. M - 11.C--	755	160L
10	98.51	10348	2.00	98000	AM1632100. M - 11.C--	755	160L
8.2	118.21	12418	1.67	98000	AM1632112. M - 11.C--	755	160L
7.6	128.08	13455	1.54	98000	AM1632125. M - 11.C--	755	160L
6.5	149.79	15735	1.32	98000	AM1632160. M - 11.C--	755	160L
5.5	175.64	18451	1.04	98000	AM1632180. M - 11.C--	755	160L
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SELECTION TABLES - GEARED MOTORS

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
1005	1.45	142	0.88	4310	AM 0 7 2 0 1 . 4 _ M _ _ _ 1 5 . 4 A _	134	160L
725	2.01	197	0.88	4660	1 . 8		
646	2.26	221	0.88	4780	2 . 2		
587	2.49	243	0.88	4880	2 . 5		
507	2.88	282	0.88	5180	2 . 8		
450	3.25	318	0.88	4990	3 . 2		
395	3.69	362	0.88	4950	3 . 6		
366	3.99	391	0.88	5150	4 . 0		
326	4.48	439	0.88	5120	4 . 5		
287	5.09	499	0.88	5150	5 . 0		
255	5.72	561	0.88	5140	5 . 6		
227	6.44	631	0.88	5010	6 . 3		
199	7.32	718	0.85	4610	7 . 1		
1008	1.45	142	1.77	11100	AM 0 8 2 0 1 . 4 M - 1 5 . 4 A	166	160L
711	2.05	201	1.75	12400	1 . 8		
640	2.28	223	1.66	12800	2 . 2		
575	2.54	248	1.57	13200	2 . 5		
502	2.91	285	1.77	13900	2 . 8		
445	3.28	321	1.36	14300	3 . 2		
396	3.68	361	1.26	14500	3 . 6		
354	4.12	404	1.75	14800	4 . 0		
319	4.58	449	1.66	15000	4 . 5		
285	5.12	501	1.75	15200	5 . 0		
257	5.68	557	1.66	15300	5 . 6		
222	6.59	646	1.36	15600	6 . 3		
197	7.4	725	1.26	15300	7 . 1		
179	8.18	802	1.36	15400	8 . 0		
159	9.18	900	1.26	14900	9 . 0		
143	10.22	1002	1.01	13700	10 .		
123	11.9	1167	0.91	12600	11 .		
115	12.68	1244	1.01	12900	12 .		
99	14.76	1448	0.91	11500	14 .		
442	3.3	323	3.42	17411	AM 0 9 2 0 3 . 2 M - 1 5 . 4 A	209	160L
396	3.69	361	3.07	18000	3 . 6		
319	4.58	449	3.83	18676	4 . 5		
288	5.07	497	3.6	18964	5 . 0		
257	5.69	557	3.36	19082	5 . 6		
220	6.63	650	3.03	19152	6 . 3		
197	7.4	726	2.78	19364	7 . 1		
178	8.22	806	2.61	19682	8 . 0		
159	9.19	901	2.43	19847	9 . 0		
142	10.27	1007	2.24	19976	10 .		
125	11.71	1148	2.05	20076	11 .		
115	12.74	1249	1.95	20668	12 .		
101	14.53	1425	1.79	21581	14 .		
88	16.59	1627	1.62	22100	16 .		
79	18.43	1808	1.5	22300	18 .		
71	20.59	2019	1.44	22900	20 .		
64	22.87	2244	1.31	23500	22 .		
56	26.04	2554	1.07	21600	25 .		
51	28.74	2820	0.97	20700	28 .		
138	10.59	1038	3.64	29341	AM 1 0 2 0 1 0 . M - 1 5 . 4 A	257	160L
122	11.98	1175	3.3	29829	1 .		
117	12.51	1227	3.26	30105	12 .		
103	14.16	1389	3.01	30364	14 .		
89	16.43	1611	2.41	30463	16 .		
80	18.25	1790	2.17	30122	18 .		
75	19.41	1904	2.39	32275	20 .		
68	21.57	2116	2.15	31870	22 .		
56	26.03	2553	1.52	31123	25 .		
49	29.99	2942	1.32	35204	28 .		
47	30.76	3017	1.51	35762	32 .		
41	35.44	3476	1.31	35270	36 .		
39	37.06	3635	1.18	37531	40 .		
34	42.7	4189	1.03	38700	45 .		
30	47.93	4702	0.92	39500	50 .		
81	18	1765	3.62	54637	AM 1 3 2 0 1 8 . M - 1 5 . 4 A	332	160L
73	20	1962	3.35	55478	20 .		
65	22.55	2212	2.97	56359	22 .		
57	25.45	2497	2.57	57752	25 .		
51	28.35	2781	2.31	59627	28 .		
46	31.89	3128	2.11	61302	32 .		
41	35.52	3484	1.9	63056	36 .		
37	39.01	3827	1.76	62365	40 .		
34	43.45	4262	1.58	65002	45 .		
30	48.63	4770	1.24	65871	50 .		
28	51.74	5076	1.24	65765	56 .		
25	59.49	5836	1.15	65607	63 .		
23	63.29	6209	1.08	65400	71 .		

SELECTION TABLES - GEARED MOTORS

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
37	39.93	3917	1.47	65627	AM 1 3 3 0 4 0 . M _ _ _ 1 5 . 4 A _	364	160L
33	44.18	4334	1.49	66026	4 5 .		
29	50.02	4907	1.35	65873	5 0 .		
26	56.93	5585	1.16	65700	5 6 .		
23	64.17	6296	1.03	65400	6 3 .		
20	71.32	6997	0.95	65200	7 1 .		
40	36.72	3531	3.68	68000	AM142236. M - 15.A--	470	160L
34	42.95	4130	1.81	68000	AM142245. M - 15.A--	470	160L
29	50.36	4842	1.66	68000	AM142250. M - 15.A--	470	160L
26	56.49	5432	1.53	68000	AM142256. M - 15.A--	470	160L
24	61.61	5864	2.22	68000	AM143256. M - 15.A--	510	160L
21	68.46	6516	1.95	68000	AM143263. M - 15.A--	510	160L
20	74.85	7124	1.82	68000	AM143271. M - 15.A--	510	160L
18	83.17	7916	1.64	68000	AM143280. M - 15.A--	510	160L
15	98.30	9356	1.39	68000	AM1432100 M - 15.A--	510	160L
12	118.61	11288	1.15	68000	AM1432112 M - 15.A--	510	160L
11	136.66	13006	1.00	68000	AM1432125 M - 15.A--	510	160L
9.2	158.58	15093	0.86	68000	AM1432160 M - 15.A--	510	160L
25	59.38	5651	3.66	98000	AM163256. M - 15.A--	755	160L
23	63.82	6074	3.41	98000	AM163263. M - 15.A--	755	160L
20	74.49	7089	2.92	98000	AM163271. M - 15.A--	755	160L
18	82.13	7817	2.65	98000	AM163280. M - 15.A--	755	160L
15	98.51	9375	2.21	98000	AM1632100 M - 15.A--	755	160L
12	118.21	11250	1.84	98000	AM1632112 M - 15.A--	755	160L
11	128.08	12190	1.70	98000	AM1632125 M - 15.A--	755	160L
10	149.79	14256	1.45	98000	AM1632160 M - 15.A--	755	160L
8.3	175.64	16716	1.14	98000	AM1632180 M - 15.A--	755	160L
6.4	228.84	21330	0.97	98000	AM1642225 M - 15.A--	920	160L
5.5	264.58	24662	0.84	98000	AM1642250 M - 15.A--	920	160L

SELECTION TABLES - GEARED MOTORS

15 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
656	1.48	218	3.49	15466	AM 0 9 2 0 1 . 4 _ M _ - _ _ 1 5 . 6 A _	234	180L
476	2.04	300	3.49	17066	1 . 8		
425	2.28	337	3.29	17633	2 . 2		
379	2.56	378	2.93	18200	2 . 5		
327	2.97	438	3.49	18600	2 . 8		
294	3.3	487	2.28	18666	3 . 2		
263	3.69	544	2.03	18900	3 . 6		
237	4.09	603	3.08	19333	4 . 0		
212	4.58	676	2.87	19600	4 . 5		
191	5.07	749	2.71	20033	5 . 0		
171	5.69	839	2.52	20366	5 . 6		
146	6.63	978	2.28	20166	6 . 3		
131	7 . 4	1093	2.09	20033	7 . 1		
118	8.22	1214	1.96	20233	8 . 0		
106	9.19	1356	1.83	20033	9 . 0		
94	10.27	1515	1.68	19166	1 0 .		
83	11.71	1728	1.54	18590	1 1 .		
76	12.74	1881	1.47	18890	1 2 .		
67	14.53	2144	1.35	20027	1 4 .		
673	1.44	212	3.49	20766	AM 1 0 2 0 1 . 4 _ M _ - _ _ 1 5 . 6 A	282	180L
481	2.01	297	3.49	23100	1 . 8		
443	2.19	323	3.49	23700	2 . 2		
390	2.49	367	3.49	24666	2 . 5		
324	2.99	441	3.49	25933	2 . 8		
299	3.24	478	3.35	26100	3 . 2		
277	3.5	516	3.11	26300	3 . 6		
232	4.18	617	3.49	27066	4 . 0		
213	4.55	671	3.49	27333	4 . 5		
196	4.94	729	3.49	27700	5 . 0		
181	5.37	793	3.49	28133	5 . 6		
144	6.72	992	3.49	29166	6 . 3		
134	7.26	1072	3.49	29500	7 . 1		
122	7.95	1173	3.3	30033	8 . 0		
113	8.58	1266	3.15	30366	9 . 0		
92	10.59	1563	2.48	31300	1 0 .		
81	11.98	1769	2.19	31833	1 1 .		
78	12.51	1847	2.45	32100	1 2 .		
68	14.16	2091	2.17	32100	1 4 .		
59	16.43	2425	1.6	31168	1 6 .		
53	18.25	2695	1.44	30948	1 8 .		
50	19.41	2866	1.58	31380	2 0 .		
45	21.57	3184	1.43	30938	2 2 .		
37	26.03	3843	1.01	28742	2 5 .		
32	29.99	4428	0.88	32206	2 8 .		
32	30.76	4541	1	32929	3 2 .		
27	35.44	5233	0.87	30985	3 6 .		
87	11.2	1653	3.68	53811	AM 1 3 2 0 1 1 . _ M _ - _ _ 1 5 . 6 A _	357	180L
78	12.39	1829	3.58	54600	1 2 .		
69	14.03	2071	3.13	55400	1 4 .		
61	15.97	2358	2.71	58213	1 6 .		
54	18	2658	2.4	59907	1 8 .		
48	20	2954	2.22	61446	2 0 .		
43	22.55	3329	1.97	62917	2 2 .		
38	25.45	3758	1.71	62871	2 5 .		
34	28.35	4186	1.54	62871	2 8 .		
30	31.89	4708	1.4	63002	3 2 .		
27	35.52	5244	1.26	62817	3 6 .		
25	39.01	5760	1.17	61344	4 0 .		
22	43.45	6415	1.05	65419	4 5 .		
20	48.63	7181	0.82	65125	5 0 .		
19	51.74	7640	0.82	64958	5 6 .		
24	39.93	5896	1.05	65568	AM 1 3 3 0 4 0 . _ M _ - _ _ 1 5 . 6 A	389	180L
22	44.18	6523	1.02	65377	4 5 .		
19	50.02	7386	0.9	65040	5 0 .		
41	23.55	3408	3.81	68000	AM142222. M - 15.C--	528	180L
34	28.24	4087	3.18	68000	AM142228. M - 15.C--	528	180L
29	33.89	4905	2.65	68000	AM142232. M - 15.C--	528	180L
26	36.72	5314	2.45	68000	AM142236. M - 15.C--	528	180L
23	42.95	6216	1.20	68000	AM142245. M - 15.C--	528	180L
19	50.36	7288	1.10	68000	AM142250. M - 15.C--	528	180L
17	56.49	8176	1.02	68000	AM142256. M - 15.C--	528	180L
16	61.61	8826	1.47	68000	AM143256. M - 15.C--	567	180L
14	68.46	9807	1.33	68000	AM143263. M - 15.C--	567	180L
13	74.85	10722	1.21	68000	AM143271. M - 15.C--	567	180L
12	83.17	11914	1.09	68000	AM143280. M - 15.C--	567	180L
10	98.30	14081	0.92	68000	AM1432100. M - 15.C--	567	180L
26	37.54	5433	3.06	75000	AM162236. M - 15.C--	815	180L
22	45.05	6520	1.70	75000	AM162245. M - 15.C--	815	180L
16	59.38	8506	2.43	98000	AM163256. M - 15.C--	813	180L
15	63.82	9142	2.26	98000	AM163263. M - 15.C--	813	180L
13	74.49	10671	1.94	98000	AM163271. M - 15.C--	813	180L
12	82.13	11765	1.76	98000	AM163280. M - 15.C--	813	180L
10	98.51	14112	1.47	98000	AM1632100. M - 15.C--	813	180L
8.2	118.21	16934	1.22	98000	AM1632112. M - 15.C--	813	180L
7.6	128.08	18347	1.13	98000	AM1632125. M - 15.C--	813	180L
6.5	149.79	21457	0.96	98000	AM1632160. M - 15.C--	813	180L

SELECTION TABLES - GEARED MOTORS

18.5 KW – 4Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
570	2.56	310	3.58	16013	AM 0 9 2 0 2 . 5 _ M _ _ _ 1 8 . 4 A _	232	180M
442	3.3	399	2.78	17247	3 . 2		
396	3.69	446	2.49	17825	3 . 6		
357	4.09	494	3.33	18225	4 . 0		
319	4.58	554	3.1	18480	4 . 5		
288	5.07	613	2.92	18758	5 . 0		
257	5.69	687	2.72	18804	5 . 6		
220	6.63	801	2.45	18586	6 . 3		
197	7.4	895	2.25	18633	7 . 1		
178	8.22	995	2.12	18879	8 . 0		
159	9.19	1111	1.97	18838	9 . 0		
142	10.27	1242	1.82	18819	10 .		
125	11.71	1416	1.67	18569	11 .		
115	12.74	1541	1.58	19415	12 .		
101	14.53	1757	1.45	20690	14 .		
417	3.5	423	3.77	23969	AM 1 0 2 0 3 . 6 _ M _ _ _ 1 8 . 4 A _	280	180M
217	6.72	813	3.97	27048	6 . 3		
201	7.26	878	3.77	27304	7 . 1		
184	7.95	961	3.56	27760	8 . 0		
170	8.58	1037	3.4	28116	9 . 0		
138	10.59	1281	2.95	28939	10 .		
122	11.98	1450	2.67	29242	11 .		
117	12.51	1513	2.65	29498	12 .		
103	14.16	1713	2.44	29458	14 .		
89	16.43	1987	1.95	29578	16 .		
80	18.25	2208	1.76	28926	18 .		
75	19.41	2348	1.94	31557	20 .		
68	21.57	2609	1.74	30850	22 .		
56	26.03	3149	1.24	29298	25 .		
49	29.99	3629	1.07	34002	28 .		
47	30.76	3721	1.22	34631	32 .		
41	35.44	4288	1.06	33485	36 .		
39	37.06	4484	0.96	36200	40 .		
104	14.03	1697	3.83	51962	AM 1 3 2 0 1 4 . M - _ _ 1 8 . 4 A	355	180M
91	15.97	1932	3.31	53400	16 .		
81	18	2178	2.93	53991	18 .		
73	20	2420	2.72	54734	20 .		
65	22.55	2728	2.41	55501	22 .		
57	25.45	3080	2.08	56672	25 .		
51	28.35	3430	1.87	58541	28 .		
46	31.89	3858	1.71	60045	32 .		
41	35.52	4297	1.54	61923	36 .		
37	39.01	4720	1.43	61043	40 .		
34	43.45	5256	1.28	64401	45 .		
30	48.63	5884	1	65535	50 .		
28	51.74	6260	1	65400	56 .		
25	59.49	7198	0.94	65200	63 .		
37	39.93	4831	1.19	64863	AM 1 3 3 0 4 0 . M - _ _ 1 8 . 4 A	387	180M
33	44.18	5345	1.21	65700	45 .		
29	50.02	6052	1.09	65500	50 .		
52	28.24	3326	3.91	68000	AM142228. M - 18.A--	518	180M
43	33.89	3992	3.26	68000	AM142232. M - 18.A--	518	180M
40	36.72	4325	3.01	68000	AM142236. M - 18.A--	518	180M
34	42.95	5059	1.48	68000	AM142245. M - 18.A--	518	180M
29	50.36	5932	1.35	68000	AM142250. M - 18.A--	518	180M
26	56.49	6654	1.25	68000	AM142256. M - 18.A--	518	180M
24	61.61	7183	1.81	68000	AM143256. M - 18.A--	557	180M
21	68.46	7981	1.59	68000	AM143263. M - 18.A--	557	180M
20	74.85	8726	1.49	68000	AM143271. M - 18.A--	557	180M
18	83.17	9696	1.34	68000	AM143280. M - 18.A--	557	180M
15	98.30	11460	1.13	68000	AM1432100. M - 18.A--	557	180M
12	118.61	13828	0.94	68000	AM1432112. M - 18.A--	557	180M
39	37.54	4422	3.75	98000	AM162236. M - 18.A--	805	180M
33	45.05	5306	2.09	98000	AM162245. M - 18.A--	805	180M
25	59.38	6923	2.99	98000	AM163256. M - 18.A--	803	180M
23	63.82	7440	2.78	98000	AM163263. M - 18.A--	803	180M
20	74.49	8684	2.38	98000	AM163271. M - 18.A--	803	180M
18	82.13	9575	2.16	98000	AM163280. M - 18.A--	803	180M
15	98.51	11484	1.80	98000	AM1632100. M - 18.A--	803	180M
12	118.21	13781	1.50	98000	AM1632112. M - 18.A--	803	180M
11	128.08	14932	1.39	98000	AM1632125. M - 18.A--	803	180M
10	149.79	17463	1.19	98000	AM1632160. M - 18.A--	803	180M
8.4	175.64	20476	0.93	98000	AM1632180. M - 18.A--	803	180M

SELECTION TABLES - GEARED MOTORS

18.5 KW – 6Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
656	1.48	269	2.83	15357	AM 0 9 2 0 1.4 M - 18.6 A	249	200L
476	2.04	370	2.83	16911	1.8		
425	2.28	415	2.67	17462	2.2		
379	2.56	466	2.38	18013	2.5		
327	2.97	540	2.83	18413	2.8		
294	3.3	601	1.85	18417	3.2		
263	3.69	671	1.65	18620	3.6		
237	4.09	744	2.5	19068	4.0		
212	4.58	834	2.33	19320	4.5		
191	5.07	923	2.2	19722	5.0		
171	5.69	1035	2.04	20024	5.6		
146	6.63	1207	1.85	19451	6.3		
131	7.4	1348	1.69	19068	7.1		
118	8.22	1497	1.59	19175	8.0		
106	9.19	1673	1.48	18648	9.0		
94	10.27	1869	1.37	17237	1.0		
83	11.71	2131	1.25	16158	1.1		
76	12.74	2320	1.19	16412	1.2		
67	14.53	2645	1.09	17613	1.4		
673	1.44	262	2.83	20657	AM 1 0 2 0 1.4 M - 18.6 A	297	200L
481	2.01	366	2.83	22960	1.8		
443	2.19	399	2.83	23560	2.2		
390	2.49	453	2.83	24511	2.5		
324	2.99	544	2.83	25762	2.8		
299	3.24	590	2.72	25866	3.2		
277	3.5	637	2.52	26066	3.6		
232	4.18	761	2.83	26817	4.0		
213	4.55	827	2.83	27068	4.5		
196	4.94	899	2.83	27420	5.0		
181	5.37	978	2.83	27822	5.6		
144	6.72	1224	2.83	28777	6.3		
134	7.26	1322	2.83	29080	7.1		
122	7.95	1447	2.68	29582	8.0		
113	8.58	1562	2.55	29884	9.0		
92	10.59	1928	2.01	30693	1.0		
81	11.98	2182	1.78	31148	1.1		
78	12.51	2278	1.99	31400	1.2		
68	14.16	2579	1.76	31026	1.4		
59	16.43	2991	1.29	29519	1.6		
53	18.25	3324	1.17	28884	1.8		
50	19.41	3534	1.28	29215	2.0		
45	21.57	3928	1.16	28269	2.2		
37	26.03	4740	0.82	24789	2.5		
32	30.76	5601	0.81	29464	3.2		
334	2.9	528	3.39	44508	AM 1 3 2 0 2.8 M - 18.6 A	372	200L
304	3.19	580	3.39	44976	3.2		
267	3.64	662	3.39	45727	3.6		
241	4.03	733	3.39	46262	4.0		
219	4.42	805	3.39	46813	4.5		
192	5.04	918	3.39	47631	5.0		
175	5.54	1008	3.39	48301	5.6		
156	6.21	1130	3.39	49040	6.3		
141	6.88	1252	3.39	49812	7.1		
125	7.78	1416	3.39	50700	8.0		
113	8.62	1569	3.39	51423	9.0		
98	9.89	1801	3.39	52202	1.0		
87	11.2	2039	2.99	52929	1.1		
78	12.39	2256	2.91	53620	1.2		
69	14.03	2555	2.54	54233	1.4		
61	15.97	2908	2.2	57533	1.6		
54	18	3278	1.95	59088	1.8		
48	20	3643	1.8	60502	2.0		
43	22.55	4106	1.6	61747	2.2		
38	25.45	4635	1.39	61688	2.5		
34	28.35	5163	1.25	61688	2.8		
30	31.89	5807	1.14	61881	3.2		
27	35.52	6468	1.02	61647	3.6		
25	39.01	7104	0.95	59770	4.0		
22	43.45	7912	0.85	64959	4.5		
24	39.93	7272	0.85	65134	AM 1 3 3 0 4.0 M - 18.6 A	404	200L
22	44.18	8045	0.82	64900	4.5		
46	21.36	3774	3.44	68000	AM142220. M - 18.C--	581	200L
42	23.55	4161	3.12	68000	AM142222. M - 18.C--	581	200L
35	28.24	4989	2.61	68000	AM142228. M - 18.C--	581	200L
29	33.89	5988	2.17	68000	AM142232. M - 18.C--	581	200L
27	36.72	6488	2.00	68000	AM142236. M - 18.C--	581	200L
23	42.95	7588	0.99	68000	AM142245. M - 18.C--	581	200L
19	50.36	8897	0.90	68000	AM142250. M - 18.C--	581	200L
17	56.49	9980	0.83	68000	AM142256. M - 18.C--	581	200L
16	61.61	10774	1.21	68000	AM143256. M - 18.C--	618	200L
14	68.46	11972	1.09	68000	AM143263. M - 18.C--	618	200L
13	74.85	13089	0.99	68000	AM143271. M - 18.C--	618	200L
12	83.17	14544	0.89	68000	AM143280. M - 18.C--	618	200L
31	31.41	5549	3.53	98000	AM162232. M - 18.C--	862	200L
26	37.54	6632	2.50	98000	AM162236. M - 18.C--	862	200L
22	45.05	7959	1.39	98000	AM162245. M - 18.C--	862	200L
17	59.38	10384	1.99	98000	AM163256. M - 18.C--	866	200L
15	63.82	11160	1.85	98000	AM163263. M - 18.C--	866	200L
13	74.49	13026	1.59	98000	AM163271. M - 18.C--	866	200L
12	82.13	14362	1.44	98000	AM163280. M - 18.C--	866	200L
10	98.51	17227	1.20	98000	AM1632100. M - 18.C--	866	200L
8.3	118.21	20672	1.00	98000	AM1632112. M - 18.C--	866	200L
7.7	128.08	22398	0.92	98000	AM1632125. M - 18.C--	866	200L

SELECTION TABLES - GEARED MOTORS

22 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
990	1.48	212	3.59	13373	AM 0 9 2 0 1 . 4 M - - 22 . 4 A	268	180L
719	2.04	292	3.49	14776	1 . 8		
642	2.28	327	3.38	15344	2 . 2		
572	2.56	367	3.02	15879	2 . 5		
493	2.97	425	3.38	16711	2 . 8		
444	3.3	473	2.34	17082	3 . 2		
397	3.69	528	2.1	17650	3 . 6		
358	4.09	586	2.81	18050	4 . 0		
320	4.58	657	2.62	18285	4 . 5		
289	5.07	727	2.47	18552	5 . 0		
258	5.69	815	2.3	18526	5 . 6		
221	6.63	950	2.07	18020	6 . 3		
198	7.4	1061	1.9	17902	7 . 1		
178	8.22	1179	1.79	18076	8 . 0		
159	9.19	1317	1.66	17829	9 . 0		
143	10.27	1472	1.53	17661	10 .		
125	11.71	1678	1.41	17061	11 .		
115	12.74	1826	1.34	18163	12 .		
101	14.53	2082	1.23	19800	14 .		
1016	1.44	206	3.59	18073	AM 1 0 2 0 1 . 4 M - - 22 . 4 A	316	180L
727	2.01	288	3.59	20108	1 . 8		
669	2.19	314	3.59	20608	2 . 2		
589	2.49	356	3.59	21444	2 . 5		
490	2.99	429	3.59	22844	2 . 8		
452	3.24	464	3.38	23247	3 . 2		
419	3.5	501	3.18	23814	3 . 6		
351	4.18	599	3.59	25314	4 . 0		
322	4.55	651	3.59	25650	4 . 5		
297	4.94	708	3.59	25917	5 . 0		
273	5.37	770	3.59	26185	5 . 6		
218	6.72	964	3.35	26791	6 . 3		
202	7.26	1041	3.18	27026	7 . 1		
184	7.95	1139	3.01	27461	8 . 0		
171	8.58	1230	2.87	27797	9 . 0		
138	10.59	1518	2.49	28538	10 .		
122	11.98	1718	2.25	28655	11 .		
117	12.51	1793	2.23	28891	12 .		
103	14.16	2030	2.06	28552	14 .		
89	16.43	2355	1.65	28693	16 .		
80	18.25	2617	1.48	27729	18 .		
75	19.41	2783	1.63	30840	20 .		
68	21.57	3092	1.47	29830	22 .		
56	26.03	3732	1.04	27472	25 .		
49	29.99	4300	0.9	32800	28 .		
48	30.76	4410	1.03	33500	32 .		
41	35.44	5081	0.9	31700	36 .		
131	11.2	1606	3.8	49729	AM 1 3 2 0 1 . 1 M - - 22 . 4 A	391	180L
118	12.39	1776	3.69	50520	12 .		
104	14.03	2012	3.23	51244	14 .		
92	15.97	2289	2.79	52885	16 .		
81	18	2581	2.48	53345	18 .		
73	20	2868	2.29	53990	20 .		
65	22.55	3233	2.03	54642	22 .		
58	25.45	3650	1.76	55593	25 .		
52	28.35	4065	1.58	57455	28 .		
46	31.89	4572	1.44	58787	32 .		
41	35.52	5092	1.3	60789	36 .		
38	39.01	5593	1.2	59721	40 .		
34	43.45	6230	1.08	63800	45 .		
30	48.63	6973	0.85	65200	50 .		
37	39.93	5726	1.01	64100	AM 1 3 3 0 4 0 . M - - 22 . 4 A	423	180L
62	23.55	3299	3.94	68000	AM142222. M - 22.A--	528	180L
52	28.24	3955	3.29	68000	AM142228. M - 22.A--	528	180L
43	33.89	4747	2.74	68000	AM142232. M - 22.A--	528	180L
40	36.72	5143	2.53	68000	AM142236. M - 22.A--	528	180L
34	42.95	6016	1.25	68000	AM142245. M - 22.A--	528	180L
29	50.36	7054	1.14	68000	AM142250. M - 22.A--	528	180L
26	56.49	7912	1.05	68000	AM142256. M - 22.A--	528	180L
24	61.61	8541	1.52	68000	AM143256. M - 22.A--	567	180L
21	68.46	9491	1.34	68000	AM143263. M - 22.A--	567	180L
20	74.85	10377	1.25	68000	AM143271. M - 22.A--	567	180L
18	83.17	11530	1.13	68000	AM143280. M - 22.A--	567	180L
15	98.30	13628	0.95	68000	AM1432100. M - 22.A--	567	180L
39	37.54	5258	3.16	75000	AM162236. M - 22.A--	815	180L
33	45.05	6310	1.76	75000	AM162245. M - 22.A--	815	180L
25	59.38	8232	2.51	98000	AM163256. M - 22.A--	813	180L
23	63.82	8848	2.34	98000	AM163263. M - 22.A--	813	180L
20	74.49	10327	2.00	98000	AM163271. M - 22.A--	813	180L
18	82.13	11386	1.82	98000	AM163280. M - 22.A--	813	180L
15	98.51	13657	1.52	98000	AM1632100 M - 22.A--	813	180L
12	118.21	16388	1.26	98000	AM1632112 M - 22.A--	813	180L
11	128.08	17757	1.17	98000	AM1632125 M - 22.A--	813	180L
10	149.79	20766	1.00	98000	AM1632160 M - 22.A--	813	180L

SELECTION TABLES - GEARED MOTORS

22 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
656	1.48	320	2.38	15248	AM 0 9 2 0 1 . 4 M _ _ _ 2 2 . 6 A _	269	200L
476	2.04	441	2.38	16755	1 . 8		
425	2.28	494	2.24	17291	2 . 2		
379	2.56	554	2	17826	2 . 5		
327	2.97	643	2.38	18226	2 . 8		
294	3.3	715	1.55	18168	3 . 2		
263	3.69	798	1.39	18340	3 . 6		
237	4.09	885	2.1	18804	4 . 0		
212	4.58	992	1.96	19040	4 . 5		
191	5.07	1098	1.85	19411	5 . 0		
171	5.69	1231	1.72	19682	5 . 6		
146	6.63	1435	1.55	18735	6 . 3		
131	7.4	1603	1.42	18104	7 . 1		
118	8.22	1781	1.34	18117	8 . 0		
106	9.19	1990	1.24	17264	9 . 0		
94	10.27	2223	1.15	15308	1 0 .		
83	11.71	2535	1.05	13727	1 1 .		
76	12.74	2759	1	13934	1 2 .		
67	14.53	3145	0.92	15200	1 4 .		
673	1.44	312	2.38	20548	AM 1 0 2 0 1 . 4 M _ _ _ 2 2 . 6 A	317	200L
481	2.01	436	2.38	22820	1 . 8		
443	2.19	474	2.38	23420	2 . 2		
390	2.49	539	2.38	24355	2 . 5		
324	2.99	647	2.38	25591	2 . 8		
299	3.24	702	2.29	25633	3 . 2		
277	3.5	758	2.12	25833	3 . 6		
232	4.18	905	2.38	26568	4 . 0		
213	4.55	984	2.38	26804	4 . 5		
196	4.94	1069	2.38	27140	5 . 0		
181	5.37	1163	2.38	27511	5 . 6		
144	6.72	1456	2.38	28388	6 . 3		
134	7.26	1572	2.38	28660	7 . 1		
122	7.95	1720	2.25	29131	8 . 0		
113	8.58	1857	2.14	29402	9 . 0		
92	10.59	2292	1.69	30086	1 0 .		
81	11.98	2595	1.49	30464	1 1 .		
78	12.51	2709	1.67	30700	1 2 .		
68	14.16	3066	1.48	29953	1 4 .		
59	16.43	3557	1.09	27869	1 6 .		
53	18.25	3953	0.98	26819	1 8 .		
50	19.41	4203	1.08	27049	2 0 .		
45	21.57	4671	0.97	25600	2 2 .		
334	2.9	629	2.85	44384	AM 1320	392	200L
304	3.19	690	2.85	44841	3 . 2		
267	3.64	787	2.85	45577	3 . 6		
241	4.03	871	2.85	46091	4 . 0		
219	4.42	957	2.85	46626	4 . 5		
192	5.04	1092	2.85	47419	5 . 0		
175	5.54	1199	2.85	48047	5 . 6		
156	6.21	1344	2.85	48703	6 . 3		
141	6.88	1489	2.85	49402	7 . 1		
125	7.78	1684	2.85	50223	8 . 0		
113	8.62	1866	2.85	50858	9 . 0		
98	9.89	2142	2.85	51471	1 0 .		
87	11.2	2425	2.51	52048	1 1 .		
78	12.39	2683	2.44	52640	1 2 .		
69	14.03	3038	2.14	53066	1 4 .		
61	15.97	3458	1.85	56853	1 6 .		
54	18	3898	1.64	58270	1 8 .		
48	20	4332	1.52	59558	2 0 .		
43	22.55	4883	1.35	60576	2 2 .		
38	25.45	5512	1.17	60505	2 5 .		
34	28.35	6140	1.05	60505	2 8 .		
30	31.89	6906	0.96	60761	3 2 .		
27	35.52	7691	0.86	60476	3 6 .		
58	17.02	3576	3.64	68000	AM142216_M - 22.C--	581	200L
54	18.30	3845	3.38	68000	AM142218_M - 22.C--	581	200L
46	21.36	4488	2.90	68000	AM142220_M - 22.C--	581	200L
42	23.55	4948	2.63	68000	AM142222_M - 22.C--	581	200L
35	28.24	5933	2.19	68000	AM142228_M - 22.C--	581	200L
29	33.89	7120	1.83	68000	AM142232_M - 22.C--	581	200L
27	36.72	7715	1.69	68000	AM142236_M - 22.C--	581	200L
23	42.95	9024	0.83	68000	AM142245_M - 22.C--	581	200L
16	61.61	12812	1.01	68000	AM143256_M - 22.C--	618	200L
14	68.46	14237	0.91	68000	AM143263_M - 22.C--	618	200L
36	27.26	5727	3.60	98000	AM162228_M - 22.C--	862	200L
31	31.41	6599	2.97	98000	AM162232_M - 22.C--	862	200L
26	37.54	7887	2.10	98000	AM162236_M - 22.C--	862	200L
22	45.05	9465	1.17	98000	AM162245_M - 22.C--	862	200L
17	59.38	12348	1.68	98000	AM163256_M - 22.C--	866	200L
15	63.82	13272	1.56	98000	AM163263_M - 22.C--	866	200L
13	74.49	15491	1.34	98000	AM163271_M - 22.C--	866	200L
12	82.13	17079	1.21	98000	AM163280_M - 22.C--	866	200L
10	98.51	20486	1.01	98000	AM1632100_M - 22.C--	866	200L

SELECTION TABLES - GEARED MOTORS

30 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
994	1.48	288	2.64	13208	AM 0 9 2 0 1.4 M _ _ _ 30.4 A _	292	200L
722	2.04	396	2.56	14541	1.8		
644	2.28	444	2.48	15085	2.2		
574	2.56	499	2.22	15573	2.5		
495	2.97	578	2.49	16429	2.8		
445	3.3	643	1.72	16705	3.2		
399	3.69	718	1.54	17250	3.6		
360	4.09	796	2.06	17650	4.0		
321	4.58	892	1.93	17838	4.5		
290	5.07	988	1.81	18082	5.0		
259	5.69	1108	1.69	17891	5.6		
222	6.63	1291	1.52	16726	6.3		
199	7.4	1442	1.4	16232	7.1		
179	8.22	1602	1.31	16241	8.0		
160	9.19	1790	1.22	15523	9.0		
143	10.27	2000	1.13	15015	10.		
126	11.71	2281	1.03	13615	11.		
115	12.74	2482	0.98	15300	12.		
1019	1.44	281	2.64	17908	AM 1 0 2 0 1.4 M - - 30.4 A	340	200L
730	2.01	392	2.64	19897	1.8		
671	2.19	427	2.64	20397	2.2		
591	2.49	485	2.64	21185	2.5		
491	2.99	583	2.64	22585	2.8		
453	3.24	631	2.49	22917	3.2		
420	3.5	682	2.34	23461	3.6		
352	4.18	814	2.64	24961	4.0		
323	4.55	885	2.64	25250	4.5		
298	4.94	962	2.64	25494	5.0		
274	5.37	1046	2.64	25738	5.6		
219	6.72	1310	2.46	26202	6.3		
202	7.26	1414	2.34	26391	7.1		
185	7.95	1548	2.21	26779	8.0		
171	8.58	1671	2.11	27067	9.0		
139	10.59	2063	1.83	27620	10.		
123	11.98	2335	1.66	27314	11.		
118	12.51	2437	1.64	27502	12.		
104	14.16	2759	1.51	26482	14.		
89	16.43	3201	1.21	26670	16.		
81	18.25	3557	1.09	24993	18.		
76	19.41	3782	1.2	29200	20.		
68	21.57	4203	1.08	27500	22.		
506	2.9	565	3.17	39167	AM 1 3 2 0 2.8 M - - 30.4 A	415	200L
461	3.19	621	3.17	40218	3.2		
404	3.64	709	3.17	41770	3.6		
365	4.03	784	3.17	42998	4.0		
333	4.42	861	3.17	44126	4.5		
292	5.04	982	3.17	44830	5.0		
265	5.54	1079	3.17	45258	5.6		
237	6.21	1210	3.17	45741	6.3		
214	6.88	1340	3.17	46101	7.1		
189	7.78	1516	3.17	46784	8.0		
171	8.62	1679	3.17	47296	9.0		
149	9.89	1927	3.17	47918	10.		
131	11.2	2182	2.79	48513	11.		
119	12.39	2414	2.71	49153	12.		
105	14.03	2734	2.38	49603	14.		
92	15.97	3112	2.05	51707	16.		
82	18	3507	1.82	51868	18.		
73	20	3898	1.69	52289	20.		
65	22.55	4394	1.5	52679	22.		
58	25.45	4960	1.29	53126	25.		
52	28.35	5524	1.16	54972	28.		
46	31.89	6214	1.06	55914	32.		
41	35.52	6921	0.96	58200	36.		
38	39.01	7602	0.89	56700	40.		
86	17.02	3251	3.91	68000	AM142216_ M - 30.A--	581	200L
80	18.30	3495	3.66	68000	AM142218_ M - 30.A--	581	200L
69	21.36	4080	3.19	68000	AM142220_ M - 30.A--	581	200L
62	23.55	4498	2.89	68000	AM142222_ M - 30.A--	581	200L
52	28.24	5394	2.41	68000	AM142228_ M - 30.A--	581	200L
43	33.89	6473	2.01	68000	AM142232_ M - 30.A--	581	200L
40	36.72	7014	1.85	68000	AM142236_ M - 30.A--	581	200L
34	42.95	8203	0.91	68000	AM142245_ M - 30.A--	581	200L
29	50.36	9619	0.83	68000	AM142250_ M - 30.A--	581	200L
24	61.61	11647	1.12	68000	AM143256_ M - 30.A--	618	200L
21	68.46	12942	0.98	68000	AM143263_ M - 30.A--	618	200L
20	74.85	14150	0.92	68000	AM143271_ M - 30.A--	618	200L
54	27.26	5207	3.96	98000	AM162228_ M - 30.A--	862	200L
47	31.41	5999	3.27	98000	AM162232_ M - 30.A--	862	200L
39	37.54	7170	2.32	98000	AM162236_ M - 30.A--	862	200L
33	45.05	8605	1.29	98000	AM162245_ M - 30.A--	862	200L
25	59.38	11226	1.84	98000	AM163256_ M - 30.A--	866	200L
23	63.82	12065	1.72	98000	AM163263_ M - 30.A--	866	200L
20	74.49	14082	1.47	98000	AM163271_ M - 30.A--	866	200L
18	82.13	15527	1.33	98000	AM163280_ M - 30.A--	866	200L
15	98.51	18623	1.11	98000	AM1632100 M - 30.A--	866	200L
12	118.21	22348	0.93	98000	AM1632112 M - 30.A--	866	200L

SELECTION TABLES - GEARED MOTORS

30 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
659	1.48	434	1.75	15000	AM 0 9 2 0 1 . 4 _ M _ _ _ 30 . 6 A _	354	225M
479	2.04	598	1.75	16400	1 . 8		
427	2.28	670	1.65	16900	2 . 2		
381	2.56	752	1.47	17400	2 . 5		
328	2.97	872	1.75	17800	2 . 8		
295	3.3	970	1.14	17600	3 . 2		
264	3.69	1083	1.02	17700	3 . 6		
239	4.09	1201	1.55	18200	4 . 0		
213	4.58	1346	1.44	18400	4 . 5		
192	5.07	1490	1.36	18700	5 . 0		
171	5.69	1670	1.27	18900	5 . 6		
147	6.63	1947	1.14	17100	6 . 3		
132	7.4	2175	1.05	15900	7 . 1		
119	8.22	2416	0.99	15700	8 . 0		
106	9.19	2699	0.92	14100	9 . 0		
95	10.27	3016	0.85	10900	1 0 .		
676	1.44	423	1.75	20300	AM 1 0 2 0 1 . 4 _ M _ _ _ 30 . 6 A	402	225M
484	2.01	592	1.75	22500	1 . 8		
445	2.19	643	1.75	23100	2 . 2		
392	2.49	731	1.75	24000	2 . 5		
326	2.99	879	1.75	25200	2 . 8		
301	3.24	952	1.69	25100	3 . 2		
279	3.5	1028	1.56	25300	3 . 6		
233	4.18	1227	1.75	26000	4 . 0		
215	4.55	1335	1.75	26200	4 . 5		
197	4.94	1450	1.75	26500	5 . 0		
182	5.37	1577	1.75	26800	5 . 6		
145	6.72	1975	1.75	27500	6 . 3		
134	7.26	2133	1.75	27700	7 . 1		
123	7.95	2334	1.66	28100	8 . 0		
114	8.58	2520	1.58	28300	9 . 0		
92	10.59	3110	1.25	28700	1 0 .		
81	11.98	3521	1.1	28900	1 1 .		
78	12.51	3675	1.23	29100	1 2 .		
69	14.16	4160	1.09	27500	1 4 .		
59	16.43	4826	0.8	24100	1 6 .		
336	2.9	853	2.1	44100	AM 1 3 2 0 2 . 8 _ M _ _ _ 30 . 6 A _	477	225M
306	3.19	936	2.1	44533	3 . 2		
268	3.64	1069	2.1	45233	3 . 6		
242	4.03	1182	2.1	45700	4 . 0		
221	4.42	1299	2.1	46200	4 . 5		
193	5.04	1481	2.1	46933	5 . 0		
176	5.54	1627	2.1	47466	5 . 6		
157	6.21	1824	2.1	47933	6 . 3		
142	6.88	2021	2.1	48466	7 . 1		
125	7.78	2285	2.1	49133	8 . 0		
113	8.62	2532	2.1	49566	9 . 0		
99	9.89	2906	2.1	49800	1 0 .		
87	11.2	3290	1.85	50033	1 1 .		
79	12.39	3640	1.8	50400	1 2 .		
69	14.03	4122	1.57	50400	1 4 .		
61	15.97	4692	1.36	55300	1 6 .		
54	18	5288	1.21	56400	1 8 .		
49	20	5877	1.12	57400	2 0 .		
43	22.55	6625	0.99	57900	2 2 .		
38	25.45	7479	0.86	57800	2 5 .		
83	11.80	3364	3.81	63710	AM142211. M - 30.C--	676	225M
75	13.08	3728	3.46	63963	AM142212. M - 30.C--	676	225M
66	14.86	4236	3.07	68000	AM142214. M - 30.C--	676	225M
58	17.02	4851	2.68	68000	AM142216. M - 30.C--	676	225M
54	18.30	5216	2.49	68000	AM142218. M - 30.C--	676	225M
46	21.36	6089	2.14	68000	AM142220. M - 30.C--	676	225M
42	23.55	6713	1.94	68000	AM142222. M - 30.C--	676	225M
35	28.24	8050	1.61	68000	AM142228. M - 30.C--	676	225M
29	33.89	9660	1.35	68000	AM142232. M - 30.C--	676	225M
27	36.72	10467	1.24	68000	AM142236. M - 30.C--	676	225M
48	20.39	5812	3.54	98000	AM162220. M - 30.C--	952	225M
42	23.51	6701	3.07	98000	AM162222. M - 30.C--	952	225M
36	27.26	7770	2.65	98000	AM162228. M - 30.C--	952	225M
31	31.41	8953	2.19	98000	AM162232. M - 30.C--	952	225M
26	37.54	10701	1.55	98000	AM162236. M - 30.C--	952	225M
22	45.05	12841	0.86	98000	AM162245. M - 30.C--	952	225M
17	59.38	16753	1.24	98000	AM163256. M - 30.C--	961	225M
15	63.82	18006	1.15	98000	AM163263. M - 30.C--	961	225M
13	74.49	21016	0.98	98000	AM163271. M - 30.C--	961	225M
12	82.13	23172	0.89	98000	AM163280. M - 30.C--	961	225M

SELECTION TABLES - GEARED MOTORS

37 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
997	1.48	354	2.15	13064	AM 0 9 2 0 1 . 4 M - - - 37 . 4 A -	345	225S
724	2.04	487	2.09	14335	1 . 8		
646	2.28	546	2.02	14858	2 . 2		
576	2.56	613	1.81	15305	2 . 5		
497	2.97	711	2.03	16182	2 . 8		
447	3.3	790	1.4	16376	3 . 2		
400	3.69	883	1.26	16900	3 . 6		
361	4.09	979	1.68	17300	4 . 0		
3%	4.58	1097	1.57	17447	4 . 5		
291	5.07	1215	1.48	17670	5 . 0		
259	5.69	1362	1.37	17335	5 . 6		
223	6.63	1587	1.24	15594	6 . 3		
199	7.4	1773	1.14	14770	7 . 1		
179	8.22	1970	1.07	14635	8 . 0		
161	9.19	2200	1	13505	9 . 0		
144	10.27	2459	0.92	12700	1 0 .		
126	11.71	2803	0.84	10600	1 1 .		
1023	1.44	345	2.15	17764	AM 1 0 2 0 1 . 4 M - - 37 . 4 A	393	225S
732	2.01	482	2.15	19711	1 . 8		
673	2.19	524	2.15	20211	2 . 2		
593	2.49	596	2.15	20958	2 . 5		
493	2.99	716	2.15	22358	2 . 8		
455	3.24	776	2.02	22629	3 . 2		
421	3.5	838	1.91	23152	3 . 6		
353	4.18	1001	2.15	24652	4 . 0		
325	4.55	1088	2.15	24900	4 . 5		
299	4.94	1182	2.15	25123	5 . 0		
275	5.37	1286	2.15	25347	5 . 6		
219	6.72	1610	2	25688	6 . 3		
203	7.26	1739	1.91	25835	7 . 1		
186	7.95	1903	1.8	26182	8 . 0		
172	8.58	2054	1.72	26429	9 . 0		
139	10.59	2535	1.49	26817	1 0 .		
123	11.98	2870	1.35	26141	1 1 .		
118	12.51	2996	1.34	26288	1 2 .		
104	14.16	3392	1.23	24670	1 4 .		
90	16.43	391	0.99	24900	1 6 .		
81	18.25	4372	0.89	22600	1 8 .		
508	2.9	695	2.58	39007	AM 1 3 2 0 2 . 8 M - - 37 . 4 A	468	225S
463	3.19	763	2.58	40041	3 . 2		
405	3.64	871	2.58	41575	3 . 6		
366	4.03	964	2.58	42777	4 . 0		
334	4.42	1059	2.58	43878	4 . 5		
293	5.04	1207	2.58	44546	5 . 0		
266	5.54	1326	2.58	44948	5 . 6		
238	6.21	1487	2.58	45351	6 . 3		
214	6.88	1647	2.58	45622	7 . 1		
190	7.78	1863	2.58	46226	8 . 0		
171	8.62	2064	2.58	46631	9 . 0		
149	9.89	2369	2.58	47041	1 0 .		
132	11.2	2682	2.27	47450	1 1 .		
119	12.39	2968	2.21	47956	1 2 .		
105	14.03	3360	1.93	48168	1 4 .		
92	15.97	3825	1.67	50677	1 6 .		
82	18	431	11.48	50576	1 8 .		
74	20	4791	1.37	50800	2 0 .		
65	22.55	5401	1.22	50962	2 2 .		
58	25.45	6097	1.05	50967	2 5 .		
52	28.35	6791	0.95	52800	2 8 .		
46	31.89	7638	0.86	53400	3 2 .		
99	14.86	3501	3.57	68000	AM142214. M - 37.A--	643	225S
86	17.02	4009	3.17	68000	AM142216. M - 37.A--	643	225S
80	18.30	4311	2.97	68000	AM142218. M - 37.A--	643	225S
69	21.36	5032	2.58	68000	AM142220. M - 37.A--	643	225S
62	23.55	5548	2.34	68000	AM142222. M - 37.A--	643	225S
52	28.24	6652	1.95	68000	AM142228. M - 37.A--	643	225S
43	33.89	7983	1.63	68000	AM142232. M - 37.A--	643	225S
40	36.72	8650	1.50	68000	AM142236. M - 37.A--	643	225S
24	61.61	14365	0.90	68000	AM143256. M - 37.A--	679	225S
21	68.46	15962	0.80	68000	AM143263. M - 37.A--	679	225S
63	23.51	5538	3.72	98000	AM162222. M - 37.A--	919	225S
54	27.26	6422	3.21	98000	AM162228. M - 37.A--	919	225S
47	31.41	7399	2.65	98000	AM162232. M - 37.A--	919	225S
39	37.54	8843	1.88	98000	AM162236. M - 37.A--	919	225S
33	45.05	10612	1.05	98000	AM162245. M - 37.A--	919	225S
25	59.38	13845	1.50	98000	AM163256. M - 37.A--	928	225S
23	63.82	14880	1.39	98000	AM163263. M - 37.A--	928	225S
20	74.49	17368	1.19	98000	AM163271. M - 37.A--	928	225S
18	82.13	19150	1.08	98000	AM163280. M - 37.A--	928	225S
15	98.51	22969	0.90	98000	AM1632100. M - 37.A--	928	225S

37 KW – 6 Pole

[illegible]

45 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
997	1.48	430	1.77	12900	AM 0 9 2 0 1 . 4 _ M _ - _ _ 4 5 . 4 A _	363	225M
724	2.04	593	1.72	14100	1 . 8		
646	2.28	664	1.66	14600	2 . 2		
576	2.56	746	1.49	15000	2 . 5		
497	2.97	865	1.67	15900	2 . 8		
447	3.3	961	1.15	16000	3 . 2		
400	3.69	1074	1.03	16500	3 . 6		
361	4.09	1190	1.38	16900	4 . 0		
322	4.58	1334	1.29	17000	4 . 5		
291	5.07	1477	1.21	17200	5 . 0		
259	5.69	1656	1.13	16700	5 . 6		
223	6.63	1930	1.02	14300	6 . 3		
199	7.4	2157	0.94	13100	7 . 1		
179	8.22	2396	0.88	12800	8 . 0		
161	9.19	2676	0.82	11200	9 . 0		
1023	1.44	420	1.77	17600	AM 1 0 2 0 1 . 4 _ M _ - _ 4 5 . 4 A	411	225M
732	2.01	586	1.77	19500	1 . 8		
673	2.19	638	1.77	20000	2 . 2		
593	2.49	725	1.77	20700	2 . 5		
493	2.99	871	1.77	22100	2 . 8		
455	3.24	944	1.66	22300	3 . 2		
421	3.5	1019	1.57	22800	3 . 6		
353	4.18	1217	1.77	24300	4 . 0		
325	4.55	1324	1.77	24500	4 . 5		
299	4.94	1438	1.77	24700	5 . 0		
275	5.37	1564	1.77	24900	5 . 6		
219	6.72	1959	1.65	25100	6 . 3		
203	7.26	2115	1.57	25200	7 . 1		
186	7.95	2314	1.48	25500	8 . 0		
172	8.58	2499	1.41	25700	9 . 0		
139	10.59	3084	1.23	25900	1 0 .		
123	11.98	3491	1.11	24800	1 1 .		
118	12.51	3644	1.1	24900	1 2 .		
104	14.16	4125	1.01	22600	1 4 .		
508	2.9	846	2.12	38825	AM 1 3 2 0 2 . 8 _ M _ - _ 4 5 . 4 A	486	225M
463	3.19	929	2.12	39839	3 . 2		
405	3.64	1059	2.12	41353	3 . 6		
366	4.03	1172	2.12	42524	4 . 0		
334	4.42	1288	2.12	43594	4 . 5		
293	5.04	1468	2.12	44222	5 . 0		
266	5.54	1613	2.12	44593	5 . 6		
238	6.21	1809	2.12	44906	6 . 3		
214	6.88	2004	2.12	45075	7 . 1		
190	7.78	2266	2.12	45588	8 . 0		
171	8.62	2510	2.12	45872	9 . 0		
149	9.89	2881	2.12	46039	1 0 .		
132	11.2	3262	1.87	46235	1 1 .		
119	12.39	3610	1.82	46589	1 2 .		
105	14.03	4087	1.59	46527	1 4 .		
92	15.97	4652	1.37	49500	1 6 .		
82	18	5244	1.22	49100	1 8 .		
74	20	5828	1.13	49100	2 0 .		
65	22.55	6569	1	49000	2 2 .		
58	25.45	7415	0.87	48500	2 5 .		
125	11.80	3358	3.66	68000	AM142211. M - 45.A--	676	225M
113	13.08	3722	3.33	68000	AM142212. M - 45.A--	676	225M
100	14.86	4229	2.96	68000	AM142214. M - 45.A--	676	225M
87	17.02	4843	2.62	68000	AM142216. M - 45.A--	676	225M
81	18.30	5208	2.46	68000	AM142218. M - 45.A--	676	225M
69	21.36	6078	2.14	68000	AM142220. M - 45.A--	676	225M
63	23.55	6701	1.94	68000	AM142222. M - 45.A--	676	225M
52	28.24	8036	1.62	68000	AM142228. M - 45.A--	676	225M
44	33.89	9644	1.35	68000	AM142232. M - 45.A--	676	225M
40	36.72	10449	1.24	68000	AM142236. M - 45.A--	676	225M
73	20.39	5802	3.55	98000	AM162220. M - 45.A--	952	225M
63	23.51	6690	3.08	98000	AM162222. M - 45.A--	952	225M
54	27.26	7757	2.66	98000	AM162228. M - 45.A--	952	225M
47	31.41	8938	2.19	98000	AM162232. M - 45.A--	952	225M
39	37.54	10683	1.55	98000	AM162236. M - 45.A--	952	225M
33	45.05	12820	0.87	98000	AM162245. M - 45.A--	952	225M
25	59.38	16725	1.24	98000	AM163256. M - 45.A--	961	225M
23	63.82	17976	1.15	98000	AM163263. M - 45.A--	961	225M
20	74.49	20981	0.99	98000	AM163271. M - 45.A--	961	225M
18	82.13	23133	0.89	98000	AM163280. M - 45.A--	961	225M
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N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
337	2.9	1273	1.41	43566	AM 1 3 2 0 2 . 8 _ M _ - _ _ 45 . 6 A _	624	280S
307	3.19	1398	1.41	43955	3 . 2		
269	3.64	1595	1.41	44588	3 . 6		
243	4.03	1764	1.41	44966	4 . 0		
222	4.42	1938	1.41	45400	4 . 5		
194	5.04	2210	1.41	46022	5 . 0		
177	5.54	2428	1.41	46377	5 . 6		
158	6.21	2722	1.41	46488	6 . 3		
142	6.88	3016	1.41	46711	7 . 1		
126	7.78	3411	1.41	47088	8 . 0		
114	8.62	3778	1.41	47144	9 . 0		
99	9.89	4337	1.41	46666	1 0 .		
88	11.2	491	11.24	46255	1 1 .		
79	12.39	5433	1.21	46200	1 2 .		
70	14.03	6152	1.05	45400	1 4 .		
263	3.75	1603	3.33	51482	AM14223.6 M - 45.C--	881	280S
188	5.24	2240	3.33	52500	AM14225.0 M - 45.C--	881	280S
167	5.90	2523	3.33	53756	AM14225.6 M - 45.C--	881	280S
149	6.63	2835	3.33	55470	AM14226.3 M - 45.C--	881	280S
116	8.51	3639	3.16	59017	AM14228.0 M - 45.C--	881	280S
104	9.45	4041	3.04	60130	AM14229.0 M - 45.C--	881	280S
83	11.80	5045	2.54	60931	AM142211. M - 45.C--	881	280S
75	13.08	5593	2.31	61173	AM142212. M - 45.C--	881	280S
66	14.86	6354	2.05	68000	AM142214. M - 45.C--	881	280S
58	17.02	7277	1.79	68000	AM142216. M - 45.C--	881	280S
54	18.30	7825	1.66	68000	AM142218. M - 45.C--	881	280S
46	21.36	9133	1.42	68000	AM142220. M - 45.C--	881	280S
42	23.55	10069	1.29	68000	AM142222. M - 45.C--	881	280S
35	28.24	12075	1.08	68000	AM142228. M - 45.C--	881	280S
29	33.89	14490	0.90	68000	AM142232. M - 45.C--	881	280S
27	36.72	15700	0.83	68000	AM142236. M - 45.C--	881	280S
78	12.67	5417	3.80	98000	AM162212. M - 45.C--	1140	280S
70	14.01	5990	2.99	98000	AM162214. M - 45.C--	1140	280S
61	16.19	6922	2.92	98000	AM162216. M - 45.C--	1140	280S
56	17.49	7478	2.75	98000	AM162218. M - 45.C--	1140	280S
48	20.39	8718	2.36	98000	AM162220. M - 45.C--	1140	280S
42	23.51	10052	2.05	98000	AM162222. M - 45.C--	1140	280S
36	27.26	11656	1.77	98000	AM162228. M - 45.C--	1140	280S
31	31.41	13430	1.46	98000	AM162232. M - 45.C--	1140	280S
26	37.54	16051	1.03	98000	AM162236. M - 45.C--	1140	280S
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55 KW – 4 Pole

[illegible]

SELECTION TABLES - GEARED MOTORS

55 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
337	2.9	1556	1.15	43211	AM 13 2 0 2 . 8 M - 55 . 6 A	663	280M
307	3.19	1709	1.15	43570	3 . 2		
269	3.64	1949	1.15	44159	3 . 6		
243	4.03	2157	1.15	44477	4 . 0		
222	4.42	2369	1.15	44866	4 . 5		
194	5.04	2702	1.15	45414	5 . 0		
177	5.54	2968	1.15	45651	5 . 6		
158	6.21	3327	1.15	45525	6 . 3		
142	6.88	3686	1.15	45540	7 . 1		
126	7.78	4169	1.15	45725	8 . 0		
114	8.62	4618	1.15	45529	9 . 0		
99	9.89	5301	1.15	44577	1 0 .		
88	11.2	6002	1.02	43737	1 1 .		
79	12.39	6640	0.99	43400	1 2 .		
70	14.03	7519	0.86	42066	1 4 .		
263	3.75	1960	2.72	50358	AM14223.6 M -	55.C--	971
188	5.24	2738	2.72	51354	AM14225.0 M -	55.C--	971
167	5.90	3083	2.72	52583	AM14225.6 M -	55.C--	971
149	6.63	3465	2.72	54259	AM14226.3 M -	55.C--	971
116	8.51	4447	2.59	57729	AM14228.0 M -	55.C--	971
104	9.45	4938	2.49	58817	AM14229.0 M -	55.C--	971
83	11.80	6166	2.08	59601	AM142211. M -	55.C--	971
75	13.08	6835	1.89	59838	AM142212. M -	55.C--	971
66	14.86	7766	1.67	68000	AM142214. M -	55.C--	971
58	17.02	8894	1.46	68000	AM142216. M -	55.C--	971
54	18.30	9563	1.36	68000	AM142218. M -	55.C--	971
46	21.36	11162	1.16	68000	AM142220. M -	55.C--	971
42	23.55	12307	1.06	68000	AM142222. M -	55.C--	971
88	11.17	5837	3.51	98000	AM162211. M -	55.C--	1230
78	12.67	6621	3.11	98000	AM162212. M -	55.C--	1230
70	14.01	7321	2.44	98000	AM162214. M -	55.C--	1230
61	16.19	8461	2.39	98000	AM162216. M -	55.C--	1230
56	17.49	9140	2.25	98000	AM162218. M -	55.C--	1230
48	20.39	10655	1.93	98000	AM162220. M -	55.C--	1230
42	23.51	12286	1.68	98000	AM162222. M -	55.C--	1230
36	27.26	14246	1.45	98000	AM162228. M -	55.C--	1230
31	31.41	16414	1.19	98000	AM162232. M -	55.C--	1230
26	37.54	19618	0.85	98000	AM162236. M -	55.C--	1230

SELECTION TABLES - GEARED MOTORS
75 KW – 4 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
510	2.9	1405	1.28	38141	AM 1 3 2 0 2 . 8 _ M _ _ _ 75 . 4 A _	672	280S
464	3.19	1543	1.28	39079	3 . 2		
407	3.64	1760	1.28	40517	3 . 6		
368	4.03	1947	1.28	41574	4 . 0		
335	4.42	2139	1.28	42531	4 . 5		
294	5.04	2440	1.28	43007	5 . 0		
267	5.54	2680	1.28	43264	5 . 6		
238	6.21	3004	1.28	43235	6 . 3		
215	6.88	3329	1.28	43025	7 . 1		
190	7.78	3764	1.28	43196	8 . 0		
172	8.62	4170	1.28	43024	9 . 0		
150	9.89	4786	1.28	42279	1 0 .		
132	11.2	5419	1.13	41678	1 1 .		
119	12.39	5996	1.09	41463	1 2 .		
105	14.03	6789	0.96	40375	1 4 .		
395	3.75	1779	3.00	68000	AM14223.6 M -75.A--	881	280S
282	5.24	2485	3.00	68000	AM14225.0 M -75.A--	881	280S
251	5.90	2798	3.00	68000	AM14225.6 M -75.A--	881	280S
223	6.63	3144	3.00	68000	AM14226.3 M -75.A--	881	280S
174	8.51	4036	2.77	68000	AM14228.0 M -75.A--	881	280S
157	9.45	4482	2.61	68000	AM14229.0 M -75.A--	881	280S
125	11.80	5596	2.20	68000	AM142211. M -75.A--	881	280S
113	13.08	6203	2.00	68000	AM142212. M -75.A--	881	280S
100	14.86	7048	1.77	68000	AM142214. M -75.A--	881	280S
87	17.02	8072	1.57	68000	AM142216. M -75.A--	881	280S
81	18.30	8679	1.47	68000	AM142218. M -75.A--	881	280S
69	21.36	10130	1.28	68000	AM142220. M -75.A--	881	280S
132	11.17	5298	3.87	98000	AM162211. M -75.A--	1140	280S
117	12.67	6009	3.43	98000	AM162212. M -75.A--	1140	280S
106	14.01	6645	2.69	98000	AM162214. M -75.A--	1140	280S
91	16.19	7678	2.63	98000	AM162216. M -75.A--	1140	280S
85	17.49	8295	2.48	98000	AM162218. M -75.A--	1140	280S
73	20.39	9670	2.13	98000	AM162220. M -75.A--	1140	280S
63	23.51	11150	1.85	98000	AM162222. M -75.A--	1140	280S
54	27.26	12929	1.59	98000	AM162228. M -75.A--	1140	280S
47	31.41	14897	1.32	98000	AM162232. M -75.A--	1140	280S
39	37.54	17804	0.93	98000	AM162236. M -75.A--	1140	280S

75 KW – 6 Pole

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Frame Size
120	8.19	5836	3.41	98000	M16228.0 M -75.C--	1400	315S
105	9.35	6663	3.03	98000	M16229.0 M -75.C--	1400	315S
88	11.17	7960	2.58	98000	M162211. M -75.C--	1400	315S
78	12.67	9029	2.28	98000	M162212. M -75.C--	1400	315S
70	14.01	9984	1.79	98000	M162214. M -75.C--	1400	315S
61	16.19	11537	1.75	98000	M162216. M -75.C--	1400	315S
56	17.49	12464	1.65	98000	M162218. M -75.C--	1400	315S
48	20.39	14530	1.42	98000	M162220. M -75.C--	1400	315S
42	23.51	16754	1.23	98000	M162222. M -75.C--	1400	315S
36	27.26	19426	1.06	98000	M162228. M -75.C--	1400	315S
31	31.41	22383	0.88	98000	M162232. M -75.C--	1400	315S

SELECTION TABLES - GEARED MOTORS

90 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
395	3.75	2134	2.50	66701	AM14223.6 M - 90.A--	971	280M
282	5.24	2982	2.50	68000	AM14225.0 M - 90.A--	971	280M
251	5.90	3358	2.50	68000	AM14225.6 M - 90.A--	971	280M
223	6.63	3773	2.50	68000	AM14226.3 M - 90.A--	971	280M
174	8.51	4843	2.31	68000	AM14228.0 M - 90.A--	971	280M
157	9.45	5378	2.18	68000	AM14229.0 M - 90.A--	971	280M
158	9.35	5321	3.80	98000	AM16229.0 M - 90.A--	1230	280M
132	11.17	6357	3.22	98000	AM162211. M - 90.A--	1230	280M
117	12.67	7211	2.86	98000	AM162212. M - 90.A--	1230	280M
106	14.01	7973	2.24	98000	AM162214. M - 90.A--	1230	280M
91	16.19	9214	2.19	98000	AM162216. M - 90.A--	1230	280M
85	17.49	9954	2.07	98000	AM162218. M - 90.A--	1230	280M
73	20.39	11605	1.78	98000	AM162220. M - 90.A--	1230	280M
63	23.51	13380	1.54	98000	AM162222. M - 90.A--	1230	280M
54	27.26	15514	1.33	98000	AM162228. M - 90.A--	1230	280M
47	31.41	17876	1.10	98000	AM162232. M - 90.A--	1230	280M

90 KW 6 Pole

157	6.26	5353	3.64	98000	AM16226.3 M - 90.C--	1440	315M
120	8.19	7004	2.84	98000	AM16228.0 M - 90.C--	1440	315M
105	9.35	7996	2.53	98000	AM16229.0 M - 90.C--	1440	315M
88	11.17	9552	2.15	98000	AM162211. M - 90.C--	1440	315M
78	12.67	10835	1.90	98000	AM162212. M - 90.C--	1440	315M
70	14.01	11980	1.49	98000	AM162214. M - 90.C--	1440	315M
61	16.19	13845	1.46	98000	AM162216. M - 90.C--	1440	315M
56	17.49	14956	1.38	98000	AM162218. M - 90.C--	1440	315M
48	20.39	17436	1.18	98000	AM162220. M - 90.C--	1440	315M
42	23.51	20104	1.02	98000	AM162222. M - 90.C--	1440	315M
36	27.26	23311	0.88	98000	AM162228. M - 90.C--	1440	315M

110 KW 4 Pole

181	8.19	5697	3.49	98000	AM16228.0 M - 110A--	1400	315S
158	9.35	6504	3.11	98000	AM16229.0 M - 110A--	1400	315S
132	11.17	7770	2.64	98000	AM162211. M - 110A--	1400	315S
117	12.67	8813	2.34	98000	AM162212. M - 110A--	1400	315S
106	14.01	9745	1.84	98000	AM162214. M - 110A--	1400	315S
91	16.19	11262	1.79	98000	AM162216. M - 110A--	1400	315S
85	17.49	12166	1.69	98000	AM162218. M - 110A--	1400	315S
73	20.39	14183	1.45	98000	AM162220. M - 110A--	1400	315S
63	23.51	16354	1.26	98000	AM162222. M - 110A--	1400	315S
54	27.26	18962	1.09	98000	AM162228. M - 110A--	1400	315S
47	31.41	21849	0.90	98000	AM162232. M - 110A--	1400	315S

110 KW 6 Pole

199	4.95	5174	3.71	98000	M16225.0 M - 110C--	1440	315M
184	5.35	5595	3.47	98000	M16225.6 M - 110C--	1440	315M
157	6.26	6540	2.98	98000	M16226.3 M - 110C--	1440	315M
120	8.19	8560	2.32	98000	M16228.0 M - 110C--	1440	315M
105	9.35	9772	2.07	98000	M16229.0 M - 110C--	1440	315M
88	11.17	11675	1.76	98000	M162211. M - 110C--	1440	315M
78	12.67	13242	1.56	98000	M162212. M - 110C--	1440	315M
70	14.01	14643	1.22	98000	M162214. M - 110C--	1440	315M
61	16.19	16921	1.19	98000	M162216. M - 110C--	1440	315M
56	17.49	18280	1.13	98000	M162218. M - 110C--	1440	315M
48	20.39	21311	0.97	98000	M162220. M - 110C--	1440	315M
42	23.51	24572	0.84	98000	M162222. M - 110C--	1440	315M

RATING AT 2900 REV/MIN INPUT

DOUBLE REDUCTION

■ INPUT mechanical rating exceeds thermal capacity, check thermal power page at page 28

NOMINAL RATIO	NOMINAL Output Speed REV/ MIN	CAPACITY	SIZES OF UNIT							
			AM03 20	AM0420	AM0620	AM0720	AM0820	AM0920	AM1020	AM1320
1.4	2071.43	Input kW	6.07	9.51	17.00	26.10	41.30	96.10	156.00	
		Output Torque Nm	28	44	78	120	189	452	719	
1.8	1611.11	Input kW	5.84	9.10	16.10	26.10	41.30	82.20	156.00	
		Output Torque Nm	36	59	105	168	270	534	1010	
2.2	1318.18	Input kW	5.31	8.91	15.70	26.10	41.30	77.50	156.00	
		Output Torque Nm	38	64	114	189	301	565	1100	
2.5	1160.00	Input kW	4.93	8.32	15.20	26.10	40.60	72.90	147.00	
		Output Torque Nm	40	68	124	208	329	596	1170	
2.8	1035.71	Input kW	5.54	8.74	16.70	26.10	41.30	96.10	156.00	195.00
		Output Torque Nm	52	78	149	239	380	909	1490	1810
3.2	906.25	Input kW	4.01	7.43	14.00	23.80	34.90	63.60	126.00	195.00
		Output Torque Nm	41	77	146	248	367	671	1310	1980
3.6	805.56	Input kW	3.84	7.33	13.30	22.00	32.50	58.60	118.00	195.00
		Output Torque Nm	43	87	157	260	383	692	1330	2250
4.0	725.00	Input kW	4.75	7.28	14.00	26.10	41.30	82.20	156.00	195.00
		Output Torque Nm	60	92	176	332	542	1070	2090	2510
4.5	644.44	Input kW	4.44	6.90	13.10	26.10	41.30	77.50	152.00	195.00
		Output Torque Nm	64	96	185	374	603	1130	2200	2760
5.0	580.00	Input kW	4.08	6.25	12.10	24.90	41.30	82.20	144.00	195.00
		Output Torque Nm	66	100	194	403	673	1330	2260	3130
5.6	517.86	Input kW	3.80	5.90	11.40	23.30	41.30	77.50	137.00	195.00
		Output Torque Nm	70	104	204	424	748	1410	2340	3440
6.3	460.32	Input kW	3.59	5.59	10.70	21.80	34.90	63.60	119.00	195.00
		Output Torque Nm	75	112	216	449	736	1350	2550	3880
7.1	408.45	Input kW	3.33	5.17	9.94	20.20	32.50	58.60	113.00	195.00
		Output Torque Nm	75	118	227	474	768	1390	2620	4300
8.0	362.50	Input kW	2.82	4.76	9.24	18.80	34.90	63.60	107.00	195.00
		Output Torque Nm	75	121	237	493	912	1670	2700	4840
9.0	322.22	Input kW	2.64	4.39	8.56	17.40	32.50	58.60	102.00	186.00
		Output Torque Nm	75	127	249	519	952	1720	2780	5110
10.0	290.00	Input kW	2.33	4.27	8.21	17.00	25.80	47.40	88.30	173.00
		Output Torque Nm	75	132	258	530	844	1560	2990	5470
11.0	263.64	Input kW	2.04	3.95	7.48	15.60	23.30	43.10	81.40	165.00
		Output Torque Nm	75	139	273	560	888	1610	3120	5900
12.0	241.67	Input kW	1.85	3.62	7.05	14.60	25.80	47.40	79.10	136.00
		Output Torque Nm	76	142	281	579	1050	1930	3160	5370
14.0	207.14	Input kW	1.62	3.34	6.41	13.40	23.30	43.10	72.90	131.00
		Output Torque Nm	76	149	298	611	1100	2000	3290	5880
16.0	181.25	Input kW	1.51	2.94	5.81	12.40	18.30	32.90	65.90	119.00
		Output Torque Nm	75	149	300	636	954	1750	3460	6070
18.0	161.11	Input kW	1.29	2.75	5.51	11.20	16.60	29.90	60.40	108.00
		Output Torque Nm	75	151	304	652	976	1760	3520	6200
20.0	145.00	Input kW	1.20	2.48	4.97	10.60	18.30	32.90	58.90	94.10
		Output Torque Nm	76	159	326	693	1180	2160	3650	5980
22.0	131.82	Input kW	1.03	2.32	4.72	9.60	16.60	29.90	54.90	88.60
		Output Torque Nm	76	162	330	709	1210	2190	3770	6350
25.0	116.00	Input kW	0.93	2.08	4.07	8.60	12.20	22.60	45.20	76.70
		Output Torque Nm	75	164	327	689	1020	1880	3760	6200
28.0	103.57	Input kW	0.83	1.90	3.79	7.97	11.40	20.70	39.50	68.90
		Output Torque Nm	75	168	334	699	1040	1900	3770	6200
32.0	90.63	Input kW	0.74	1.75	3.47	7.10	12.20	22.60	43.10	62.90
		Output Torque Nm	76	175	355	723	1260	2330	4220	6350

36.0	80.56	Input kW	0.67	1.59	3.24	6.49	11.40	20.70	39.10	56.60	
		Output Torque Nm	76	180	363	724	1290	2350	4410	6350	
40.0	72.50	Input kW	0.47	1.44	2.84	5.76	9.57	19.30	35.30	49.40	
		Output Torque Nm	57	180	349	715	1240	2460	4160	6090	
45.0	64.44	Input kW	0.42	1.28	2.60	5.28	8.79	17.40	30.70	45.00	
		Output Torque Nm	57	180	350	717	1250	2470	4160	6160	
50.0	58.00	Input kW	0.46	1.21	2.48	4.31	8.79	15.60	27.90	36.70	
		Output Torque Nm	72	180	379	662	1330	2430	4250	5660	
56.0	51.79	Input kW	0.39	1.04	1.58	3.19	7.72	12.10	23.70	36.70	
		Output Torque Nm	70	180	275	570	1340	2100	4160	6020	
63.0	46.03	Input kW	0.30	0.97	1.97	3.83	6.75	12.70	22.70	33.80	
		Output Torque Nm	56	180	361	718	1290	2470	4160	6360	
71.0	40.85	Input kW	0.26	0.86	1.58	3.19	5.96	11.30	21.20	32.00	
		Output Torque Nm	56	180	324	662	1300	2470	4160	6400	

RATING AT 2900 REV/MIN INPUT

TRIPLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power page at page 28

NOMINAL RATIO	NOMINAL Output Speed REV/ MIN	CAPACITY	SIZES OF UNIT								
			AM0330	AM0430	AM0630	AM0730	AM0830	AM0930	AM1030	AM1330	
36.0	80.56	Input kW	0.67	1.59	2.78	6.04					
		Output Torque Nm	75	176	310	675					
40.0	72.50	Input kW	0.59	1.42	2.56	5.46				35.00	
		Output Torque Nm	75	180	324	710				4380	
45.0	64.44	Input kW	0.54	1.28	2.68	5.10				38.90	
		Output Torque Nm	76	180	380	724				5360	
50.0	58.00	Input kW	0.47	1.12	2.42	4.38				35.00	
		Output Torque Nm	76	180	391	724				5460	
56.0	51.79	Input kW	0.43	1.06	1.94	3.95	6.86	11.20	17.90	29.60	
		Output Torque Nm	75	180	354	725	1270	2100	3380	5270	
63.0	46.03	Input kW	0.37	0.90	1.81	3.70	6.30	10.40	16.60	26.80	
		Output Torque Nm	75	180	359	725	1320	2170	3490	5380	
71.0	40.85	Input kW	0.35	0.83	1.69	3.10	6.13	10.10	16.40	26.60	
		Output Torque Nm	76	180	392	724	1410	2350	3640	5920	
80.0	36.25	Input kW	0.30	0.71	1.55	2.91	5.43	9.38	15.20	24.10	
		Output Torque Nm	76	180	392	724	1410	2420	3760	6060	
90.0	32.22	Input kW	0.26	0.65	1.33	2.53	4.74	8.15	12.60	20.90	
		Output Torque Nm	75	180	379	725	1400	2400	3770	5930	
100.0	29.00	Input kW	0.24	0.58	1.21	2.31	4.32	7.60	10.90	19.20	
		Output Torque Nm	75	180	389	725	1400	2480	3770	6050	
112.0	25.89	Input kW	0.21	0.51	1.08	1.99	3.85	7.36	11.80	18.00	
		Output Torque Nm	76	180	392	724	1410	2690	4180	6350	
125.0	23.20	Input kW	0.19	0.46	0.96	1.82	3.50	6.86	10.70	16.10	
		Output Torque Nm	76	180	392	725	1410	2770	4360	6350	
140.0	20.71	Input kW	0.13	0.41	0.81	1.60	2.89	5.46	9.82	15.00	
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	
160.0	18.13	Input kW	0.12	0.37	0.72	1.46	2.63	4.94	8.53	13.50	
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	
180.0	16.11	Input kW	0.14	0.33	0.73	1.33	2.62	5.15	8.03	11.70	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	

200.0	14.50	Input kW	0.12	0.29	0.64	1.19	2.28	4.59	7.48	11.00	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
225.0	12.89	Input kW	0.08	0.27	0.54	1.07	1.96	3.59	6.31	9.80	
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	
250.0	11.60	Input kW	0.07	0.24	0.48	0.95	1.71	3.20	5.88	9.21	
		Output Torque Nm	55	180	351	707	1330	2470	4160	6460	

RATING AT 1450 REV/MIN INPUT

DOUBLE REDUCTION

Input mechanical rating exceeds thermal capacity, check thermal power at page 28

NOMINAL RATIO	NOMINAL Output Speed REV/ MIN	CAPACITY	SIZES OF UNIT							
			AM0320	AM0420	AM0620	AM0720	AM0820	AM0920	AM1020	AM1320
1.4	1035.71	Input kW	3.59	5.27	10.70	13.10	20.70	60.60	78.20	
		Output Torque Nm	33	49	99	121	191	574	722	
1.8	805.56	Input kW	2.95	5.27	10.10	13.10	20.70	51.80	78.20	
		Output Torque Nm	37	69	132	169	272	677	1010	
2.2	659.09	Input kW	2.65	5.27	9.86	13.10	20.70	48.80	78.20	
		Output Torque Nm	38	76	144	190	302	716	1100	
2.5	580.00	Input kW	2.46	5.23	9.54	13.10	20.70	45.90	78.20	
		Output Torque Nm	40	86	157	209	337	756	1250	
2.8	517.86	Input kW	3.48	5.27	10.40	13.10	20.70	60.60	78.20	97.40
		Output Torque Nm	66	95	188	240	383	1150	1490	1810
3.2	453.13	Input kW	2.00	4.34	8.79	13.10	20.70	40.00	75.20	97.40
		Output Torque Nm	41	90	184	273	436	850	1570	1990
3.6	402.78	Input kW	1.92	3.99	8.25	13.10	20.50	36.90	69.70	97.40
		Output Torque Nm	43	94	195	310	485	876	1570	2260
4.0	362.50	Input kW	2.95	4.57	8.75	13.10	20.70	51.80	78.20	97.40
		Output Torque Nm	75	115	222	334	545	1360	2090	2510
4.5	322.22	Input kW	2.60	4.33	8.22	13.10	20.70	48.80	78.20	97.40
		Output Torque Nm	75	121	233	375	606	1440	2280	2760
5.0	290.00	Input kW	2.34	3.92	7.60	13.10	20.70	51.80	78.20	97.40
		Output Torque Nm	76	126	245	425	676	1680	2470	3140
5.6	258.93	Input kW	2.06	3.70	7.13	13.10	20.70	48.80	78.20	97.40
		Output Torque Nm	76	131	257	477	751	1780	2690	3450
6.3	230.16	Input kW	1.79	3.43	6.72	13.10	20.70	40.00	72.90	97.40
		Output Torque Nm	75	138	272	540	873	1700	3140	3880
7.1	204.23	Input kW	1.66	3.10	6.16	12.70	20.50	36.90	69.50	97.40
		Output Torque Nm	75	141	283	597	972	1760	3230	4300
8.0	181.25	Input kW	1.43	2.92	5.80	11.80	20.70	39.50	65.50	97.40
		Output Torque Nm	76	149	298	621	1080	2080	3330	4840
9.0	161.11	Input kW	1.32	2.63	5.30	10.90	20.50	36.80	62.40	97.40
		Output Torque Nm	76	153	310	654	1200	2170	3420	5360
10.0	145.00	Input kW	1.16	2.43	4.80	10.20	16.30	29.80	54.20	97.40
		Output Torque Nm	75	151	303	642	1070	1970	3680	6170
11.0	131.82	Input kW	1.02	2.21	4.26	9.18	14.70	27.10	49.10	82.70
		Output Torque Nm	75	156	312	661	1120	2040	3770	5940
12.0	120.83	Input kW	0.93	2.06	4.12	8.80	16.30	29.60	48.60	80.30
		Output Torque Nm	76	162	330	702	1320	2420	3890	6350
14.0	103.57	Input kW	0.81	1.87	3.66	7.88	14.70	27.10	44.80	70.30
		Output Torque Nm	76	168	341	722	1390	2530	4050	6290
16.0	90.63	Input kW	0.75	1.53	3.29	6.94	10.50	20.70	35.90	60.80
		Output Torque Nm	75	155	340	715	1100	2210	3770	6200
18.0	80.56	Input kW	0.65	1.52	3.13	6.23	9.13	18.90	32.30	53.90
		Output Torque Nm	75	167	346	725	1080	2230	3770	6200
20.0	72.50	Input kW	0.60	1.39	2.82	5.53	10.50	20.70	35.60	49.90
		Output Torque Nm	76	180	371	724	1360	2730	4410	6350
22.0	65.91	Input kW	0.51	1.28	2.68	4.89	9.13	18.90	32.00	44.30
		Output Torque Nm	76	180	376	724	1340	2760	4410	6350
25.0	58.00	Input kW	0.46	1.14	2.35	4.52	7.26	14.20	22.70	38.30
		Output Torque Nm	75	180	378	725	1210	2370	3770	6200
28.0	51.79	Input kW	0.42	1.01	2.19	4.13	6.30	13.00	19.70	34.40

		Output Torque Nm	75	180	386	725	1150	2400	3770	6200	
32.0	45.31	Input kW	0.37	0.89	1.91	3.55	6.81	13.80	22.50	31.40	
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	
36.0	40.28	Input kW	0.33	0.80	1.75	3.24	6.20	12.50	19.50	28.30	
		Output Torque Nm	76	180	392	724	1410	2860	4410	6350	
40.0	36.25	Input kW	0.23	0.72	1.42	2.87	5.10	9.62	17.60	26.20	
		Output Torque Nm	56	180	349	715	1320	2470	4160	6460	
45.0	32.22	Input kW	0.20	0.64	1.30	2.64	4.65	8.71	15.30	23.60	
		Output Torque Nm	56	180	350	717	1320	2470	4160	6460	
50.0	29.00	Input kW	0.23	0.60	1.24	2.16	4.64	9.14	14.00	18.40	
		Output Torque Nm	72	180	379	663	1410	2860	4260	5660	
56.0	25.89	Input kW	0.19	0.52	0.79	1.59	4.04	5.71	11.80	18.40	
		Output Torque Nm	70	176	275	570	1410	2000	4160	6030	
63.0	23.02	Input kW	0.15	0.49	0.98	1.92	3.47	6.35	11.40	17.20	
		Output Torque Nm	55	180	361	718	1330	2470	4160	6460	
71.0	20.42	Input kW	0.13	0.43	0.79	1.59	3.03	5.66	10.60	16.10	
		Output Torque Nm	55	180	324	663	1330	2470	4160	6460	

RATINGS AT 1450 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL Output Speed REV/ MIN	CAPACITY	SIZES OF UNIT								
			AM0330	AM0430	AM0630	AM0730	AM0830	AM0930	AM1030	AM1330	
36.0	40.28	Input kW	0.33	0.81	1.63	3.23					
		Output Torque Nm	75	180	365	725					
40.0	36.25	Input kW	0.29	0.71	1.46	2.78				21.90	
		Output Torque Nm	75	180	372	725				5530	
45.0	32.22	Input kW	0.27	0.64	1.38	2.54				22.20	
		Output Torque Nm	76	180	392	724				6170	
50.0	29.00	Input kW	0.23	0.56	1.21	2.18				20.10	
		Output Torque Nm	76	180	392	724				6310	
56.0	25.89	Input kW	0.22	0.53	1.07	1.97	3.76	6.84	9.94	17.30	
		Output Torque Nm	75	180	393	725	1400	2590	3770	6190	
63.0	23.02	Input kW	0.18	0.45	0.99	1.84	3.33	6.29	8.95	15.30	
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	
71.0	20.42	Input kW	0.17	0.41	0.84	1.55	3.05	6.10	9.85	14.20	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
80.0	18.13	Input kW	0.15	0.35	0.78	1.45	2.70	5.49	8.87	12.60	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
90.0	16.11	Input kW	0.13	0.32	0.69	1.26	2.36	4.46	6.27	10.90	
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	

100.0	14.50	Input kW	0.12	0.29	0.61	1.15	2.15	4.04	5.45	9.79	
		Output Torque Nm	75	180	393	725	1400	2640	3770	6200	
112.0	12.95	Input kW	0.10	0.25	0.54	0.99	1.91	3.89	6.22	8.95	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
125.0	11.60	Input kW	0.09	0.23	0.48	0.91	1.74	3.52	5.40	8.04	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
140.0	10.36	Input kW	0.06	0.20	0.40	0.80	1.44	2.71	4.89	7.47	
		Output Torque Nm	54	180	351	707	1330	2470	4160	6460	
160.0	9.06	Input kW	0.06	0.18	0.36	0.73	1.31	2.46	4.25	6.71	
		Output Torque Nm	54	180	351	707	1330	2470	4170	6460	
180.0	8.06	Input kW	0.07	0.17	0.36	0.67	1.30	2.57	4.00	5.86	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
200.0	7.25	Input kW	0.06	0.15	0.32	0.60	1.14	2.29	3.73	5.50	
		Output Torque Nm	76	180	392	725	1410	2860	4410	6350	
225.0	6.44	Input kW	0.05	0.13	0.27	0.53	0.98	1.79	3.15	4.89	
		Output Torque Nm	58	180	351	707	1330	2470	4170	6460	
250.0	5.80	Input kW	0.04	0.12	0.24	0.48	0.85	1.59	2.93	4.59	
		Output Torque Nm	60	180	351	707	1330	2470	4170	6460	

RATING AT 960 REV/MIN INPUT

DOUBLE REDUCTION

NOMINAL RATIO	NOMINAL Output Speed REV/ MIN	CAPACITY	SIZES OF UNIT								
			AM0320	AM0420	AM0620	AM0720	AM0820	AM0920	AM1020	AM1320	
1.4	685.71	Input kW	2.38	3.49	8.09	8.65	13.70	46.00	51.80		
		Output Torque	33	49	113	122	191	661	722		
1.8	533.33	Input kW	1.95	3.49	7.68	8.65	13.70	39.30	51.80		
		Output Torque	37	69	152	169	273	779	1010		
2.2	436.36	Input kW	1.75	3.49	7.47	8.65	13.70	37.10	51.80		
		Output Torque	38	76	165	190	303	824	1100		
2.5	384.00	Input kW	1.63	3.49	6.74	8.65	13.70	34.90	51.80		
		Output Torque	40	87	168	209	337	869	1250		
2.8	342.86	Input kW	2.47	3.49	7.92	8.65	13.70	46.00	51.80	64.50	
		Output Torque	70	95	216	241	384	1320	1500	1810	
3.2	300.00	Input kW	1.33	2.87	6.25	8.65	13.70	30.40	49.80	64.50	
		Output Torque	41	91	198	273	437	978	1570	1990	
3.6	266.67	Input kW	1.27	2.64	5.81	8.65	13.70	28.10	46.10	64.50	
		Output Torque	43	94	208	311	490	1010	1570	2260	
4.0	240.00	Input kW	1.95	3.42	6.64	8.65	13.70	39.30	51.80	64.50	
		Output Torque	75	131	254	334	546	1560	2090	2510	
4.5	213.33	Input kW	1.72	3.18	6.23	8.65	13.70	37.10	51.80	64.50	
		Output Torque	75	134	268	376	607	1650	2280	2760	
5.0	192.00	Input kW	1.55	2.93	5.76	8.65	13.70	39.30	51.80	64.50	
		Output Torque	76	142	281	425	677	1930	2470	3140	
5.6	171.43	Input kW	1.37	2.72	5.40	8.65	13.70	37.10	51.80	64.50	
		Output Torque	76	146	295	478	753	2040	2690	3450	
6.3	152.38	Input kW	1.19	2.42	4.78	8.65	13.70	30.40	51.80	64.50	
		Output Torque	75	147	292	540	875	1960	3370	3880	
7.1	135.21	Input kW	1.10	2.20	4.34	8.65	13.70	28.10	51.80	64.50	
		Output Torque	75	152	301	614	982	2020	3640	4300	
8.0	120.00	Input kW	0.94	2.06	4.12	8.64	13.70	29.60	49.00	64.50	
		Output Torque	76	159	321	686	1080	2360	3760	4840	
9.0	106.67	Input kW	0.88	1.87	3.73	7.81	13.70	27.50	46.70	64.50	
		Output Torque	76	164	330	705	1220	2450	3870	5370	
10.0	96.00	Input kW	0.77	1.75	3.44	7.14	12.40	22.70	36.80	64.50	
		Output Torque	75	165	327	676	1230	2260	3770	6180	

11.0	87.27	Input kW	0.67	1.60	3.08	6.56	11.20	20.60	32.50	54.70	
		Output Torque	75	170	341	714	1290	2340	3770	5940	
12.0	80.00	Input kW	0.61	1.49	2.95	6.01	11.40	22.20	36.40	53.20	
		Output Torque	76	177	358	724	1400	2740	4400	6350	
14.0	68.57	Input kW	0.54	1.33	2.64	5.23	9.82	20.30	32.20	46.50	
		Output Torque	76	180	372	724	1400	2860	4410	6290	
16.0	60.00	Input kW	0.50	1.02	2.38	4.66	6.95	15.70	23.70	40.20	
		Output Torque	75	155	371	725	1100	2530	3770	6200	
18.0	53.33	Input kW	0.43	1.01	2.26	4.12	6.04	14.30	21.40	35.70	
		Output Torque	75	167	377	725	1080	2560	3770	6200	
20.0	48.00	Input kW	0.40	0.92	1.97	3.66	6.95	14.30	23.50	33.00	
		Output Torque	76	180	392	724	1360	2860	4410	6350	
22.0	43.64	Input kW	0.34	0.85	1.85	3.24	6.04	12.90	21.20	29.30	
		Output Torque	76	180	392	724	1340	2860	4410	6350	
25.0	38.40	Input kW	0.31	0.75	1.62	2.99	4.81	10.50	15.00	25.40	
		Output Torque	75	180	393	725	1210	2640	3770	6200	
28.0	34.29	Input kW	0.28	0.67	1.48	2.73	4.17	9.51	13.00	22.80	
		Output Torque	75	180	393	725	1150	2640	3770	6200	
32.0	30.00	Input kW	0.24	0.59	1.27	2.35	4.51	9.16	14.90	20.80	
		Output Torque	76	180	392	724	1410	2860	4410	6350	
36.0	26.67	Input kW	0.22	0.53	1.16	2.15	4.11	8.30	12.90	18.70	
		Output Torque	76	180	392	724	1410	2860	4410	6350	
40.0	24.00	Input kW	0.15	0.48	0.94	1.90	3.37	6.37	11.70	17.40	
		Output Torque	55	180	349	715	1330	2470	4160	6460	
45.0	21.33	Input kW	0.13	0.42	0.86	1.74	3.07	5.77	10.10	15.60	
		Output Torque	55	180	350	717	1330	2470	4160	6460	
50.0	19.20	Input kW	0.15	0.40	0.82	1.43	3.07	6.05	9.25	12.20	
		Output Torque	72	180	379	663	1410	2860	4260	5660	
56.0	17.14	Input kW	0.13	0.34	0.52	1.06	2.68	3.67	7.84	12.20	
		Output Torque	70	176	275	570	1410	2000	4160	6030	
63.0	15.24	Input kW	0.10	0.32	0.65	1.27	2.30	4.21	7.52	11.40	
		Output Torque	55	180	361	718	1330	2470	4160	6460	
71.0	13.52	Input kW	0.09	0.28	0.52	1.06	2.00	3.67	7.02	10.70	
		Output Torque	55	180	324	663	1330	2420	4160	6460	

RATING AT 960 REV/MIN INPUT

TRIPLE REDUCTION

NOMINAL RATIO	NOMINAL Output Speed REV/ MIN	CAPACITY	SIZES OF UNIT							
			AM0330	AM0430	AM0630	AM0730	AM0830	AM0930	AM1030	AM1330
36.0	26.67	Input kW	0.22	0.54	1.16	2.14				
		Output Torque NM	75	180	393	725				
40.0	24.00	Input kW	0.19	0.47	1.02	1.84				15.60
		Output Torque NM	75	180	393	725				5940
45.0	21.33	Input kW	0.17	0.42	0.91	1.68				15.10
		Output Torque NM	76	180	392	725				6350
50.0	19.20	Input kW	0.15	0.37	0.80	1.44				13.40
		Output Torque NM	76	180	392	725				6350
56.0	17.14	Input kW	0.14	0.35	0.71	1.30	2.48	4.62	6.57	11.40
		Output Torque NM	75	180	393	725	1400	2640	3770	6200
63.0	15.24	Input kW	0.12	0.30	0.65	1.22	2.20	4.16	5.91	10.10
		Output Torque NM	75	180	393	725	1400	2640	3770	6200
71.0	13.52	Input kW	0.11	0.27	0.56	1.02	2.01	4.03	6.51	9.39
		Output Torque NM	76	180	392	725	1410	2860	4410	6350
80.0	12.00	Input kW	0.10	0.23	0.51	0.96	1.79	3.63	5.86	8.33
		Output Torque NM	76	180	392	725	1410	2860	4410	6350
90.0	10.67	Input kW	0.09	0.21	0.46	0.83	1.56	2.95	4.15	7.21
		Output Torque NM	75	180	393	725	1400	2640	3770	6200

100.0	9.60	Input kW	0.08	0.19	0.41	0.76	1.42	2.67	3.60	6.48	
		Output Torque NM	75	180	393	725	1400	2640	3770	6200	
112.0	8.57	Input kW	0.07	0.17	0.36	0.66	1.27	2.57	4.11	5.92	
		Output Torque NM	76	180	392	725	1410	2860	4410	6350	
125.0	7.68	Input kW	0.06	0.15	0.32	0.60	1.15	2.33	3.57	5.32	
		Output Torque NM	76	180	392	725	1410	2860	4410	6350	
140.0	6.86	Input kW	0.05	0.14	0.27	0.53	0.95	1.79	3.23	4.94	
		Output Torque NM	58	180	351	707	1330	2470	4170	6460	
160.0	6.00	Input kW	0.04	0.12	0.24	0.48	0.86	1.62	2.81	4.44	
		Output Torque NM	60	180	351	707	1330	2470	4170	6400	
180.0	5.33	Input kW	0.05	0.11	0.25	0.45	0.86	1.70	2.65	3.88	
		Output Torque NM	76	180	400	737	1410	2860	4410	6350	
200.0	4.80	Input kW	0.04	0.10	0.22	0.40	0.75	1.51	2.47	3.64	
		Output Torque NM	76	180	400	737	1410	2860	4410	6350	
225.0	4.27	Input kW	0.0	0.09	0.18	0.35	0.65	1.19	2.10	3.23	
		Output Torque NM	65	180	351	707	1340	2480	4210	6460	
250.0	3.84	Input kW	0.03	0.08	0.16	0.31	0.58	1.06	1.97	3.04	
		Output Torque NM	67	180	351	707	1360	2480	4240	6460	

RATINGS of model AM14

Key: Pm= Input Power (kW) M2= Output Torque (Nm) i= Exact Ratio n2= Output Speed (rpm) Fra = Overhung load (kN)

			n1 = 1450				n1 = 960				n1 = 2900				n1 = 725			
	<i>in</i>	<i>i</i>	<i>n2</i>	<i>M2</i>	<i>Pm</i>	<i>Fra</i>	<i>n2</i>	<i>M2</i>	<i>Pm</i>	<i>Fra</i>	<i>n2</i>	<i>M2</i>	<i>Pm</i>	<i>Fra</i>	<i>n2</i>	<i>M2</i>	<i>Pm</i>	<i>Fra</i>
M1422	3.6	3.754	386	5340	220.39	60.30	256	5340	145.91	45.10	773	5340	440.77	68.00	193	5330	109.99	68.00
	5.0	5.238	277	7450	220.36	65.60	183	7450	145.89	46.00	554	7100	420.01	68.00	138	7450	110.18	68.00
	5.6	5.898	246	8390	220.39	67.30	163	8390	145.91	47.10	492	7640	401.38	68.00	123	8380	110.06	68.00
	6.3	6.633	219	9440	220.50	67.80	145	9430	145.83	48.60	437	8200	383.06	68.00	109	9430	110.13	68.00
	8.0	8.512	170	11200	203.86	68.00	113	11500	138.58	52.00	341	9110	331.63	68.00	85	11500	104.66	68.00
	9.0	9.452	153	11700	191.78	68.00	102	12300	133.48	53.20	307	9480	310.78	68.00	77	12300	100.81	68.00
	11.	11.80	123	12300	161.50	68.00	81	12800	111.27	55.00	246	10200	267.85	68.00	61	13000	85.34	68.00
	12.	13.08	111	12400	146.88	68.00	73	12900	101.16	55.80	222	10400	246.37	68.00	55	13000	76.99	68.00
	14.	14.86	98	12500	130.33	68.00	65	13000	89.74	66.00	195	10800	225.20	68.00	49	13000	67.77	68.00
	16.	17.02	85	12700	115.61	68.00	56	13000	78.35	68.00	170	11100	202.08	68.00	43	13000	59.17	68.00
	18.	18.30	79	12800	108.37	68.00	52	13000	72.87	68.00	158	11300	191.34	68.00	40	13000	55.03	68.00
	20.	21.36	68	13000	94.29	68.00	45	13000	62.43	68.00	136	11700	169.73	68.00	34	13000	47.15	68.00
	22.	23.55	62	13000	85.52	68.00	41	13000	56.62	68.00	123	12000	157.89	68.00	31	13000	42.76	68.00
	28.	28.24	51	13000	71.32	68.00	34	13000	47.22	68.00	103	12500	137.16	68.00	26	13000	35.66	68.00
	32.	33.89	43	13000	59.43	68.00	28	13000	39.35	68.00	86	12400	113.38	68.00	21	13000	29.72	68.00
	36.	36.72	39	13000	54.85	68.00	26	13000	36.31	68.00	79	12700	107.17	68.00	20	13000	27.43	68.00
	45.	42.95	34	7490	27.02	68.00	22	7490	17.89	68.00	68	7480	53.96	68.00	17	7490	13.51	68.00
	50.	50.36	29	8020	24.67	68.00	19	8020	16.34	68.00	58	8010	49.29	68.00	14	8020	12.34	68.00
	56.	56.49	26	8320	22.82	68.00	17	8320	15.11	68.00	51	8310	45.58	68.00	13	8320	11.41	68.00
M1432	56.	61.61	24	13000	33.03	68.00	16	13000	21.87	68.00	47	10900	55.39	68.00	12	13000	16.51	68.00
	63.	68.46	21	12700	29.04	68.00	14	13000	19.68	68.00	42	10600	48.47	68.00	11	13000	14.86	68.00
	71.	74.85	19	13000	27.19	68.00	13	13000	18.00	68.00	39	11000	46.01	68.00	9.7	13000	13.59	68.00
	80.	83.17	17	13000	24.47	68.00	12	13000	16.20	68.00	35	11400	42.91	68.00	8.7	13000	12.23	68.00
	100	98.30	15	13000	20.70	68.00	9.8	13000	13.71	68.00	30	12100	38.53	68.00	7.4	13000	10.35	68.00
	112	118.6	12	13000	17.16	68.00	8.1	13000	11.36	68.00	24	12800	33.79	68.00	6.1	13000	8.58	68.00
	125	136.7	11	13000	14.89	68.00	7.0	13000	9.86	68.00	21	13000	29.77	68.00	5.3	13000	7.44	68.00
	160	158.6	9.1	13000	12.83	68.00	6.1	13000	8.49	68.00	18	13000	25.66	68.00	4.6	13000	6.42	68.00
	180	184.8	7.8	13000	11.01	68.00	5.2	13000	7.29	68.00	16	13000	22.02	68.00	3.9	13000	5.51	68.00
	200	198.6	7.3	13000	10.25	68.00	4.8	13000	6.78	68.00	15	13000	20.49	68.00	3.7	13000	5.12	68.00
M1442	225	228.4	6.3	13000	9.15	68.00	4.2	13000	6.06	68.00	13	13000	18.29	68.00	3.2	13000	4.57	68.00
	250	262.4	5.5	13000	7.96	68.00	3.7	13000	5.27	68.00	11	13000	15.92	68.00	2.8	13000	3.98	68.00
	280	276.9	5.2	13000	7.54	68.00	3.5	13000	4.99	68.00	10	13000	15.09	68.00	2.6	13000	3.77	68.00
	300	337.7	4.3	13000	6.19	68.00	2.8	13000	4.10	68.00	8.6	13000	12.37	68.00	2.1	13000	3.09	68.00
	360	352.5	4.1	13000	5.93	68.00	2.7	13000	3.92	68.00	8.2	13000	11.85	68.00	2.1	13000	2.96	68.00
	400	405.1	3.6	13000	5.16	68.00	2.4	13000	3.41	68.00	7.2	13000	10.31	68.00	1.8	13000	2.58	68.00
	450	459.3	3.2	13000	4.55	68.00	2.1	13000	3.01	68.00	6.3	13000	9.09	68.00	1.6	13000	2.27	68.00
	500	506.6	2.9	13000	4.12	68.00	1.9	13000	2.73	68.00	5.7	13000	8.25	68.00	1.4	13000	2.06	68.00
	650	656.0	2.2	13000	3.18	68.00	1.5	13000	2.11	68.00	4.4	13000	6.37	68.00	1.1	13000	1.59	68.00
	730	754.3	1.9	13000	2.77	68.00	1.3	13000	1.83	68.00	3.8	13000	5.54	68.00	0.96	13000	1.38	68.00
	860	852.9	1.7	13000	2.45	68.00	1.1	13000	1.62	68.00	3.4	13000	4.90	68.00	0.85	13000	1.22	68.00
	10C	997.5	1.5	13000	2.09	68.00	0.96	13000	1.39	68.00	2.9	13000	4.19	68.00	0.73	13000	1.05	68.00
	11C	1156	1.3	13000	1.81	68.00	0.83	13000	1.20	68.00	2.5	13000	3.61	68.00	0.63	13000	0.90	68.00
	13C	1292	1.1	13000	1.62	68.00	0.74	13000	1.07	68.00	2.2	13000	3.23	68.00	0.56	13000	0.81	68.00
	15C	1511	0.96	13000	1.38	68.00	0.64	13000	0.92	68.00	1.9	13000	2.77	68.00	0.48	13000	0.69	68.00
	18C	1813	0.80	13000	1.15	68.00	0.53	13000	0.76	68.00	1.6	13000	2.30	68.00	0.40	13000	0.58	68.00
	20C	1981	0.73	13000	1.05	68.00	0.48	13000	0.70	68.00	1.5	13000	2.11	68.00	0.37	13000	0.53	68.00
	24C	2445	0.59	13000	0.85	68.00	0.39	13000	0.57	68.00	1.2	13000	1.71	68.00	0.30	13000	0.43	68.00
	27C	2717	0.53	13000	0.77	68.00	0.35	13000	0.51	68.00	1.1	13000	1.54	68.00	0.27	13000	0.38	68.00
M1452	27C	2739	0.53	13000	0.77	68.00	0.35	13000	0.51	68.00	1.1	13000	1.53	68.00	0.26	13000	0.38	68.00
	32C	3286	0.44	13000	0.64	68.00	0.29	13000	0.42	68.00	0.88	13000	1.28	68.00	0.22	13000	0.32	68.00
	36C	3598	0.40	13000	0.58	68.00	0.27	13000	0.39	68.00	0.81	13000	1.17	68.00	0.20	13000	0.29	68.00
	40C	3943	0.37	13000	0.53	68.00	0.24	13000	0.35	68.00	0.74	13000	1.07	68.00	0.18	13000	0.27	68.00
	46C	4678	0.31	13000	0.45	68.00	0.21	13000	0.30	68.00	0.62	13000	0.90	68.00	0.15	13000	0.22	68.00
	55C	5471	0.27	13000	0.38	68.00	0.18	13000	0.25	68.00	0.53	13000	0.77	68.00	0.13	13000	0.19	68.00
	65C	6390	0.23	13000	0.33	68.00	0.15	13000	0.22	68.00	0.45	13000	0.66	68.00	0.11	13000	0.16	68.00
	74C	7473	0.19	13000	0.28	68.00	0.13	13000	0.19	68.00	0.39	13000	0.56	68.00	0.097	13000	0.14	68.00
	84C	8381	0.17	13000	0.25	68.00	0.11	13000	0.17	68.00	0.35	13000	0.50	68.00	0.087	13000	0.13	68.00
	95C	9827	0.15	13000	0.21	68.00	0.098	13000	0.14	68.00	0.30	13000	0.43	68.00	0.074	13000	0.11	68.00
	10K	11024	0.13	13000	0.19	68.00	0.087	13000	0.13	68.00	0.26	13000	0.38	68.00	0.066	13000	0.10	68.00

RATINGS of Model AM16

Key: Pm= Input Power (kW) M2= Output Torque (Nm) i= Exact Ratio n2= Output Speed (rpm) Fra = Overhung load (kN)

	in	i	n1 = 1450				n1 = 960				n1 = 2900				n1 = 725			
			n2	M2	Pm	Fra	n2	M2	Pm	Fra	n2	M2	Pm	Fra	n2	M2	Pm	Fra
M1622	5.0	4.950	293	19200	600.94	98.00	194	19200	397.87	98.00	586	17300	1082.95	98.00	146	19200	300.47	98.00
	5.6	5.353	271	19400	561.49	98.00	179	19400	371.75	98.00	542	17700	1024.58	98.00	135	19400	280.75	98.00
	6.3	6.257	232	19400	480.37	98.00	153	19500	319.68	98.00	463	19000	940.93	98.00	116	19500	241.42	98.00
	8.0	8.193	177	19900	376.31	98.00	117	19900	249.14	98.00	354	19900	752.63	98.00	88	19900	188.16	98.00
	9.0	9.353	155	20200	334.61	98.00	103	20200	221.53	98.00	310	20200	669.22	98.00	78	20200	167.31	98.00
	11.1	11.17	130	20500	284.34	98.00	86	20500	188.25	98.00	260	20500	568.68	98.00	65	20500	142.17	98.00
	12.1	12.67	114	20600	251.90	98.00	76	20600	166.78	98.00	229	20600	503.80	98.00	57	20600	125.95	98.00
	14.1	14.01	103	17900	197.95	98.00	69	17900	131.06	98.00	207	17900	395.90	98.00	52	17900	98.97	98.00
	16.1	16.19	90	20200	193.30	98.00	59	20200	127.98	98.00	179	20200	386.61	98.00	45	20200	96.65	98.00
	18.1	17.49	83	20600	182.48	98.00	55	20600	120.81	98.00	166	20600	364.96	98.00	41	20600	91.24	98.00
	20.1	20.39	71	20600	156.53	98.00	47	20600	103.63	98.00	142	20600	313.05	98.00	36	20600	78.26	98.00
	22.1	23.51	62	20600	135.75	98.00	41	20600	89.88	98.00	123	20600	271.51	98.00	31	20600	67.88	98.00
	28.1	27.26	53	20600	117.08	98.00	35	20600	77.51	98.00	106	20600	234.16	98.00	27	20600	58.54	98.00
	32.1	31.41	46	19600	96.68	98.00	31	19600	64.01	98.00	92	19600	193.36	98.00	23	19600	48.34	98.00
	36.1	37.54	39	16600	68.51	98.00	26	16600	45.36	98.00	77	16600	137.02	98.00	19	16600	34.25	98.00
	45.1	45.05	32	11100	38.17	98.00	21	11100	25.27	98.00	64	11000	75.66	98.00	16	11100	19.09	98.00
M1632	56.1	59.38	24	20700	54.57	98.00	16	20700	36.13	98.00	49	20700	109.13	98.00	12	20700	27.28	98.00
	63.1	63.82	23	20700	50.77	98.00	15	20700	33.61	98.00	45	20700	101.54	98.00	11	20700	25.38	98.00
	71.1	74.49	19	20700	43.50	98.00	13	20700	28.80	98.00	39	20700	87.00	98.00	9.7	20700	21.75	98.00
	80.1	82.13	18	20700	39.45	98.00	12	20700	26.12	98.00	35	20700	78.90	98.00	8.8	20700	19.73	98.00
	100.1	98.51	15	20700	32.89	98.00	9.7	20700	21.78	98.00	29	20700	65.78	98.00	7.4	20700	16.45	98.00
	112.1	118.2	12	20700	27.41	98.00	8.1	20700	18.15	98.00	25	20700	54.82	98.00	6.1	20700	13.71	98.00
	125.1	128.1	11	20700	25.29	98.00	7.5	20700	16.75	98.00	23	20700	50.59	98.00	5.7	20700	12.65	98.00
	160.1	149.8	9.7	20700	21.63	98.00	6.4	20700	14.32	98.00	19	20700	43.26	98.00	4.8	20700	10.81	98.00
	180.1	175.6	8.3	19100	17.03	98.00	5.5	19100	11.27	98.00	17	19100	34.05	98.00	4.1	19100	8.51	98.00
	200.1	197.0	7.4	14600	11.60	98.00	4.9	14600	7.68	98.00	15	14600	23.20	98.00	3.7	14600	5.80	98.00
M1642	225.1	228.8	6.3	20700	14.53	98.00	4.2	20700	9.62	98.00	13	20700	29.07	98.00	3.2	20700	7.27	98.00
	250.1	264.6	5.5	20700	12.57	98.00	3.6	20700	8.32	98.00	11	20700	25.14	98.00	2.7	20700	6.29	98.00
	280.1	285.8	5.1	20700	11.64	98.00	3.4	20700	7.70	98.00	10.1	20700	23.27	98.00	2.5	20700	5.82	98.00
	300.1	323.5	4.5	20700	10.28	98.00	3.0	20700	6.81	98.00	9.0	20700	20.56	98.00	2.2	20700	5.14	98.00
	360.1	360.1	4.0	20700	9.23	98.00	2.7	20700	6.11	98.00	8.1	20700	18.47	98.00	2.0	20700	4.62	98.00
	400.1	400.1	3.6	20700	8.31	98.00	2.4	20700	5.50	98.00	7.2	20700	16.62	98.00	1.8	20700	4.16	98.00
	450.1	445.4	3.3	20700	7.47	98.00	2.2	20700	4.94	98.00	6.5	20700	14.94	98.00	1.6	20700	3.73	98.00
	500.1	504.2	2.9	20700	6.60	98.00	1.9	20700	4.37	98.00	5.8	20700	13.19	98.00	1.4	20700	3.30	98.00
	650.1	646.7	2.2	20700	5.14	98.00	1.5	20700	3.40	98.00	4.5	20700	10.29	98.00	1.1	20700	2.57	98.00
	730.1	718.5	2.0	20700	4.63	98.00	1.3	20700	3.06	98.00	4.0	20700	9.26	98.00	1.0	20700	2.31	98.00
	860.1	858.7	1.7	20700	3.87	98.00	1.1	20700	2.56	98.00	3.4	20700	7.75	98.00	0.84	20700	1.94	98.00
	10C	1015	1.4	20700	3.28	98.00	0.95	20700	2.17	98.00	2.9	20700	6.55	98.00	0.71	20700	1.64	98.00
	11C	1120	1.3	20700	2.97	98.00	0.86	20700	1.97	98.00	2.6	20700	5.94	98.00	0.65	20700	1.48	98.00
	13C	1338	1.1	20700	2.49	98.00	0.72	20700	1.65	98.00	2.2	20700	4.97	98.00	0.54	20700	1.24	98.00
	15C	1504	0.96	20700	2.21	98.00	0.64	20700	1.46	98.00	1.9	20700	4.42	98.00	0.48	20700	1.11	98.00
	18C	1842	0.79	20700	1.81	98.00	0.52	20700	1.20	98.00	1.6	20700	3.61	98.00	0.39	20700	0.90	98.00
	20C	1953	0.74	20700	1.70	98.00	0.49	20700	1.13	98.00	1.5	20700	3.41	98.00	0.37	20700	0.85	98.00
	24C	2486	0.58	20700	1.34	98.00	0.39	20700	0.89	98.00	1.2	20700	2.68	98.00	0.29	20700	0.67	98.00
M1652	27C	2744	0.53	20700	1.22	98.00	0.35	20700	0.81	98.00	1.1	20700	2.44	98.00	0.26	20700	0.61	98.00
	32C	3181	0.46	20700	1.05	98.00	0.30	20700	0.70	98.00	0.91	20700	2.10	98.00	0.23	20700	0.53	98.00
	36C	3494	0.41	20700	0.96	98.00	0.27	20700	0.63	98.00	0.83	20700	1.91	98.00	0.21	20700	0.48	98.00
	40C	3666	0.40	20700	0.91	98.00	0.26	20700	0.60	98.00	0.79	20700	1.82	98.00	0.20	20700	0.46	98.00
	46C	4812	0.30	20700	0.69	98.00	0.20	20700	0.46	98.00	0.60	20700	1.39	98.00	0.15	20700	0.35	98.00
	55C	5775	0.25	20700	0.58	98.00	0.17	20700	0.38	98.00	0.50	20700	1.16	98.00	0.13	20700	0.29	98.00
	65C	6440	0.23	20700	0.52	98.00	0.15	20700	0.34	98.00	0.45	20700	1.04	98.00	0.11	20700	0.26	98.00
	74C	7728	0.19	20700	0.43	98.00	0.12	20700	0.29	98.00	0.38	20700	0.87	98.00	0.094	20700	0.22	98.00
	84C	8899	0.16	20700	0.38	98.00	0.11	20700	0.25	98.00	0.33	20700	0.75	98.00	0.081	20700	0.19	98.00

THERMAL POWER RATING

Thermal Ratings kW

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

Thermal Power (kW)

Overall Ratios	Input Rev/min	UNIT SIZE								
		AM03	AM04	AM06	AM07	AM08	AM09	AM10	AM13	AM14
1.5 to 5.6	2900	CONSULT AGNEE								
	1750	4.1	5.9	9.8	11.4	22.0	31.3	42.2	53.5	73.0
	<1450	4.1	6.0	9.9	14.5	22.2	31.4	42.3	53.7	73.2
5.6 to 36	2900	3.0	4.3	7.2	10.5	16.0	22.8	30.7	39.0	53.2
	1750	4.1	5.8	9.7	14.2	21.7	30.8	41.5	52.6	71.8
	<1450	4.1	5.8	9.7	14.2	21.7	30.8	41.6	52.7	71.9
36 & over	2900	2.9	4.2	7.0	10.2	15.6	22.2	29.9	37.9	51.7
	1750	4.0	5.7	9.4	13.8	21.1	29.9	40.4	51.2	69.9
	<1450	4.0	5.7	9.4	13.8	21.1	30.0	40.4	51.3	70.0

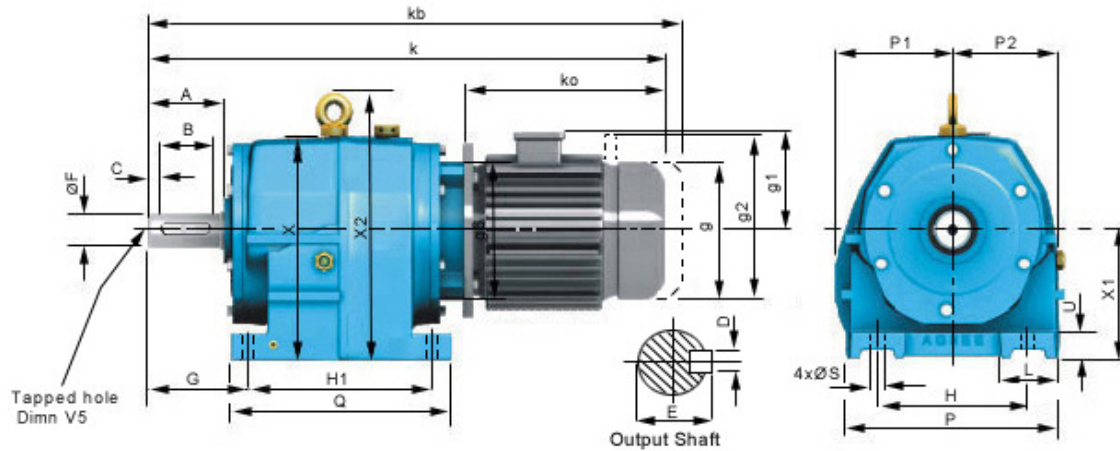
Thermal Power (kW) with cooling fan

Overall Ratios	Input Rev/min	Unit Size								
		AM03	AM04	AM06	AM07	AM08	AM09	AM10	AM13	AM14
1.5 to 5.6	2900	-	-	-	CONSULT AGNEE					
	1750	-	-	-	32.4	49.6	70.4	94.9	120.4	164.2
	1450	-	-	-	28.9	44.2	62.8	84.6	107.4	146.5
	1160	-	-	-	27.5	42.0	59.6	80.4	102.0	139.2
	960	-	-	-	25.3	38.7	54.9	74.0	93.9	128.2
	725	-	-	-	21.7	33.2	47.1	63.5	80.5	109.9
5.6 & over	2900	-	-	-	23.0	35.1	49.9	67.3	85.3	116.4
	1750	-	-	-	31.1	47.4	67.4	90.8	115.2	157.2
	1450	-	-	-	27.7	42.3	60.0	80.9	102.6	140.0
	1160	-	-	-	26.3	40.1	57.0	76.8	97.5	133.0
	960	-	-	-	24.2	37.0	52.5	70.8	89.8	122.5
	725	-	-	-	20.7	31.7	45.0	60.7	77.0	105.0

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

GEARED MOTOR

DIMENSIONS –DOUBLE REDUCTION BASE MOUNT



SIZE	A	B	C	D	E	ØF	G	h1	H	H1	L	P	P1	P2	Q	ØS	U	V5	X	X1	X2						
AM0320	40	32	4	6	22.5	20 k6	58	0	110	85	25	135	78	72	110	10	12	M6 x 1.0 16 deep	147	75	-						
AM0420	50	40	7	8	28	25 k6	75	0	110	130	35	145	84	75	160	10	16	M10 x 1.5 deep	178	90	-						
AM0620	60	50	7	8	33	30 k6	90	0	135	165	55	190	105	98	200	15	20	M10 x 1.5 22 deep	230	115	-						
AM0720	80	70	5	12	43	40 k6	115	0	170	205	60	230	130	119	245	19	25	M16 x 2.0 36 deep	275	140	-						
AM0820	100	80	10	14	53.5	50 k6	140	0	215	260	75	290	165	147	310	19	35	M16 x 2.0 36 deep	321	180	362						
AM0920	120	100	10	18	64	60 m6	160	0	250	310	90	340	200	172	365	23	40	M20 x 2.5 42 deep	394	225	433						
AM1020	140	110	15	20	74.5	70 m6	185	0	290	370	110	400	225	203	440	27	45	M20 x 2.5 42 deep	446	250	505						
AM1320	170	140	15	25	95	90 m6	220	0	340	410	110	450	242	228	490	34	50	M24 x 3.0 50 deep	483	265	563						
AM1420	210	180	10	28	116	100 m6	260	23.6	380	500	150	530	267	268	590	39	70	M24 x 3.0 50 deep	581	355	680						
AM1620	210	200	5	32	127	120 m6	270	42.2	500	580	160	660	425	335	670	39	80	M24 x 3.0 50 deep	675	425	805						
MOTORS	ALL SIZES					AM0320*		AM0420		AM0620		AM0720		AM0820		AM0920		AM1020		AM1320		AM1420		AM1620			
	ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb		
MOTOR FRAME SIZE	63	185	122	101	160	140	381	423	404	446	455	497	-	-	-	-	-	-	-	-	-	-	-	-	-		
	71	210	137	107	167	160	406	447	433	474	486	527	-	-	-	-	-	-	-	-	-	-	-	-	-		
	80	230	158	118	190	200	445	495	468	518	506	556	579	629	672	722	753	803	-	-	-	-	-	-	-		
	90S/L	270	177	149	218	200	495	554	518	577	555	614	629	688	712	771	793	852	-	-	-	-	-	-	-		
	100/1	340	197	159	238	250	573	641	596	664	669	737	722	790	788	856	869	937	936	1004	1056	1124	1134	1240	-		
	132	402	253	184	288	300	-	-	-	-	733	804	786	857	850	921	931	1002	998	1069	1118	1189	1185	1305	-		
	S/M	538	314	230	*	350	-	-	-	-	-	-	952	*	1016	*	1102	*	1169	*	1248	*	1287	*	-	*	
	160	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	1102	*	1169	*	1248	*	1354	*	1639	*	
	M/L	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	1102	*	1169	*	1248	*	1354	*	1639	*
	180 M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	1102	*	1169	*	1248	*	1354	*	1639	*
	180 L	613	354	257	*	350	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1392	*	1677	*	
	200 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1471	*	1756	*	
	225	690	411	280	*	450	-	-	-	-	-	-	-	-	-	-	1281	*	1348	*	1427	*	1543	*	1831	*	
S/M	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1599	*	1810	*	1926	*		
250	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1599	*	1810	*	1926	*		
280	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1729	*	1910	*	2026	*		
S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1729	*	1910	*	2026	*		
315	1015	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2181	*		
S/M	1015	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2181	*		

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

kb – for brake motors

g2 – hand release if required

g6 – Dimension is shown for B5 D flange motors , please check page 20 for B14 C face motors.

DIN 6885

all parallel keys are to

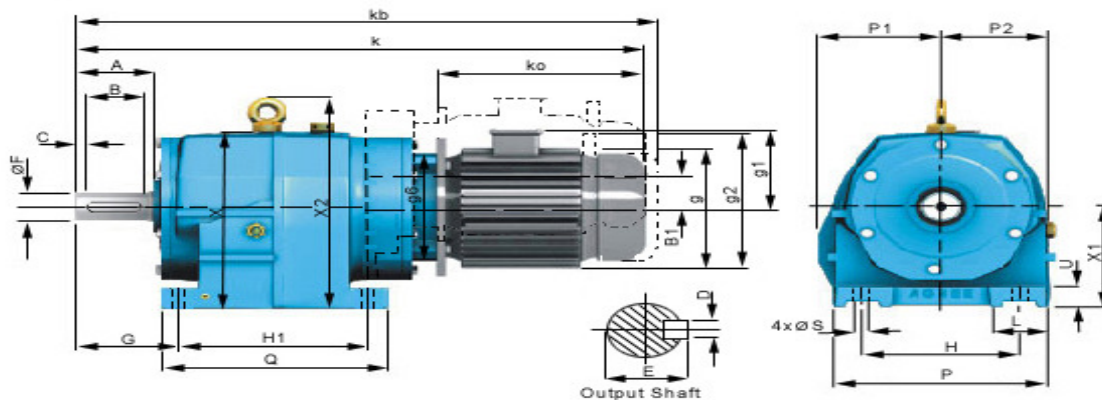
* Consult AGNEE

** Please check dimension g, g2 and g6 as motor

May Project below the base of the unit especially when using B5 D flange motors

GEARED MOTOR

DIMENSIONS – TRIPLE REDUCTION BASE MOUNT



SIZE	A	B	B1	C	D	E	ØF	G	H	H1	L	P	P1	P2	Q	ØS	U	V5	X	X1	X2
AM0330	40	32	36	4	6	22.5	20 k6	58	110	85	25	135	78	72	110	10	12	M6x1.0 16 deep	147	75	-
AM0430	50	40	36	7	8	28	25 k6	75	110	130	35	145	84	75	160	10	16	M10x1.5 22 deep	178	90	-
AM0630	60	50	47	7	8	33	30 k6	90	135	165	55	190	105	98	200	15	20	M10x1.5 22 deep	230	115	-
AM0730	80	70	60	5	12	43	40 k6	115	170	205	60	230	130	119	245	19	25	M16x2.0 36 deep	275	140	-
AM0830	100	80	0	10	14	53.5	50 k6	140	215	260	75	290	165	147	310	19	35	M16x2.0 36 deep	321	180	362
AM0930	120	100	0	10	18	64	60 m6	160	250	310	90	340	200	172	365	23	40	M20x2.5 42 deep	394	225	433
AM1030	140	110	0	15	20	74.5	70 m6	185	290	370	110	400	225	203	440	27	45	M20x2.5 42 deep	446	250	505
AM1330	170	140	0	15	25	95	90 m6	220	340	410	110	450	242	228	490	34	50	M24x3.0 50 deep	483	265	563
AM1430	210	180	23.6	10	28	116	100 m6	260	380	500	150	530	278	268	590	39	70	M24x3.0 50 deep	581	355	680
AM1630	210	200	42.2	5	32	127	120 m6	270	500	580	160	660	425	335	670	39	80	M24x3.0 50 deep	675	425	805

MOTORS	ALL SIZES					AM0330*		AM0430		AM0630		AM0730		AM0830		AM0930		AM1030		AM1330		AM1430		AM1630	
	ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	437	479	460	502	522	564	608	650	-	-	-	-	-	-	-	-	-	-	-
	71	210	137	107	167	160	462	503	489	530	551	592	639	680	-	-	-	-	-	-	-	-	-	-	-
	80	230	158	118	190	200	-	-	524	574	586	636	659	709	679	729	779	829	877	927	-	-	-	-	-
	90S/L	270	177	149	218	200	-	-	-	-	636	695	708	767	729	788	819	878	917	976	-	-	-	-	-
	100/1	340	197	159	238	250	-	-	-	-	-	822	890	822	890	895	963	993	1061	1118	1186	1165	1233	1299	*
	132	402	253	184	288	300	-	-	-	-	-	-	-	-	-	-	-	1055	1126	1180	1251	1193	1264	1350	*
	S/M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	1226	*	1310	*	1337	*	1452	*
	M/L	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	1226	*	1310	*	1404	*	1519	*
	180 M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	1226	*	1310	*	1404	*	1519	*
	180 L	613	354	257	*	350	-	-	-	-	-	-	-	-	-	-	-	1301	*	1385	*	1442	*	1557	*
	200 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	-	-	-	1385	*	1521	*	1636	*
	225	690	411	280	*	450	-	-	-	-	-	-	-	-	-	-	-	-	-	1489	*	1593	*	1708	*
	S/M	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	1975	*
	250	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*
	280	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*
	S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*

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

kb – for brake motors

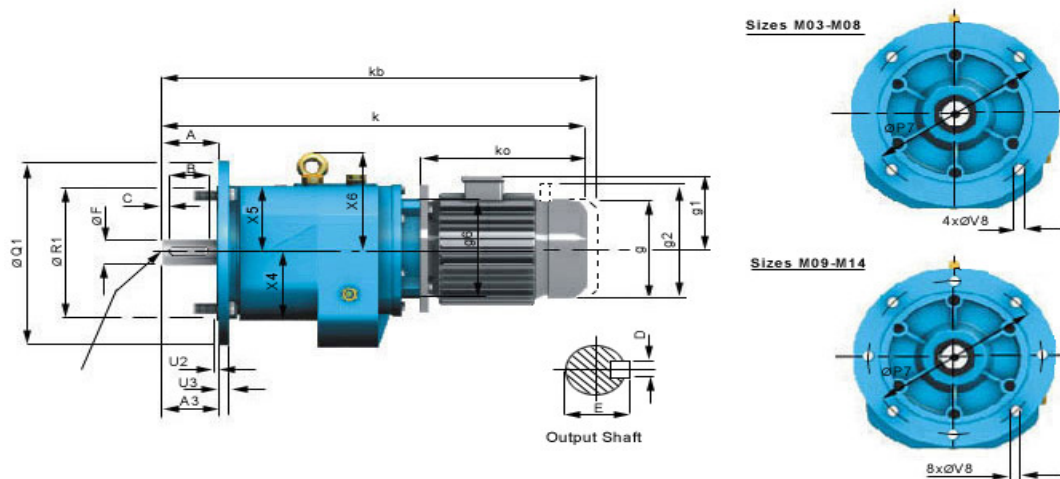
g2 – hand release if required all parallel keys are to DIN 6885 g6 – Dimension is shown for B5 D flange motors , please check page 20 for B14 C face motors.

* Consult AGNEE

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

GEARED MOTOR

DIMENSIONS – DOUBLE REDUCTION FLANGE MOUNT



SIZE	A	A3	B	B1	C	D	E	ØF	ØP7	ØQ1	ØR1	U2	U3	V5	V8	X4	X5	X6
AM0320	40	40	32		4	6	22.5	20 k6	130	160	110 h8	3.5	7	M6x1.0 16deep	10	80	70	-
AM0420	50	50	40		7	8	28	25 k6	165	200	130 h8	3.5	12	M10x1.5 22deep	12	95	88	-
AM0620	60	60	50		7	8	33	30 k6	215	250	180 h8	4	12	M10x1.5 22deep	15	113	115	-
AM0720	80	80	70		5	12	43	40 k6	265	300	230 h8	4	14	M16x2.0 36deep	15	138	138	-
AM0820	100	100	80		10	14	53.5	50 k6	300	350	250 h8	5	16	M16x2.0 36deep	18	187	-	173
AM0920	120	140	100		10	18	64	60 m6	400	450	350 h8	5	18	M20x2.5 42deep	18	230	-	198
AM1020	140	140	110		15	20	74.5	70 m6	400	450	350 h8	5	22	M20x2.5 42deep	18	260	-	245
AM1320	170	170	140		15	25	95	90 m6	500	550	450 h8	5	25	M24x3.0 50deep	18	278	-	288
AM1420	210	210	180	23.6	10	28	116	100 m6	500	550	450 h8	5	25	M24x3.0 50deep	18	350	226	325
AM1620	210	210	200	42.2	5	32	127	120 m6	600	660	550 h8	6	28	M24x3.0 50deep	22	415	250	380

MOTORS	ALL SIZES					AM0320*		AM0420		AM0620		AM0720		AM0820		AM0920		AM1020		AM1320		AM1420		AM1620	
	ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
63	185	122	101	160	140	381	423	404	446	455	497	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	210	137	107	167	160	406	447	433	474	486	527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	230	158	118	190	200	445	495	468	518	506	556	579	629	672	722	753	803	-	-	-	-	-	-	-	-
90S/L	270	177	149	218	200	495	554	518	577	555	614	629	688	712	771	793	852	-	-	-	-	-	-	-	-
100/12	340	197	159	238	250	573	641	596	664	669	737	722	790	788	856	869	937	936	1004	1056	1124	1134	1240	-	-
132 S/M	402	253	184	288	300	-	-	-	-	733	804	786	857	850	921	931	1002	998	1069	1118	1189	1185	1305	-	-
160 M/L	538	314	230	*	350	-	-	-	-	-	-	952	*	1016	*	1102	*	1169	*	1248	*	1287	*	-	*
180 M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	1102	*	1169	*	1248	*	1354	*	1639	*
180 L	613	354	257	*	350	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1392	*	1677	*
200 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	1177	*	1244	*	1323	*	1471	*	1756	*
225 S/M	690	411	280	*	450	-	-	-	-	-	-	-	-	-	-	1281	*	1348	*	1427	*	1543	*	1831	*
250	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	1599	*	1810	*	1926	*	-
280 S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	1729	*	1910	*	2026	*	-
315 S/M	1015	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2181	*	-

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

kb – for brake motors

g2 – hand release if required

g6 – Dimension is shown for B5 D flange motors ,
please check page 20 for B14 C face motors.

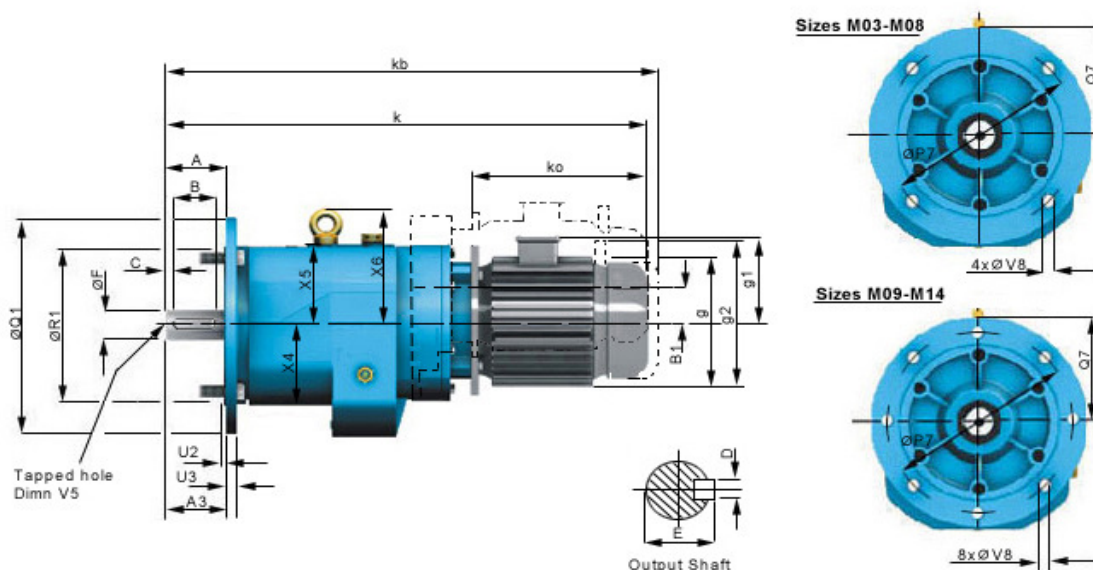
all parallel keys are to DIN 6885

* Consult AGNEE

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

GEARED MOTOR

DIMENSIONS – TRIPLE REDUCTION FLANGE MOUNT



SIZE	A	A3	B	B1	C	D	E	ØF	ØP7	ØQ1	Q7	ØR1	U2	U3	V5	V8	X4	X5	X6
AM0330	40	40	32	36	4	6	22.5	20 k6	130	160	106	110 h8	3.5	7	M6x1.0 16deep	10	80	70	-
AM0430	50	50	40	36	7	8	28	25 k6	165	200	106	130 h8	3.5	12	M10x1.5 22deep	12	95	88	-
AM0630	60	60	50	47	7	8	33	30 k6	215	250	117	180 h8	4	12	M10 x1.5 22deep	15	113	115	-
AM0730	80	80	70	60	5	12	43	40 k6	265	300	150	230 h8	4	14	M16x2.0 36deep	15	138	138	-
AM0830	100	100	80	0	10	14	53.5	50 k5	300	350	-	250 h8	5	16	M16x2.0 36deep	18	187	-	173
AM0930	120	140	100	0	10	18	64	60 m6	400	450	-	350 h8	5	18	M20x2.5 42deep	18	230	-	198
AM1030	140	140	110	0	15	20	74.5	70 m6	400	450	-	350 h8	5	22	M20x2.5 42deep	18	260	-	245
AM1330	170	170	140	0	15	25	95	90 m6	500	550	-	450 h8	5	25	M24x3.0 50deep	18	278	-	288
AM1430	210	210	180	23.6	10	28	116	100 m6	500	550	-	450 h8	5	25	M24x3.0 50deep	18	350	226	325
AM1630	210	210	200	42.2	5	32	127	120 m6	600	660	-	550 h8	6	28	M24x3.0 50deep	22	415	250	380

		ALL SIZES				AM0330*		AM0430		AM0630		AM0730		AM0830		AM0930		AM1030		AM1330		AM1430		AM1630		
MOTORS						*		**		**		**														
		ko	g	g1	g2	g6	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb	k	kb
MOTOR FRAME SIZE	63	185	122	101	160	140	437	479	460	502	522	564	608	650		-	-	-	-	-	-	-	-			
	71	210	137	107	167	160	462	503	489	530	551	592	639	680	-	-	-	-	-	-	-	-	-			
	80	230	158	118	190	200	-	-	524	574	586	636	659	709	679	729	779	829	877	927	-	-	-	-		
	90S/L	270	177	149	218	200	-	-	-	-	636	695	708	767	729	788	819	878	917	976	-	-	-	-		
	100/1	340	197	159	238	250	-	-	-	-	-	-	822	890	822	890	895	963	993	1061	1118	1186	1165	1233	1299	*
	132	402	253	184	288	300	-	-	-	-	-	-	-	-	-	-	-	-	1055	1126	1180	1251	1193	1264	1350	*
	S/M	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	-	1226	*	1310	*	1337	*	1452	*
	160	538	314	230	*	350	-	-	-	-	-	-	-	-	-	-	-	-	1226	*	1310	*	1404	*	1519	*
	M/L	613	354	257	*	350	-	-	-	-	-	-	-	-	-	-	-	-	1301	*	1385	*	1442	*	1557	*
	180 M	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1385	*	1521	*	1636	*
	180 L	613	354	257	*	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1489	*	1593	*	1708	*
	200 L	690	411	280	*	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	1975	*
	225	690	411	280	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*
	S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*
250	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*	
280	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*	
S/M	820	490	355	*	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	2075	*	

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

kb – for brake motors

g2 – hand release if required

g6 – Dimension is shown for B5 D flange motors , please check page 20 for B14 C face motors.

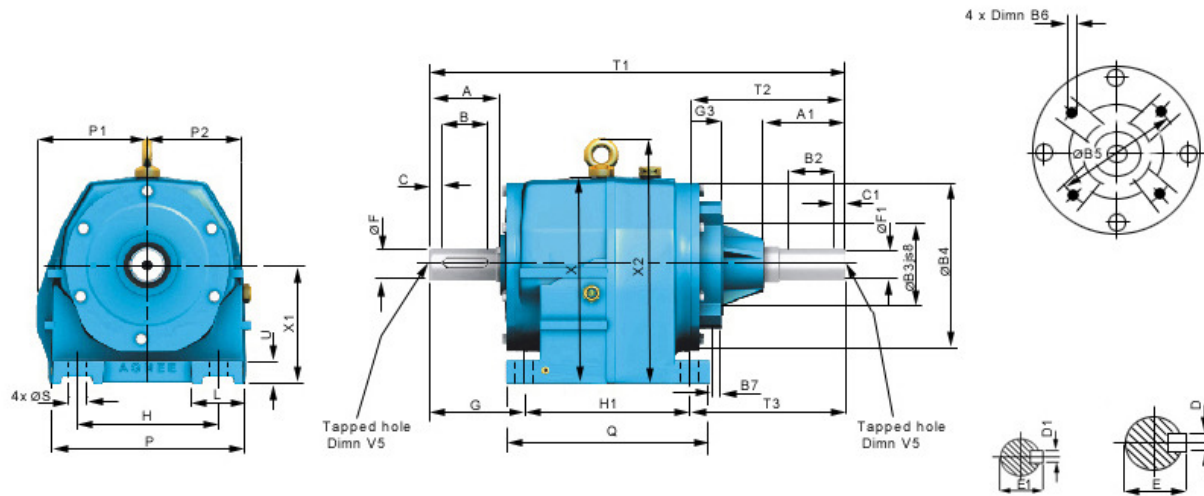
all parallel keys are to DIN 6885

* Consult AGNEE

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

GEAR REDUCER

DIMENSIONS – DOUBLE REDUCTION BASE MOUNT



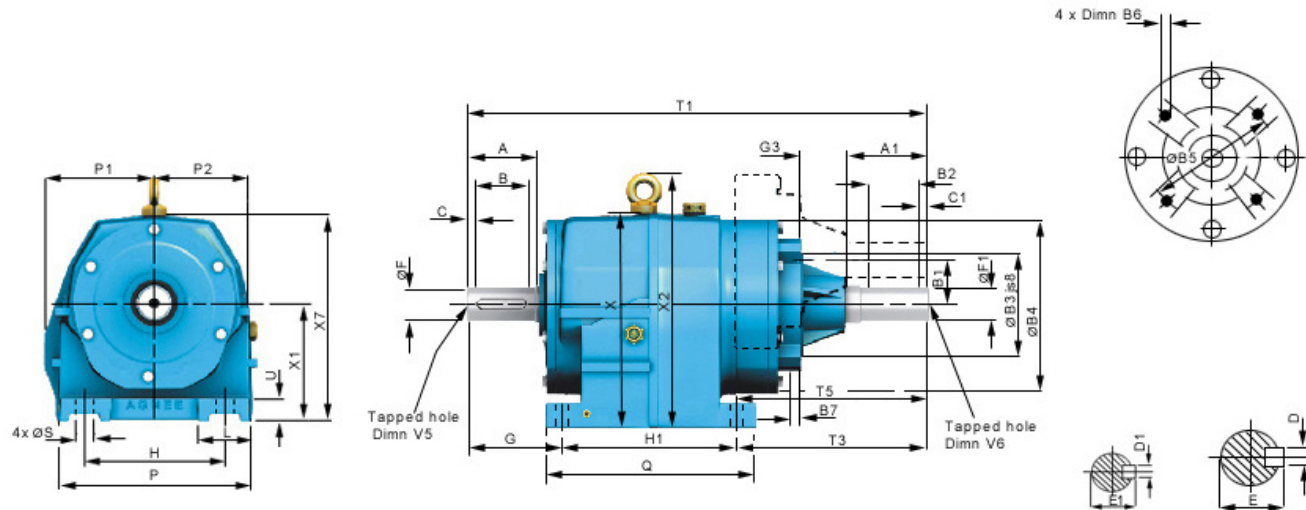
SIZE	A	A1	B	B1	B2	ØB3	ØB4	ØB5	B6	B7	C	C1	D	D1	E	E1	ØF	ØF1	G	G3
AM0320	40	40	32	0	32	65	140	90	M8	16	4	4	6	5	22.5	18	20 k6	16 k6	58	12
AM0420	50	40	40	0	32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	75	12
AM0620	60	40	50	0	32	78	180	115	M10	17	7	4	8	6	33	21.5	30 k6	19 k6	90	22
AM0720	80	50	70	0	40	98	212	145	M12	20	5	5	12	8	43	27	40 k6	24 k6	115	23
AM0820	100	60	80	0	50	98	250	145	M12	20	10	5	14	8	53.5	31	50 k6	28 k6	140	23
AM0920	120	80	100	0	70	125	300	175	M16	30	10	5	18	10	64	41	60 m6	38 k6	160	23
AM1020	140	110	110	0	70	155	360	210	M20	36	15	10	20	16	74.5	45	70 m6	42 k6	185	34
AM1320	170	110	140	0	90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	220	34
AM1420	210	110	180	23.6	90	155	460	210	M20	36	15	10	28	16	106	59	100 m6	55 m6	260	34
AM1620	210	140	200	42.2	110	-	550	-	-	-	5	10	32	20	127	74.5	120 m6	70 m6	270	-

SIZE	H	H1	L	P	P1	P2	Q	S	T1	T2	T3	U	V5	V6	X	X1	X2
AM0320	110	85	25	135	78	72	110	10	294	111	151	12	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	147	75	-
AM0420	110	130	35	145	84	75	160	10	317	111	112	16	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	178	90	-
AM0620	135	165	55	190	105	98	200	15	369	111	114	20	M10 x 1.5 22 deep	M6 x 1.0 16 deep	230	115	-
AM0720	170	205	60	230	130	119	245	19	440	115	120	25	M16 x 2.0 36 deep	M8 x 1.25 19 deep	275	140	-
AM0820	215	260	75	290	165	147	310	19	555	160	155	35	M16 x 2.0 36 deep	M10 x 1.5 22 deep	321	180	362
AM0920	250	310	90	340	200	172	365	23	660	195	190	40	M20 x 2.5 42 deep	M12 x 1.75 28 deep	394	225	433
AM1020	290	370	110	400	225	203	440	27	782	233	227	45	M20 x 2.5 42 deep	M16 x 2.0 36 deep	446	250	505
AM1320	340	410	110	450	242	228	490	34	907	286	277	50	M24 x 3.0 50 deep	M20 x 2.5 42 deep	483	265	563
AM1420	380	500	150	530	267	268	590	39	1022	265	262	70	M24 x 3.0 50 deep	M20 x 2.5 42 deep	581	355	680
AM1620	500	580	160	660	425	335	670	39	1162	-	312	80	M24 x 3.0 50 deep	M20 x 2.5 42 deep	675	425	805

all parallel keys are to DIN 6885

GEAR REDUCER

DIMENSIONS – TRIPLE REDUCTION BASE MOUNT

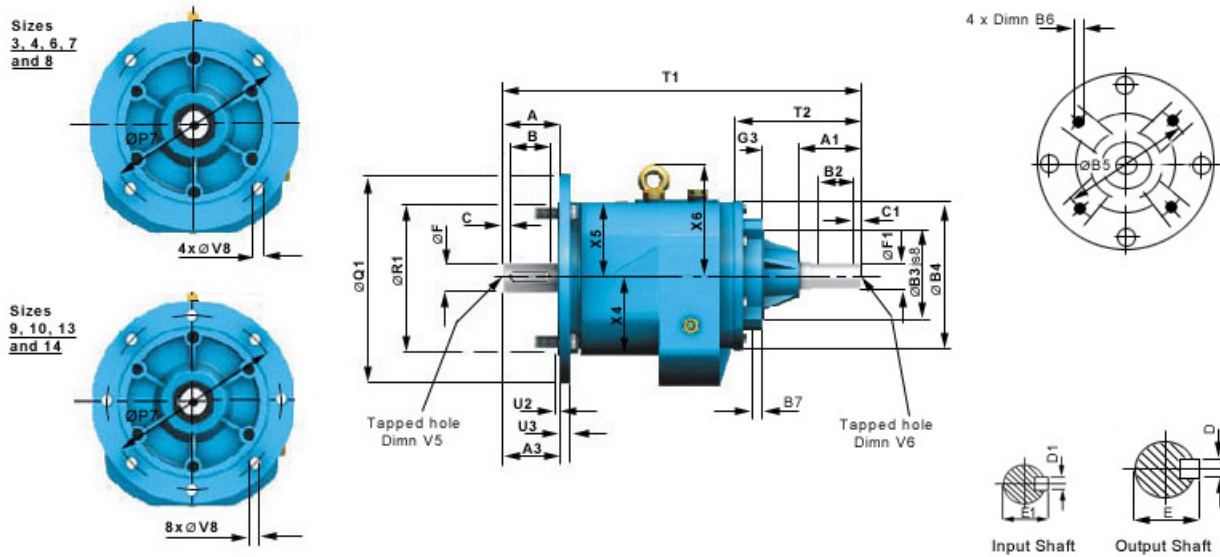


SIZE	A	A1	B	B1	B2	ØB3	ØB4	ØB5	B6	B7	C	C1	D	D1	E	E1	ØF	ØF1	G	G3
AM0330	40	40	32	36	32	65	140	90	M8	16	4	4	6	5	22.5	18	20 k6	16 k6	58	12
AM0430	50	40	40	36	32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	75	12
AM0630	60	40	50	47	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	90	12
AM0730	80	40	70	60	32	78	180	115	M10	17	5	4	12	6	43	21.5	40 k6	19 k6	115	22
AM0830	100	50	80	0	40	98	212	145	M12	20	10	5	14	8	53.5	27	50 k6	24 k6	140	23
AM0930	120	60	100	0	50	98	250	145	M12	20	10	5	18	8	64	31	60 m6	28 k6	160	23
AM1030	140	80	110	0	70	125	300	175	M16	30	15	5	20	10	74.5	41	70 m6	38 k6	185	23
AM1330	170	110	140	0	90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	220	34
AM1430	210	110	180	23.6	90	155	460	210	M20	36	10	10	28	16	116	59	100 m6	55 m6	260	34
AM1630	210	140	200	42.2	110	-	550	-	-	-	5	10	32	20	127	74.5	120 m6	70 m6	270	-

SIZE	H	H1	L	P	P1	P2	Q	S	T1	T3	T5	U	V5	V6	X	X1	X2	X7
AM 0330	110	85	25	135	78	72	110	10	350	207	167	12	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	147	75	-	181
AM 0430	110	130	35	145	84	75	160	10	373	168	167	16	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	178	90	-	196
AM 0630	135	165	55	190	105	98	200	15	435	180	177	20	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	230	115	-	232
AM0730	170	205	60	230	130	119	245	19	522	202	197	25	M16 x 2.0 36 deep	M6 x 1.0 16 deep	275	140	-	290
AM0830	215	260	75	290	165	147	310	19	540	140	145	35	M16 x 2.0 36 deep	M8 x 1.25 19 deep	321	180	362	-
AM0930	250	310	90	340	200	172	365	23	662	192	197	40	M20 x 2.5 42 deep	M10 x 1.5 22 deep	394	225	433	-
AM1030	290	370	110	400	225	203	440	27	784	229	235	45	M20 x 2.5 42 deep	M12 x 1.75 28 deep	446	250	505	-
AM1330	340	410	110	450	242	228	490	34	969	339	348	50	M24 x 3.0 50 deep	M20 x 2.5 42 deep	483	265	563	-
AM1430	380	500	150	530	267	268	590	39	1022	262	-	70	M24 x 3.0 50 deep	M20 x 2.5 42 deep	581	355	680	581
AM1630	500	580	160	660	425	335	670	39	1162	312	-	80	M24 x 3.0 50 deep	M20 x 2.5 42 deep	675	425	805	675

GEAR REDUCER

DIMENSIONS – DOUBLE REDUCTION FLANGE MOUNT



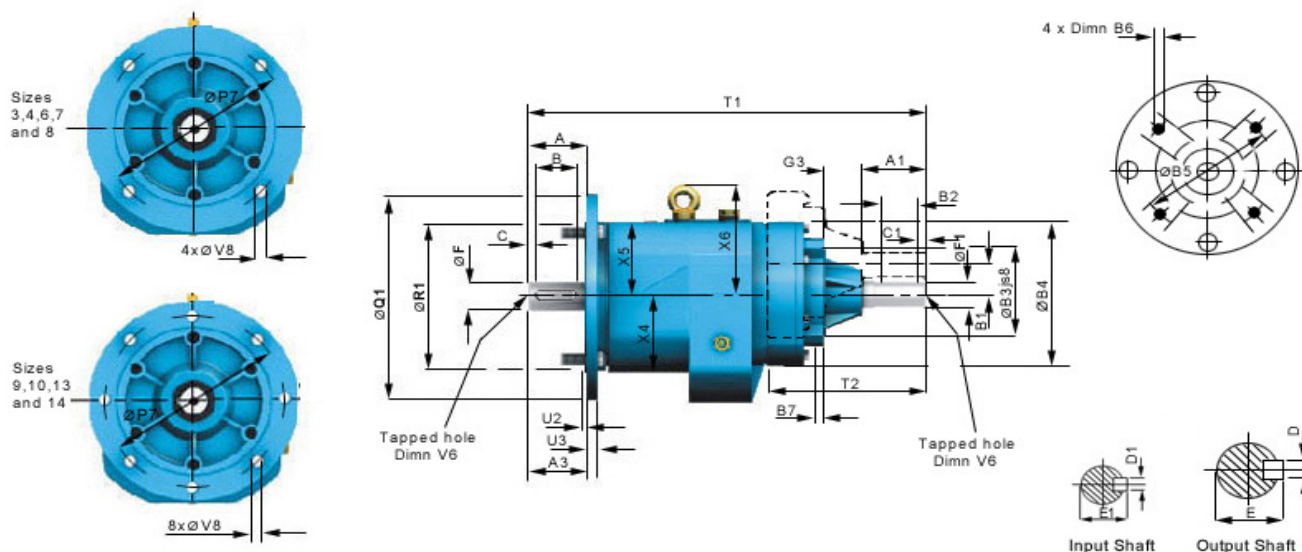
SIZE	A	A1	A3	B	B1	B2	ØB3	ØB4	ØB5	B6	B7	C	C1	D	D1	E	E1	ØF	ØF ₁	G3
AM0320	40	40	40	32		32	65	140	90	M8	16	4	4	6	5	22.5	18	20 k6	16 k6	12
AM0420	50	40	50	40		32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	12
AM0620	60	40	60	50		32	78	180	115	M10	17	7	4	8	6	33	21.5	30 k6	19 k6	22
AM0720	80	50	80	70		40	98	212	145	M12	20	5	5	12	8	43	27	40 k6	24 k6	23
AM0820	100	60	100	80		50	98	250	145	M12	20	10	5	14	8	53.5	31	50 k6	28 k6	23
AM0920	120	80	140	100		70	125	300	175	M16	30	10	5	18	10	64	41	60 m6	38 k6	23
AM1020	140	110	140	110		70	155	360	210	M20	36	15	10	20	12	74.5	45	70 m6	42 k6	34
AM1320	170	110	170	140		90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	34
AM1420	210	110	210	180	23.6	90	155	460	210	M20	36	10	10	28	16	116	59	100 m6	55 m6	34
AM1620	210	140	210	200	42.2	110	-	550	-	-	-	5	10	32	20	127	74.5	120 m6	70 m6	-

SIZE	P7	ØQ1	ØR1	T1	T2	U2	U3	V5	V6	V8	X4	X5	X6
AM0320	130	160	110 h8	294	111	3.5	7	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	10	80	70	-
AM0420	165	200	130 h8	317	111	3.5	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	12	95	88	-
AM0620	215	250	180 h8	369	111	4	12	M10 x 1.5 22 deep	M6 x 1.0 16 deep	15	113	115	-
AM0720	265	300	230 h8	440	115	4	14	M16 x 2.0 36 deep	M8 x 1.25 19 deep	15	138	138	-
AM0820	300	350	250 h8	555	160	5	16	M16 x 2.0 36 deep	M10 x 1.5 22 deep	18	187	-	173
AM0920	400	450	350 h8	660	195	5	18	M20 x 2.5 42 deep	M12 x 1.75 28 deep	18	230	-	198
AM1020	400	450	350 h8	782	233	5	22	M20 x 2.5 42 deep	M16 x 2.0 36 deep	18	260	-	245
AM1320	500	550	450 h8	907	286	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	278	-	288
AM1420	500	550	450 h8	1022	265	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	350	226	325
AM1620	600	660	550 h8	1162	-	6	28	M24 x 3.0 50 deep	M20 x 2.5 42 deep	22	415	250	380

all parallel keys are to DIN 6885

GEAR REDUCER

DIMENSIONS – TRIPLE REDUCTION FLANGE MOUNT



SIZE	A	A1	A3	B	B1	B2	ØB3	ØB4	ØB5	B6	B7	C	C1	D	D1	E	E1	ØF	ØF1	G3
AM0330	40	40	40	32	36	32	65	140	90	M8	16	4	4	6	5	22.5	18	20 k6	16 k6	12
AM0430	50	40	50	40	36	32	65	140	90	M8	16	7	4	8	5	28	18	25 k6	16 k6	12
AM0630	60	40	60	50	47	32	65	140	90	M8	16	7	4	8	5	33	18	30 k6	16 k6	12
AM0730	80	40	80	70	60	32	78	180	115	M10	17	5	4	12	6	43	21.5	40 k6	19 k6	22
AM0830	100	50	100	80	0	40	98	212	145	M12	20	10	5	14	8	53.5	27	50 k6	24 k6	23
AM0930	120	60	140	100	0	50	98	250	145	M12	20	10	5	18	8	64	31	60 m6	28 k6	23
AM1030	140	80	140	110	0	70	125	300	175	M16	30	15	5	20	10	74.5	41	70 m6	38 k6	23
AM1330	170	110	170	140	0	90	155	400	210	M20	36	15	10	25	16	95	59	90 m6	55 m6	34
AM1430	210	110	210	180	23.6	90	155	460	210	M20	36	10	10	28	16	116	59	100 m6	55 m6	34
AM1630	210	140	210	200	42.2	110	-	550	-	-	-	5	10	32	20	127	74.5	120 m6	70 m6	-

SIZE	P7	ØQ1	ØR1	T1	T2	U2	U3	V5	V6	V8	X4	X5	X6
AM0330	130	160	110 h8	350	167	3.5	7	M6 x 1.0 16 deep	M5 x 0.8 12.5 deep	10	80	70	-
AM0430	165	200	130 h8	373	167	3.5	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	12	95	88	-
AM0630	215	250	180 h8	435	177	4	12	M10 x 1.5 22 deep	M5 x 0.8 12.5 deep	15	113	115	-
AM0730	265	300	230 h8	522	197	4	14	M16 x 2.0 36 deep	M6 x 1.0 16 deep	15	138	138	-
AM0830	300	350	250 h8	540	145	5	16	M16 x 2.0 36 deep	M8 x 1.25 19 deep	18	187	-	173
AM0930	400	450	350 h8	662	197	5	18	M20 x 2.5 42 deep	M10 x 1.5 22 deep	18	230	-	198
AM1030	400	450	350 h8	784	235	5	22	M20 x 2.5 42 deep	M12 x 1.75 28 deep	18	260	-	245
AM1330	500	550	450 h8	969	348	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	278	-	288
AM1430	500	550	450 h8	1094	337	5	25	M24 x 3.0 50 deep	M20 x 2.5 42 deep	18	350	226	325
AM1630	600	660	550 h8	1162	-	6	28	M24 x 3.0 50 deep	M20 x 2.5 42 deep	22	415	250	380

all parallel keys are to DIN 6885

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 supposed 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 AGNEE 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 = 0.10197 kg.

Overhung member K (factor)

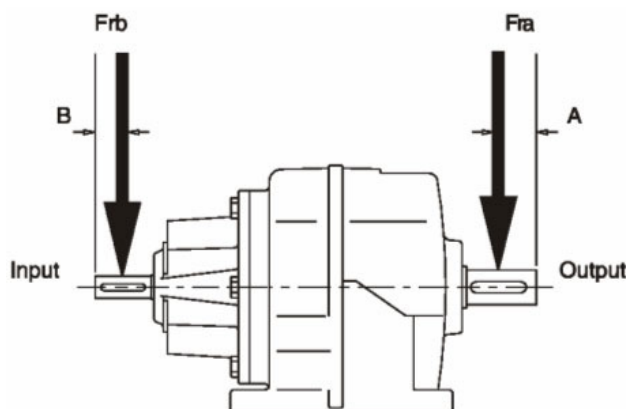
Chain sprocket* 1.00

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 stand is further than dimension Fra output or Frb input, refer to AGNEE



Distance midway along the shaft extension

Size of unit	No. of Reductions	Dimension n	Dimension B (mm)
AM03	2-3	20	20
AM04	2-3	25	20
AM06	2-5	30	20
AM07	2	40	25
AM07	3-5	40	20
AM08	2	50	30
AM08	3	50	25
AM08	4-5	50	20
AM09	2	60	40
AM09	3	60	30
AM09	4-5	60	20
AM10	2	70	55
AM10	3	70	40
AM10	4	70	25
AM10	5	70	25
AM13	2-3	85	55
AM13	4	85	30
AM13	5	85	25
AM14	2-3	105	55
AM14	4	105	30
AM14	5	105	25

OVERHUNG & LOADS (NEWTONS) & AXIAL THRUSTS (NEWTONS)

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 AGNEE

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

		OUTPUT REV/MIN															
		1000	630	500	400	320	250	200	160	125	100	80	63	50	40	32	25& UNDER
AM0320-AM0330	OHL(Fra)	1210	1290	1300	1410	1450	1475	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
	THRUST	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
AM0420-AM0430	OHL(Fra)	1850	1930	1980	2040	2060	2160	2240	2340	2470	2760	3010	3370	3420	3430	3430	3430
	THRUST	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700
AM0620-AM0650	OHL(Fra)	3120	3500	3580	3600	3700	3910	4000	4210	4410	4500	4780	5660	6040	6740	7070	7100
	THRUST	4530	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700
AM0720-AM0750	OHL(Fra)	4230	4650	4730	4730	4730	4730	4730	4840	5040	5680	6340	7180	7650	8280	9160	9300
	THRUST	6190	7030	7030	7030	7030	7030	7030	7030	7030	7200	7200	7200	7200	7200	7200	7200
AM0820-AM0850	OHL(Fra)	8100	8200	8200	8300	8400	8500	8500	8600	8800	9200	12200	13100	15600	18000	22200	22200
	THRUST	8200	8200	8200	8200	8200	8200	8200	8200	8500	8500	8500	10700	10700	10700	10700	10700
AM0920-AM0950	OHL(Fra)	10000	10100	10100	10200	10200	10400	10600	10800	11000	11400	13000	15700	17000	22400	26200	28000
	THRUST	9490	10200	10200	10200	10200	10200	10200	10200	10200	11800	13500	15300	15300	15300	15300	15300
AM1020-AM1050	OHL(Fra)	12000	12200	12200	12300	12300	12400	12400	12500	12500	13000	15000	15900	23000	28000	34000	40000
	THRUST	12400	12400	12400	12400	12400	12400	12400	12400	13500	13500	16700	16700	23800	23800	23800	23800
AM1320-AM1350	OHL(Fra)	28000	28300	28700	29200	29500	30000	31000	32500	35000	38000	42000	45000	51000	56000	60000	64000
	THRUST	24000	24000	24000	24000	24000	24000	24000	24000	26000	28000	31000	33000	38000	43000	43000	43000
AM1420-AM1450	OHL(Fra)	35000	35500	36000	37000	37500	38000	39000	40000	41000	43000	46000	52000	60000	70000	79000	79000
	THRUST	28000	28000	28000	28000	28000	28000	28000	28000	35000	37000	38000	41000	48000	48000	48000	48000

REDUCER OVERHUNG LOADS (Frb) ON INPUTSHAFT AT 1450 rev/min

	RATIO	SIZE									
		AM03	AM04	AM06	AM07	AM08	AM09	AM10	AM13	AM14	
DOUBLE REDUCTION UNIT	4.5	1640	1490	1470	1960	3130	1480	3900	11600	10400	
	5.6	1690	1550	1550	1960	3130	1480	3900	11600	10400	
	7.1	1690	1510	1500	863	1270	1490	2750	10500	7140	
	9.0	1730	1570	1580	1960	1270	1850	3710	10500	7140	
	11.0	1720	1540	1540	1790	1180	1500	2640	6920	2960	
	14.0	1760	1610	1620	2080	2850	2850	3520	9630	6190	
	18.0	1740	1580	1550	2020	2920	1540	3380	11500	4830	
	22.0	1770	1640	1660	2170	3190	3630	4210	11900	8240	
	28.0	1750	1590	1590	2090	2920	1690	4000	12400	11800	
	36.0	1780	1660	1690	2220	3260	3750	4530	12000	11800	
	45.0	1810	1710	1760	2320	3440	3950	4830	12300	11900	
	56.0	1790	1690	1800	2320	3500	4000	4820	12300	11900	
TRIPE REDUCTION UNIT	71.0	1820	1720	1800	2350	3500	4000	4920	12300	11900	
	40.0	1850	1770	1510	1780	-	-	-	13000	12600	
	50.0	1860	1800	1550	1840	-	-	-	13100	12600	
	63.0	1850	1780	1530	1810	2400	3500	4210	13100	12700	
	80.0	1860	1810	1570	1860	2470	3600	4270	13200	12900	
	100.0	1860	1790	1540	1830	2430	3550	4280	13200	12800	
	125.0	1860	1820	1580	1880	2490	3640	4330	13300	12900	
	160.0	1860	1830	1600	1920	2540	3700	4420	13600	13200	
	200.0	1860	1820	1590	1890	2510	3660	4370	13300	13000	
	250.0	1860	1840	1610	1920	2560	3720	4450	13600	13200	
QUADRUPLE REDUCTION UNIT ALL RATIOS		-	-	1720	1720	1800	1800	2350	3500	3500	
QUINTUPLE REDUCTION UNIT ALL RATIOS		-	-	1840	1840	1800	1800	2350	2350	2350	

MOMENTS OF INERTIA

MOMENTS OF INERTIA (Kg cm²) Referred to Input Shaft

DOUBLE REDUCTION

RATIO	AM0320	AM0420	AM0620	AM0720	AM0820	AM0920	AM1020	AM1320	AM1420
1.4	2.27	7.10	21.89	60.27	98.76	298.97	583.87	-	-
1.8	1.50	4.01	12.33	34.36	59.78	185.79	351.91	-	-
2.2	1.28	3.43	10.26	28.43	51.88	159.07	311.93	-	-
2.5	1.12	2.80	8.57	24.66	45.17	136.69	261.14	-	-
2.8	1.28	3.52	11.51	28.21	67.47	208.78	373.34	618.44	1169.23
3.2	0.89	1.96	6.02	16.37	32.93	101.76	184.28	547.14	971.05
3.6	0.84	1.67	5.06	13.67	28.81	88.07	164.27	551.66	990.96
4.0	0.96	2.19	7.08	17.65	44.21	138.20	244.01	409.81	709.48
4.5	0.86	1.93	6.08	15.19	39.27	121.18	220.71	367.33	624.20
5.0	0.88	1.88	6.17	15.00	41.62	129.68	229.30	375.04	617.93
5.6	0.80	1.67	5.36	13.08	37.17	114.41	208.27	338.51	551.99
6.3	0.69	1.24	3.96	9.95	26.84	83.65	142.60	256.20	412.87
7.1	0.67	1.11	3.46	8.70	23.97	73.56	128.51	232.37	366.99
8.0	0.66	1.12	3.60	8.93	25.82	80.41	136.92	241.60	378.20
9.0	0.64	1.01	3.18	7.91	23.16	70.97	123.64	220.47	338.87
10.	0.58	0.87	2.57	6.65	17.47	55.38	90.14	177.81	252.34
11.	0.56	0.79	2.28	5.76	15.62	49.65	79.04	150.52	221.93
12.	0.57	0.81	2.42	6.21	17.05	54.03	87.85	172.05	237.66
14.	0.55	0.75	2.17	5.42	15.31	48.61	77.25	146.03	210.55
16.	0.53	0.65	1.81	4.36	12.23	38.50	62.07	130.69	159.03
18.	0.52	0.63	1.75	3.97	11.17	35.43	56.22	117.53	148.96
20.	0.52	0.63	1.76	4.20	12.07	37.98	61.11	128.48	153.53
22.	0.51	0.61	1.70	3.84	11.04	35.01	55.45	115.79	144.43
25.	0.50	0.55	1.48	3.36	8.88	29.38	44.36	106.03	108.95
28.	0.50	0.54	1.44	3.22	8.54	27.96	40.93	101.72	104.88
32.	0.50	0.55	1.46	3.29	8.81	29.17	43.98	105.16	106.76
36.	0.49	0.53	1.42	3.17	8.48	27.78	40.65	101.02	103.01
40.	0.50	0.54	1.45	3.25	8.74	28.96	43.57	104.56	106.00
45.	0.49	0.53	1.41	3.13	8.42	27.61	40.34	100.54	102.37
50.	0.49	0.51	1.33	2.89	7.49	24.75	37.01	90.76	91.36
56.	0.48	0.51	1.30	2.80	7.36	24.25	35.39	88.24	88.84
63.	0.49	0.51	1.32	2.87	7.46	24.66	36.85	90.51	91.01
71.	0.48	0.50	1.30	2.78	7.34	24.17	35.24	88.01	88.56

TRIPLE REDUCTION

RATIO	AM0330	AM0430	AM0630	AM0730	AM0830	AM0930	AM1030	AM1330	AM1430
36.	0.56	0.59	0.87	2.58	-	-	-	-	-
40.	0.55	0.57	0.80	2.29	-	-	-	141.23	200.86
45.	0.56	0.58	0.86	2.55	-	-	-	165.44	224.05
50.	0.54	0.56	0.79	2.26	-	-	-	140.87	199.99
56.	0.52	0.53	0.65	1.82	8.46	23.22	52.42	126.12	148.84
63.	0.51	0.52	0.63	1.75	7.46	20.29	47.00	113.93	140.57
71.	0.52	0.53	0.65	1.81	8.45	23.18	52.35	125.94	148.41
80.	0.51	0.52	0.63	1.74	7.45	20.26	46.94	113.79	140.23
90.	0.50	0.50	0.55	1.48	5.26	14.54	36.06	104.23	104.90
100	0.49	0.50	0.54	1.44	4.94	13.17	32.86	100.27	101.43
112	0.50	0.50	0.55	1.48	5.26	14.53	36.03	104.16	104.73
125	0.49	0.50	0.54	1.43	4.93	13.16	32.84	100.21	101.28
140	0.50	0.50	0.55	1.47	5.25	14.51	36.00	104.11	104.67
160	0.49	0.50	0.54	1.43	4.93	13.15	32.81	100.18	101.23
180	0.49	0.49	0.52	1.34	3.95	10.17	29.39	90.33	90.44
200	0.48	0.48	0.51	1.31	3.83	9.67	27.79	87.86	88.11
225	0.49	0.49	0.52	1.34	3.95	10.16	29.38	90.31	90.41
250	0.48	0.48	0.51	1.31	3.83	9.67	27.78	87.84	88.09

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

GD² (Kg cm²) = 4 x Moment of Inertia (Kg cm²)

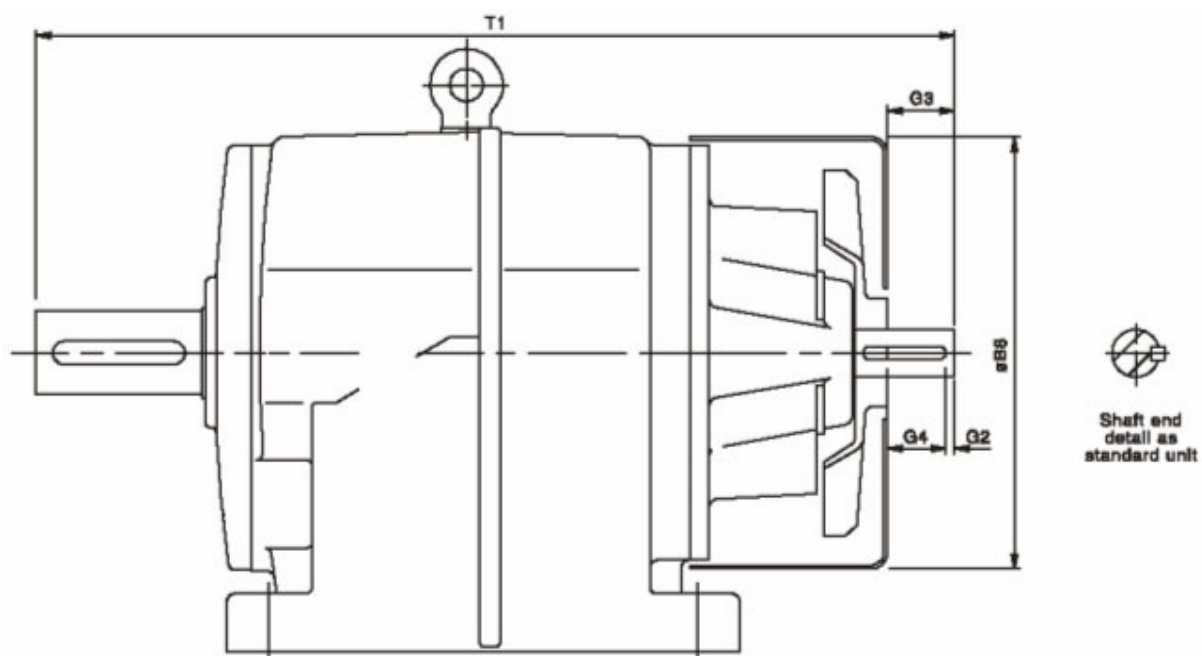
FAN COOLED UNITS

Column 10 Entry

For reducer fan kit modules enter in column 10

(or if used in conjunction with a reducer backstop module kit)

Dimension of Fan cooled Units



Unit Size	Moment of Inertia * (Kg cm ²)	ØB8	G2	G3	G4	T1
AM0720	13.1	225	5	35	30	440
AM0820	13.1	265	5	45	40	555
AM0920	33.5	320	5	65	60	660
AM1020	33.5	380	10	95	85	782
AM1320	210	420	10	85	75	907
AM1420	210	480	10	85	75	1018
AM1620	210	570	10	112	102	1064

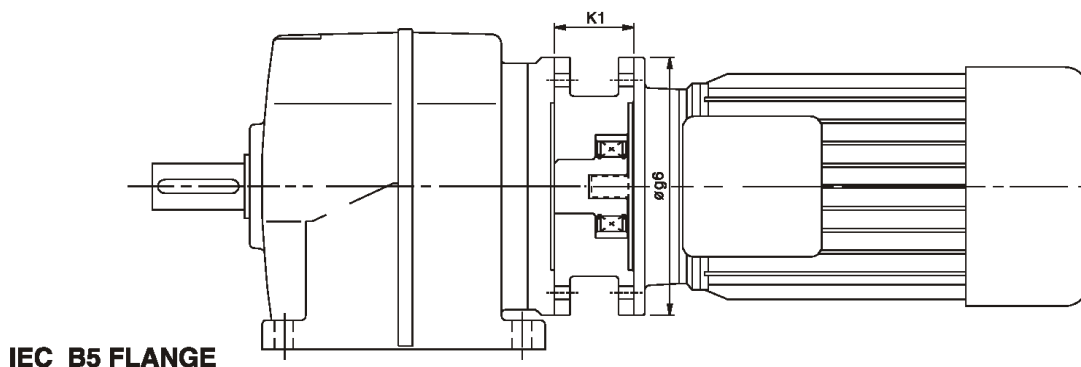
* Moment of Inertia of fan should be added to inertia value of gear unit on

MOTORISED BACKUP 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 $+50^{\circ}\text{C}$

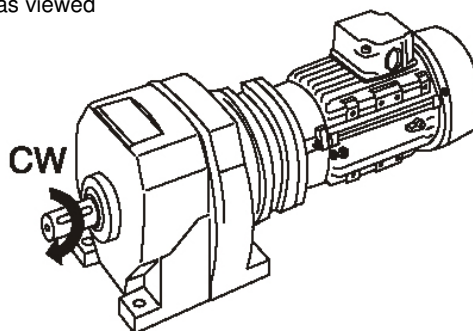


Motor Frame Size	Lift off Speed ('n' min) (rev/min)	Rated Locking Torque ('T max') (at motor) (Nm)	Øg6	K1
100	670	170	250	70
112	670	170	250	70
132	620	940	300	95
160	620	940	350	130
180	620	940	350	130
200	550	1260	400	130

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

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

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



REDUCER BACKSTOP MODULE

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

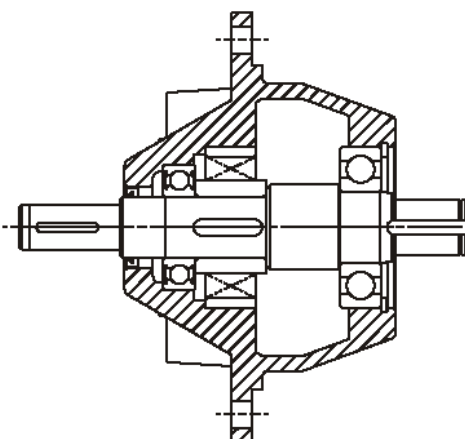
Suitable for ambient temperature -40°C to + 50° C

Column 10 Entry

For Reducer backstop modules enter ☐ X in column 10

☐ Y

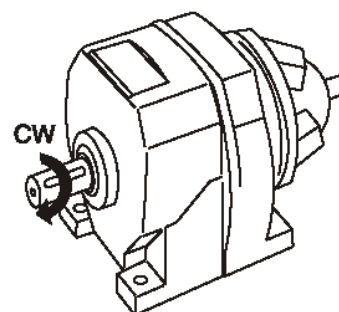
(or if used in conjunction with fan kit)



Unit Size	Lift off Speed ('n' min) (at input shaft) (rev/min)	Rated Locking Torque ('T max') (at input shaft) (Nm)
AM0720	670	170
AM0820	670	300
AM0830	670	170
AM0920	620	940
AM0930	670	300
AM1020	550	1260
AM1030	670	300
AM1320	550	2400
AM1330	550	2400
AM1420	550	2400
AM1430	550	2400

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

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



SHIPPING SPECIFICATION –VOLUME

Unit sizes and no. of Reductions			AM0320		AM0330		AM0420		AM0430		AM0620		AM0630		AM0720		AM0730		AM0820		AM0830	
COLUMN ENTRY			B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION			.006	.008	.010	.010	.009	.013	.012	.015	.017	.023	.020	.027	.030	.040	.034	.047	.063	.070	.061	.068
MOTORISED	63	With Motor	.010	.011	.014	.015	.013	.016	.017	.018	.022	.028	.026	.033			.039	.054				
		Without Motor	.010	.006	.008	.008	.007	.009	.010	.011	.013	.017	.017	.021			.027	.038				
	71	With Motor	.005	.012	.015	.015	.015	.018	.018	.020	.024	.030	.029	.034			.043	.058				
		Without Motor	.011	.006	.008	.008	.008	.009	.010	.012	.013	.017	.018	.021			.029	.039				
	80	With Motor	.013	.014			.017	.020	.021	.023	.030	.032	.034	.037	.039	.052	.048	.059	.069	.085	.070	.086
		Without Motor	.006	.006			.009	.010	.012	.013	.014	.017	.020	.024	.024	.031	.031	.039	.045	.056	.048	.057
	90	With Motor	.017	.018			.021	.026			.032	.038	.044	.044	.048	.057	.061	.065	.081	.090	.083	.092
		Without Motor	.008	.008			.010	.012			.017	.020	.025	.025	.028	.032	.037	.040	.050	.056	.052	.059
	100/112	With Motor	.020	.022			.026	.031			.041	.047			.057	.066	.075	.081	.092	.099	.096	.104
		Without Motor	.008	.009			.011	.013			.020	.023			.030	.035	.044	.047	.053	.056	.056	.061
	132	With Motor									.049	.056			.068	.079			.107	.110		
		Without Motor									.022	.026			.033	.038			.057	.058		
	160	With Motor													.094	.109			.145	.148		
		Without Motor													.041	.047			.068	.070		

Unit sizes and no. of Reductions			AM0920		AM0930		AM1020		AM1030		AM1320		AM1330		AM1420		AM1430	
COLUMN ENTRY			B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION			.106	.134	.107	.134	.169	.178	.169	.178	.240	.283	.256	.302	.352	.359	.376	.384
MOTORISED	80	With Motor	.104	.152	.107	.158			.152	.199								
		Without Motor	.072	.102	.076	.111			.112	.147								
	90	With Motor	.120	.161	.124	.166			.173	.208								
		Without Motor	.079	.106	.083	.111			.122	.147								
	100/112	With Motor	.135	.176	.139	.181	.182	.213	.193	.226	.238	.329	.252	.348	.323	.411	.342	.436
		Without Motor	.082	.107	.086	.112	.116	.135	.127	.148	.162	.223	.176	.242	.229	.292	.249	.317
	132	With Motor	.150	.189			.206	.227	.218	.240	.268	.348	.283	.367	.359	.433	.380	.458
		Without Motor	.088	.107			.123	.135	.135	.148	.172	.223	.187	.242	.242	.292	.263	.317
	160/180M	With Motor	.205	.226			.269	.269	.282	.282	.332	.389	.348	.408	.436	.478	.459	.504
		Without Motor	.105	.115			.145	.145	.158	.158	.189	.221	.205	.240	.264	.289	.287	.315
	180/200	With Motor	.233	.255			.303	.303	.297	.297	.372	.412	.389	.431	.485	.505	.509	.530
		Without Motor	.112	.122			.154	.154	.157	.157	.199	.221	.217	.240	.278	.289	.302	.315
	225	With Motor	.266	.291			.344	.344			.419	.448	.438	.468	.542	.546	.567	.572
		Without Motor	.184	.134			.168	.168			.217	.232	.235	.251	.300	.302	.325	.327
	250	With Motor									.470	.502			.603	.607		
		Without Motor									.267	.286			.360	.363		
	280	With Motor									.581	.617			.735	.741		
		Without Motor									.306	.324			.408	.412		

ALL VOLUMES IN m³

COLUMN 9 ENTRY **B** - BASE MOUNT

F - FLANGE MOUNT

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

SHIPPING SPECIFICATION

Unit sizes and no. of Reductions			AM0320		AM0330		AM0420		AM0430		AM0620		AM0630		AM0720		AM0730		AM0820		AM0830	
COLUMN ENTRY			B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F
REDUCER VERSION			8.5	9.5	12	13	11	13	15	17	22	23	26	27	41	44	49	52	67	69	74	76
MOTORISED	63	Without Motor	8	9	12	13	11	13	15	17	20	21	25	26			47	50				
		With Motor	12	13	16	17	15	17	19	21	24	25	29	30			51	54				
		With motor &Brake	13	14	17	18	16	18	20	22	25	26	30	31			52	55				
	71	Without Motor	8	9	11	12	11	13	15	17	20	21	25	26			47	50				
		With Motor	14	15	18	19	17	19	21	23	26	27	31	32			52	55				
		With motor &Brake	15	16	19	20	18	20	22	24	27	28	32	33			53	56				
	80	Without Motor	9	10	12	13	12	14	16	18	21	22	26	27	38	41	47	50	71	73	76	78
		With Motor	18	19			21	23	24	26	30	31	36	37	47	50	56	59	80	83	86	88
		With motor &Brake	20	21			23	25	26	28	32	33	38	39	49	52	58	61	82	85	88	90
	90S	Without Motor	9	10	13	14	12	14	16	18	21	22	27	28	38	41	48	51	71	73	76	78
		With Motor	22	23			25	27			34	35	39	40	51	54	60	63	84	86	89	91
		With motor &Brake	25	26			28	30			37	38	42	43	54	57	63	66	86	88	91	93
	90L	Without Motor	9	10	13	14	12	14	16	18	21	22	27	28	38	41	48	51	71	73	76	78
		With Motor	24	25			28	30			36	37	42	43	54	57	63	67	86	88	91	93
		With motor &Brake	27	28			31	33			39	40	45	46	57	60	66	70	89	91	94	96
	100	Without Motor	10	11	14	15	13	15	16	18	26	27	27	28	44	47	55	58	71	73	76	78
		With Motor	32	33			35	37			48	49			65	68	74	77	92	94	98	100
		With motor &Brake	37	38			40	42			53	54			70	73	79	82	97	99	103	105
	112	Without Motor	10	11	14	15	13	15	16	18	26	27	27	28	44	47	55	58	71	73	76	78
		With Motor	41	42			44	46			57	58			74	77			102	104	107	109
		With motor &Brake	46	47			49	51			62	63			79	82			109	111	112	114
	132S	Without Motor									28	29			45	48			71	73	78	81
		With Motor									70	71			87	90			113	115		
		With motor &Brake									79	80			96	99			122	124		
	132M	Without Motor									28	29			45	48			71	73	78	81
		With Motor									80	81			97	100			123	125		
		With motor &Brake									89	90			106	109			132	134		
	160M	Without Motor													49	52			81	83	82	85
		With Motor													121	124			153	155		
	160L	Without Motor													49	52			81	83	82	85
		With Motor													134	137			166	168		
	180M	Without Motor																				
		With Motor																				
	180L	Without Motor																				
		With Motor																				
	200L	Without Motor																				
		With Motor																				
	225S	Without Motor																				
		With Motor																				
	225M	Without Motor																				
		With Motor																				
	250M	Without Motor																				
		With Motor																				
	280S	Without Motor																				
		With Motor																				
	280M	Without Motor																				
		With Motor																				

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

ALL WEIGHTS IN KG

ALLWEIGHTS EXCLUDE LUBRICANT

Column 9 ENTRY **B** - BASE MOUNT

F - FLANGE MOUNT

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

SHIPPING SPECIFICATION

Unit sizes and no. of Reductions			AM0920		AM0930		AM1020		AM1030		AM1320		AM1330		AM1420		AM1430		AM1620/AM1630		
COLUMN ENTRY			B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	
REDUCER VERSION			114	117	123	126	170	166	179	175	248	245	270	267	360	340	405	385	630	640	
MOTORISED	63	Without Motor																			
		With Motor																			
		With motor &Brake																			
	71	Without Motor																			
		With Motor																			
		With motor &Brake																			
	80	Without Motor	117	120	127	130			182	178											
		With Motor	127	130	137	140			192	188											
		With motor &Brake	129	132	139	142			193	187											
	90S	Without Motor	117	120	127	130			182	178											
		With Motor	130	133	140	143			195	191											
		With motor &Brake	132	135	143	145			198	194											
	90L	Without Motor	117	120	127	130			182	178											
		With Motor	132	135	142	145			197	193											
		With motor &Brake	135	138	145	148			200	196											
	100	Without Motor	117	120	127	130	163	159	182	178	239	236	271	268			394	374			
		With Motor	139	142	169	172	185	181	204	200	261	258	293	290			416	396			
		With motor &Brake	144	147	174	177	190	186	209	205	266	263	298	295			421	401			
	112	Without Motor	117	120	127	130	163	159	182	178	239	236	271	268			394	374			
		With Motor	148	151	158	161	194	190	213	209	270	267	302	299			425	405			
		With motor &Brake	153	156	162	165	199	195	218	214	275	272	307	304			430	410			
	132S	Without Motor	117	120	127	130	163	159	182	178	239	236	271	268			394	374			
		With Motor	159	162			205	201	224	220	281	278	313	300			436	416			
		With motor &Brake	168	171			214	210	233	229	290	287	318	305			445	425			
	132M	Without Motor	117	120	127	130	163	159	182	178	239	236	271	268			394	374			
		With Motor	169	172			215	211	234	230	291	288	323	320			446	426			
		With motor &Brake	178	181			224	220	243	239	300	297	328	325			455	435			
	160M	Without Motor	124	127	137	140	172	168	189	185	247	244	279	276	357	337	402	382			
		With Motor	196	199			244	240	261	257	319	316	351	348	429	409	474	454			
	160L	Without Motor	124	127	137	140	172	168	189	185	247	244	279	276	357	337	402	382			
		With Motor	209	212			244	240	274	270	332	329	364	361	442	422	487	467			
	180M	Without Motor	124	127			172	168	189	185	247	244	279	276	357	337	402	382	656	628	
		With Motor	232	235			280	276	297	293	345	342	377	374	465	445	510	490	805	803	
	180L	Without Motor	124	127			172	168	189	185	247	244	279	276	357	337	402	382	656	628	
		With Motor	268	271			316	312	333	329	381	378	413	410	501	481	546	526	815	813	
	200L	Without Motor	124	127			172	168	190	186	247	244	279	276	357	337	402	382	661	634	
		With Motor	292	295			340	336			405	402	437	434	525	505	570	550	860	866	
	225S	Without Motor	138	141			186	182	204	200	261	258	293	290	371	351	416	396	668	639	
		With Motor	345	348			393	389			468	465	500	497	578	558	623	603	919	928	
	225M	Without Motor	138	141			186	182	204	200	261	258	293	290	371	351	416	396	668	639	
		With Motor	363	366			411	407			486	483	518	515	596	576	641	621	952	961	
	250M	Without Motor									310	307	342	339	420	400	457	437	675	586	
		With Motor									574	571			684	664			1024	980	
	280S	Without Motor									310	307	342	339	420	400	457	437	675	586	
		With Motor									672	669			782	762			1140	1096	
	280M	Without Motor									310	307	342	339	420	400	457	437	675	586	
		With Motor									737	734			847	827			1230	1186	
	315S	Without Motor																	699	-	
		With Motor																	1400	-	
	315M	Without Motor																	699	-	
		With Motor																	1440	-	

FIGURES IN ITALICS INDICATE THAT FRAME SIZE CAN BE FITTED BUT IS BEYOND THE MECHANICAL RATING OF THE UNIT
ALL WEIGHTS IN KG ALL WEIGHTS EXCLUDE LUBRICANT

Column 9 ENTRY

B BASE MOUNT
F FLANGE MOUNT

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

PRODUCT SAFETY

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 AGNEE 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.

AGNEE 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 care 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 In 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, AGNEE 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 overlap 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 AGNEE 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 AGNEE.

Dear User

Kindly furnish the following Technical Data and Information for selection of Inline helical Gear Box.

- 1) Application
- 2) Prime Mover (Electric motor / Hydraulic motor) :
- 3) Input Shaft (rpm)
- 4) Output Speed (rpm)
- 5) Reduction Ratio:
- 6) Input Power (HP/ Kw):
- 7) Output Torque (kg-m or Nm):
- 8) Load Nature Uniform (U)/ Moderate Shock (M) / Heavy shock (H):
- 9) Service Duration (Hrs): (Daily operating hours)
- 10) Operating Cycle (Minutes cycle):

- 11) Operating Position:

For your specific Reduction Ratios, Output speed, Out Torque, Please write to AGNEE

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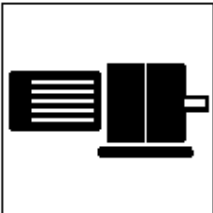
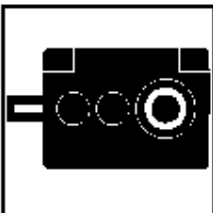
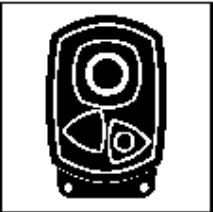
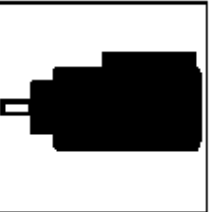
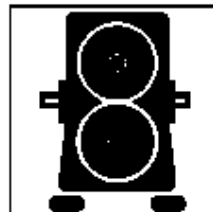
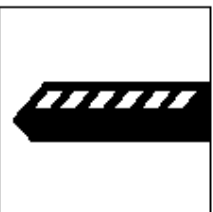
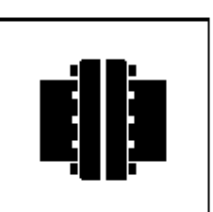
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