radicon

with you at every turn

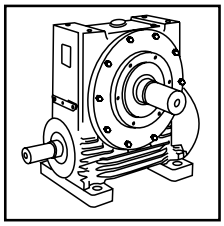
Series P Planetary

Technical
Up to - 120Hp / 575000 lbin

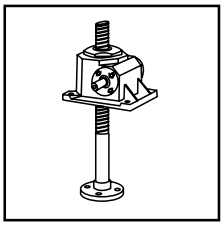
Planetary
CP-2.00US0316

PRODUCTS IN THE RANGE

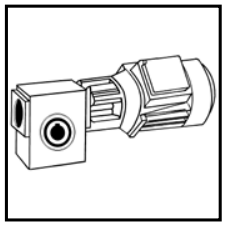
Serving an entire spectrum of mechanical drive applications from food, energy, mining and metal; to automotive, aerospace and marine propulsion, we are here to make a positive difference to the supply of drive solutions.



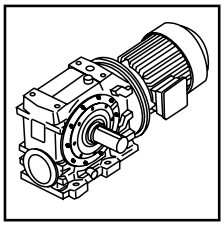
Series A
Worm Gear units and geared motors in single & double reduction types



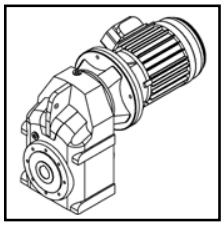
Series BD
Screwjack worm gear unit



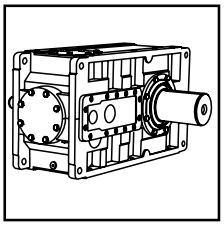
Series BS
Worm gear unit



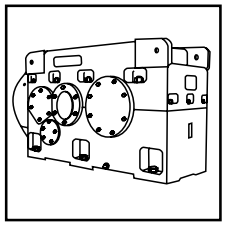
Series C
Right angle drive helical worm geared motors & reducers



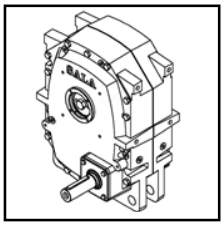
Series F
Parallel angle helical bevel helical geared motors & reducers



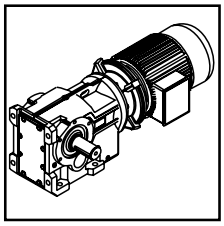
Series G
Helical parallel shaft & bevel helical right angle drive gear units



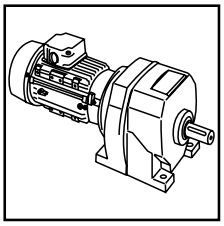
Series H
Large helical parallel shaft & bevel helical right angle drive units



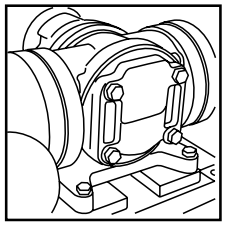
Series J
Shaft mounted helical speed reducers



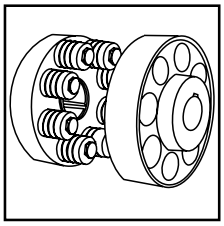
Series K
Right angle helical bevel helical geared motors & reducers



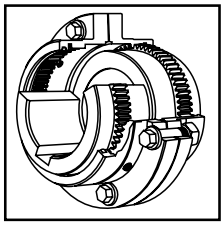
Series M
In-line helical geared motors & reducers



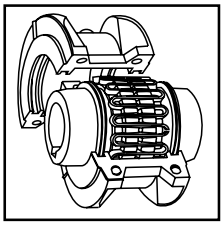
Roloid Gear Pump
Lubrication and fluid transportation pump



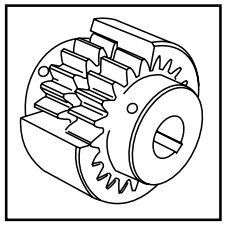
Series X
Cone Ring
Pin and bush elastomer coupling



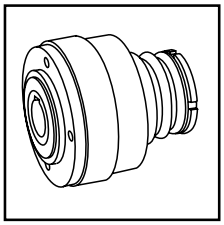
Series X
Gear
Torsionally rigid, high torque coupling



Series X
Grid
Double flexing steel grid coupling



Series X
Nylicon
Gear coupling with nylon sleeve



Series X
Torque Limiter
Overload protection device

We offer a wide range of repair services and many years experience of repairing demanding and highly critical transmissions in numerous industries.

We can create custom engineered transmission solutions of any size and configuration.

CONTENTS

General Description	2
Selection	3 - 6
Designation	7
Nominal Torque	8 - 9
Overhung Loads	10 - 11
PL01 Ratings / Dimensions	14
PL02 Ratings / Dimensions	16
PL03 Ratings / Dimensions	18
PL05 Ratings / Dimensions	20
PL08 Ratings / Dimensions	22
PL12 Ratings / Dimensions	24
PL16 Ratings / Dimensions	26
PL25 Ratings / Dimensions	28
PL40 Ratings / Dimensions	30
PL65 Ratings / Dimensions	32
Motorized Ratings PL units	34 - 53
PR01 Ratings / Dimensions	56
PR02 Ratings / Dimensions	58
PR03 Ratings / Dimensions	60
PR05 Ratings / Dimensions	62
PR08 Ratings / Dimensions	64
PR12 Ratings / Dimensions	66
PR16 Ratings / Dimensions	68
PR25 Ratings / Dimensions	70
PR40 Ratings / Dimensions	72
PR65 Ratings / Dimensions	74
Motorized Ratings PR units	76 - 89
Lubrication	90 - 92
Shipping Specification	93 - 94

SERIES P

GENERAL DESCRIPTION

The range of Series P Planetary units has 10 sizes with ratio coverage from 3.6:1 to 3200:1 providing an efficient and compact drive solution to meet power requirements up to 120 HP and 575,000 lb.in torque capacity.

The range takes advantage of many years of accumulated design expertise, together with the use of high quality materials and components, the end result is a high quality series of planetary gear reducers and geared motors offering a high load carrying capacity, high efficiency, quiet running and reliable drive solution.

Standard unit versions available:

Parallel (coaxial) and Right Angle drive options:
- Base Mounted
- Flange Mounted

Input options:
- Input shaft with keyway
- Motor adapter to suit fitting of IEC B5 motor
- Motor adapter to suit fitting of NEMA C flange motor
- Motor adapter to suit Hydraulic or Servo Motor’s

Output options:
- Output shaft with keyway
- Hollow output shaft to suit connection with shrink disc
- Output shaft with external spline
- Output shaft with internal spline

Design features:

- Gears are manufactured from high quality materials heat treated and profile ground providing a high level of surface finish to ensure efficient high load carrying capacity and quiet operation
- Motor connections are designed to suit standard IEC or NEMA C motors, other motor connections can be provided on request.
- All units are designed with ability to fit double oil seals to both input and output shaft assemblies
- Units are designed to be dimensionally interchangeable with other major manufacturers
- Units are modular in design allowing many possible unit combinations to be built from a limited inventory
- Units are designed so that they may be easily customised to suit more exacting customer requirements.

GEAR UNIT SELECTION

f Service Factor (f = fm x fs) **fm** Mechanical Service Factor

Fr1 Input Shaft Radial Load Capacity (Lb's) **Fr2** Output Shaft Radial Load Capacity (Lb's)

fs Starting Frequency Factor

n1 Input Speed (rpm) **n2** Output Speed (rpm)

i Actual Transmission Ratio = $\frac{n1}{n2}$ **iN** Nominal Transmission Ratio

Pe Absorbed Power (HP) **T2** Rated Output Torque (Lb.in)

M2 Output Torque (Lb.in) = $\frac{Pe \times 63000}{n2}$ **T2a** Required Rated Torque (Lb.in) = M2 x f

n2*h Output Speed (rpm) x Operating Hours **h** Lifetime (hours)

Pt Thermal Rating (when t = 70 °F) **fw** Thermal Rating Modifying Factor

t Ambient Temperature (°F)

Mechanical Service Factor fm

Prime Mover	Operating Duty Hours/ Day	Load Classification Driven Machine		
		U Uniform	**M** Moderate	**H** Heavy
Electric Motor Hydraulic Motor	< 3	0.80	1.00	1.50
	3 to 10	1.00	1.25	1.75
	>10	1.25	1.50	2.00
Piston Engine >3 Cylinders	< 3	1.00	1.25	1.75
	3 to 10	1.25	1.50	2.00
	>10	1.50	1.75	2.25
Piston Engine 1-3 Cylinders	< 3	1.25	1.50	2.00
	3 to 10	1.50	1.75	2.25
	>10	1.75	2.00	2.50

Starting Frequency Factor fs

Starts (or Stops) per Hour	fs
1	1.00
2 - 5	1.06
6 - 10	1.10
11 - 40	1.16
41 - 80	1.20
>80	1.25

Thermal Modifying Factor fw

Ambient Temperature	Duration of Operation per Hour				
	100%	80%	60%	40%	20%
-5°F	1.50	1.61	1.78	2.06	2.65
15°F	1.35	1.45	1.60	1.86	2.38
32°F	1.25	1.34	1.48	1.72	2.20
50°F	1.12	1.20	1.33	1.54	1.98
70°F	1.00	1.07	1.19	1.37	1.76
80°F	0.95	1.02	1.13	1.31	1.68
86°F	0.88	0.94	1.04	1.21	1.55
105°F	0.75	0.80	0.89	1.03	1.32
120°F	0.63	0.67	0.75	0.87	1.11

Load Classification by Application

Load Classification
U Uniform Load
M Moderate Shock Load
H Heavy Shock Load
† Consult our Engineers

Agitators	
Pure liquids	U
Liquids and solids	M
Liquids variable density	M
Blowers	U
Centrifugal	M
Lobe	U
Vane	
Brewing & distilling	
Bottling machinery	M
Brew kettles	M
Cookers	M
Mash tubs	M
Scale Hopper	M
Can filling machine	M
Crane knife	M
Car dumper	M
Car puller	M
Clarifier	U
Classifier	M
Clay working machinery	
Brick press	H
Briquette machine	H
Clay working machine	M
Plug mill	M
Compressors	
Centrifugal	U
Lobe	M
Reciprocating	
Multi- cylinder	M
Single cylinder	H
Conveyors-Light duty uniform load	
Apron	U
Assembly	U
Belt	U
Bucket	U
Chain	U
Flight	U
Oven	U
Screw	U
Conveyors-Heavy duty non-uniform load	
Apron	M
Assembly	M
Belt	M
Bucket	M
Chain	M
Flight	M
Live roll	†
Oven	M
Reciprocating	M
Screw	M
Shaker	M
Cranes	†
Crusher	
Ore	H
Stone	H
Sugar	H

Dredgers	M
Conveyors	H
Cutter head drive	H
Pumps	M
Screen Drive	H
Stackers	M
Winches	M
Elevators	
Bucket - Uniform load	U
Bucket - Heavy load	M
Bucket - Continuous	U
Centrifugal discharge	U
Escalators	U
Freight	M
Gravity discharge	U
Passenger Lifts	†
Fans	
Centrifugal	U
Cooling towers	
Induced draft	†
Forced draft	†
Fan- Large diameter induced draft	M
Fan, light, small diameter	M
Feeders	
Apron	M
Belt	M
Disc	U
Reciprocating	H
Screw	M
Food Industry	
Cereal cooker	U
Dough mixer	M
Meat grinder	M
Meat slicer	M
Generators - not welding	U
Hammer mills	H
Hoists	
Heavy duty	H
Medium duty	M
Skip hoist	M
Laundry	
Tumbler	M
Washer	M
Line shafts	
Heavy duty	M
Light duty	U
Lumber industry	
Barkers	M
Burner conveyor	M
Chain / Drag saw	H
Chain transfer	H
Chain way transfer	H
De-barking drum	H
Edger feed	M
Gang feed	M
Green chain	M
Live roll	H
Log deck	H
Log Haul	H
Log turning	H
Log conveyor	H
Of bearing roll	M
Planer feed chains	M
Planer hoist	M
Re-saw conveyor	M
Roll cases	H
Slab conveyor	H
Sorting table Triple hoist	M
Triple hoist - drive/conveyor	M
Transfer conveyor	M
Transfer roll	M
Tray drive	M
Trimmer feed	M
Waste conveyor	M
Small waste conveyor (belt)	U
Small waste conveyor (chain)	M

Machine Tools	
Bending roll	M
Punch press	H
Notching press	H
Plate planer	H
Other machine tools	
Main drive	M
Aux drive	U
Metal mills	
Carriage / Main drive	M
Draw bench	M
Dryer	M
Flattening machine	M
Pinch drive	M
Reversing slitters	M
Scrubber rolls	M
Table conveyors	
Group drives	M
Individual drives	H
Table conveyors - reversing	H
Wire draw	M
Wire roll	M
Mills	
Cement kiln	H
Dryer, Cooler	H
Kiln (other)	H
Rod plain	H
Rod wedge bar	H
Rotary / Ball	H
Tumbling barrel	H
Mixers	
Concrete	M
Cons density	U
Variable density	M
Oil Industry	
Chillers	M
Oil well pump	M
Filter press	M
Rotary kiln	M
Paper	
Agitator (mixer)	M
Barker (hydraulic)	M
Barker (mechanical)	H
Barking drum	H
Beater & pulper	M
Bleacher	U
Calenders	M
Calender- Super	H
Converting machine	M
Conveyors	U
Couch	M
Cutters - plates	H
Cylinders	M
Dryers	M
Felt stretcher	M
Felt whipper	H
Jordans	M
Log haul	H
Machine reel	M
Presses	M
Stock chest	M
Suction roll	M
Washers & thickeners	M
Winders	M
Printing presses	†
Pullers	
Barge haul	H
Pumps	
Centrifugal	U
Proportioning	M
Reciprocating	
Single acting 3+ cylinders	M
Double acting 2+ cylinders	M
Single acting 1 & 2 cylinders	†
Double acting 1 cylinder	†
Rotary - gear type	U
Rotary - lobe type / vane	U

Sand muller	M
Sewage treatment	
Bar screen	U
Chemical feeder	U
Collector	U
Dewatering screw	M
Mixers	M
Scum breaker	M
Thickeners	M
Vacuum filters	M
Screens	
Air washing	U
Rotary, stone or gravel	M
Travelling water intake	U
Slab pushers	M
Slewing	H
Steering gear	†
Stokers	U
Sugar Industry	
Cane Knife	M
Crusher	M
Mills	M
Textile Industry	
Batchers	M
Calenders	M
Cards	M
Dry cans	M
Dryers	M
Dyeing machinery	M
Knitting machines	M
Looms	M
Mangles	M
Nappers	M
Pads	M
Range drive	M
Slashers	M
Soapers	M
Spinners	M
Tenter frame	M
Washers	M
Winders	M
Windlass	†

SELECTION EXAMPLE

Absorbed Power (Pe) = 6 HP

n1 = 1750 rpm, n2 = 22 rpm

Required Ratio (i) = $\frac{1750}{22}$ = 79:5

Ambient Temperature (t) = 85°F

Moderate Shock Loading - 1 start / hour
8 hours / day - Continuous Operation
Expected Service Life 20,000 hours

1. Determine the Service Factor - f

Mechanical Service Factor Table **fm ,**

Prime Mover	Operating Duty Hours/ Day	Load Classification Driven Machine		
		U Uniform	**M** Moderate	**H** Heavy
Electric Motor Hydraulic Motor	< 3	0.80	1.00	1.50
	3 to 10	1.00	1.25	1.75
	>10	1.25	1.50	2.00
Piston Engine >3 Cylinders	< 3	1.00	1.25	1.75
	3 to 10	1.25	1.50	2.00
	>10	1.50	1.75	2.25

Starting Frequency Factor Table **fs**

Starts (or Stops) per Hour	fs
1	1.00
2 - 5	1.06
6 - 10	1.10
11 - 40	1.16
41 - 80	1.20
>80	1.25

f = fm x fs (1.25 x 1.00) **f** = 1.25

2. Determine the Output Torque - M2

M2 = $\frac{Pe \times 63000}{n2}$

M2 = $\frac{6.0 \times 63000}{22}$ = 17182 lb-in

3. Determine the Required Rated Torque - T2a

T2a = M2 x f

T2a = 17182 x 1.25 = 21477 lb-in

4. Determine the Required n2*h Value

n2*h = n2(rpm) x h (hours)

N2*h = 22 x 20,000 = 440,000 hours

5. Select the Gear Unit

Refer to: The Selection Tables

Series P	Ratio *i*N	Ratio *i*	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP) Type B	Pt (HP) Type F
			10,000	25,000	50,000	100,000	500,000	1,000,000			
PL0330	56.	55.09	34781	32745	32285	30090	22442	18229	3500	13.7	13.2
	71.	66.79	34781	32745	32285	30090	22442	18229		13.6	13.1
	80.	80.96	34781	32745	32285	30090	22442	18229		13.5	12.9
	90.	87.83	34781	32745	32285	30090	22442	18229		13.4	12.9

Use the n2*h column that is both nearest and greater than the required n2*h value.
The required n2*h = 400,000 hours - The nearest n2*h column is 500,000 hours
Select the nearest gear unit with a rated torque T2 (Nm) that is greater than the required torque T2a (Nm)
Gear Unit Selection: PL0330, *i*n = 80. T2 = 22442 lb-in > T2a (21477 lb-in)
Check the exact ratio *i* (80.96:1) is within range of the required ratio

6. Determine the Thermal Modifying Factor - fw

Refer to: Thermal Modifying Factor Table **fw**

Ambient Temperature	Duration of Operation per Hour				
	100%	80%	60%	40%	20%
70°F	1.00	1.07	1.19	1.37	1.76
80°F	0.95	1.02	1.13	1.31	1.68
86°F	0.88	0.94	1.04	1.21	1.55
105°F	0.75	0.80	0.89	1.03	1.32

fw = 0.88 for 86°F Ambient and 100% Duration

7. Check the Thermal Capacity

Refer to: The Selection Tables

Pt x fw > Pe (absorbed power)

For the selected unit (PL0330 - *i*n 80.)
Pt = 13.5 HP Base Mounted Unit (Type B)
Pt = 12.9 HP Flange Mounted Unit (Type F)

Absorbed Power Pt x fw > Pe
12.9 (Pt)x 0.88(fw) > 6.0 HP (Pe)

8. Check the Overhung Load Capacity

Refer to: The Overhung Load Charts: Input Shaft **Fr1**
Output Shaft **Fr2**

Select the correct curve for gear unit
Obtain the maximum overhung load values Fr1 or Fr2
Fr2 values assume n2*h = 1,000,000 hours
For alternate requirements adjust using factor Co
Check the actual loading does not exceed Fr1 or Fr2 values

9. Confirm Gear Unit Selection

PL0330 - Flange Mounted Unit

Nominal Ratio (*i*N) 80.
Actual Ratio (*i*) 80.96 : 1

SELECTION EXAMPLE MOTORIZED UNIT

Parallel Unit Type PL

Absorbed Power (Pe) = 1.75 HP

Motor Power = 2.0 HP

n1 = 1750 rpm, n2 = 16.0 rpm

Required Ratio (i) = $\frac{1750}{16}$ = 109.4:1

Ambient Temperature (t) = 100°F

Moderate Shock Loading - 1 start / hour

Note!
The Motorised Ratings Tables
Assume a lifetime of 5,000 hours

1. Determine the Service Factor - f

Mechanical Service Factor Table **fm ,**

Prime Mover	Operating Duty Hours/ Day	Load Classification Driven Machine		
		U Uniform	**M** Moderate	**H** Heavy
Electric Motor Hydraulic Motor	< 3	0.80	1.00	1.50
	3 to 10	1.00	1.25	1.75
	>10	1.25	1.50	2.00
Piston Engine >3 Cylinders	< 3	1.00	1.25	1.75
	3 to 10	1.25	1.50	2.00
	>10	1.50	1.75	2.25

Starting Frequency Factor Table **fs**

Starts (or Stops) per Hour	fs
1	1.00
2 - 5	1.06
6 - 10	1.10
11 - 40	1.16
41 - 80	1.20
>80	1.25

f = fm x fs (1.25 x 1.00) **f** = 1.25

2. Determine the Output Torque - M2

M2 = $\frac{Pe \times 63000}{n2}$ M2 = $\frac{1.75 \times 63000}{16}$ = 6890 lb-in

3. Determine the Thermal Modifying Factor fw

Refer to Thermal Modifying Factor Table **fw**

Ambient Temperature	Duration of Operation per Hour				
	100%	80%	60%	40%	20%
80°F	0.95	1.02	1.13	1.31	1.68
86°F	0.88	0.94	1.04	1.21	1.55
105°F	0.75	0.80	0.89	1.03	1.32

fw = 0.75 for 105°C Ambient and 100% Duration

4. Select the Gear Unit

Refer to: Motorized Selection Tables
(Select a motor power greater than the absorbed power)

	n2	Ratio *i*	M2 (Lb-in)	fm	Fr2 (Lb's)	Unit Designation	Motor Frame	Pt (HP) Type B	Pt (HP) Type F
2.0 HP	45.5	38.44	2769	3.58	2900	PL0220 40. - M - - - 2.0 B	145TC	12.4	11.3
	37.6	46.50	3349	3.00	2900	PL0220 45. - M - - - 2.0 B	145TC	12.1	11.0
4 - Pole	31.1	56.25	4052	1.85	2900	PL0220 56. - M - - - 2.0 B	145TC	11.9	10.8
	29.8	58.81	4236	4.25	2900	PL0230 63. - M - - - 2.0 B	145TC	9.6	8.8
	24.5	71.30	5135	3.55	2900	PL0230 71. - M - - - 2.0 B	145TC	9.5	8.7
	20.2	86.43	6225	2.96	2900	PL0230 80. - M - - - 2.0 B	145TC	9.4	8.6
	18.7	93.77	6754	2.74	2900	PL0230 90. - M - - - 2.0 B	145TC	9.3	8.6
	16.7	104.77	7547	2.24	2900	PL0230 100 - M - - - 2.0 B	145TC	9.3	8.5
	15.4	113.43	8170	2.29	2900	PL0230 112 - M - - - 2.0 B	145TC	9.3	8.5
	12.7	137.50	9904	1.92	2900	PL0230 125 - M - - - 2.0 B	145TC	9.2	8.4

Unit selected: PL0230 Actual Ratio i = 104.77:1 i N = 100

Check the Required Service Factor f (1.25) is less than fm (2.24)
Check the Output Torque M2 (7547 lb-in) is greater than the Required Output Torque (6890 lb-in)
Check Thermal Capacity Pt x fw (8.5 x 0.75 = 6.38 HP) is greater than the Absorbed Power Pe (1.75 HP)
Check the Output Speed, n2 (16.7 rpm) is within range of requirement (16 rpm)
Check that any Overhung Load applied does not exceed Fr2* (lb's)

DESIGNATION

Unit Designation

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
e.g.	P	L	0	5	3	0	1	1	2	B	E	N	B	3	1	.	5	B	-	-

1 - 2 ...

Unit Type

P L Parallel (co-axial)

P R Right Angle

3 - 4 - 5 - 6 ....

Unit Size

e.g. 0110
0530
1640 etc...

7 - 8 - 9 ....

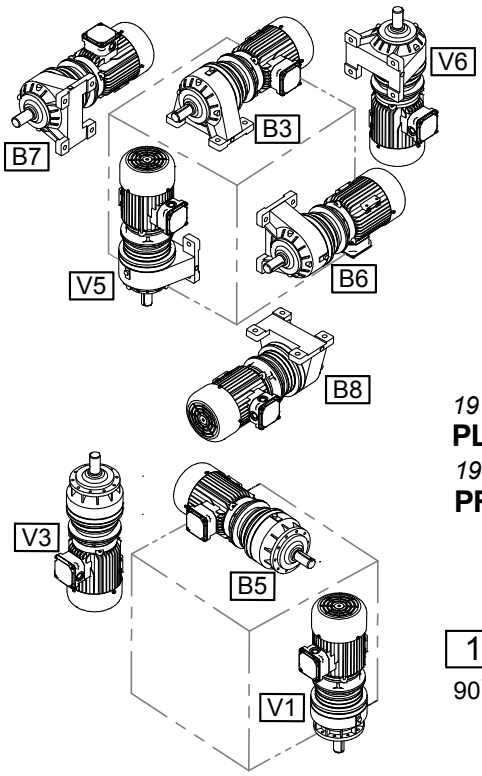
***Ratio (i* N)**

e.g. 4.5
18.
112
10C etc....

13 - 14 - ....

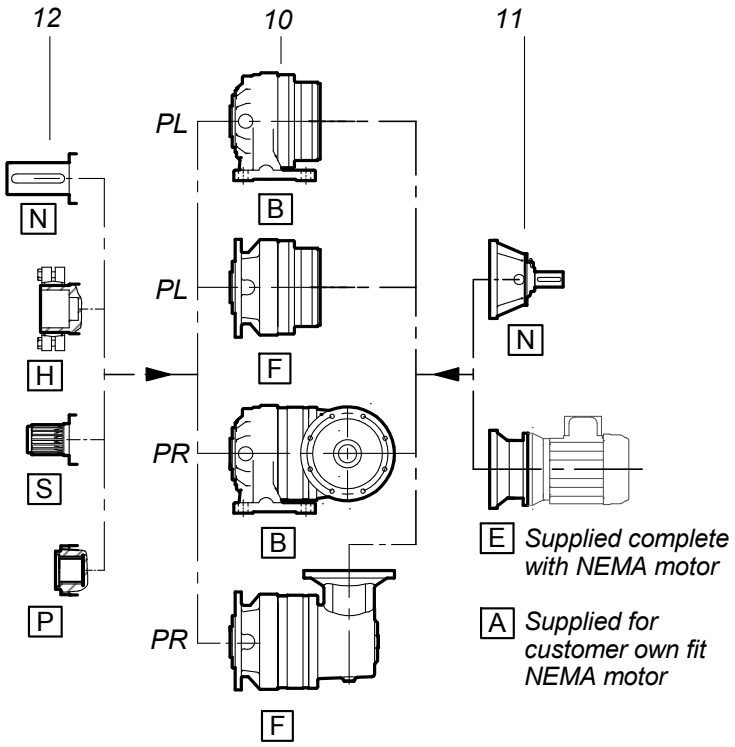
Mounting Position

e.g. B3
B5 etc....



10 - 11 - 12....

Unit Options



E *Supplied complete with NEMA motor*

A *Supplied for customer own fit NEMA motor*

15 - 16 - 17 ....

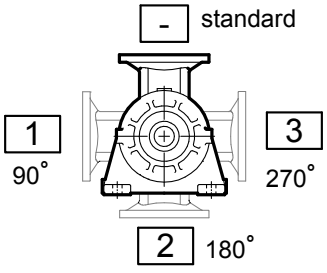
For a motorised unit (col 11, type 'E')
Enter the ***Motor Power (HP)***
e.g. .50 1.5 10. etc....
For cutomers own fit motor (Col 11, type 'A')
Enter the ***Frame Size***
e.g. 56C 143 182 etc....
For a reducer unit (col 11, type 'N') Enter **---**

19 ...

PL Units enter -

19 ....

PR Units



18....

Motor Speed

4 pole (1750) **B**
6 pole (1160) **D**
2 pole (3500) **F**
8 pole (860) **H**

Supplied without motor enter **-**

20 ....

Additional Features

NOMINAL TORQUE

Parallel Units – Type PL

iN	T2 (Lb.in)	
	PL0110	PL0210
3.6	9824	18143
4.5	7965	14700
6.3	5567	10284
7.1	4106	7576

iN	T2 (Lb.in)	
	PL0310	PL0510
3.6	30090	46294
4.5	25550	39312
5.6	17771	27338
7.1	13222	20337

iN	T2 (Lb.in)	
	PL0810	PL1210
3.6	80638	99799
4.5	69384	88465
5.6	47755	63685
7.1	40391	53843

iN	T2 (Lb.in)
	PL1610
4.0	146372
5.0	114262
7.1	70765

iN	T2 (Lb.in)
	PL2510
4.0	206648
5.0	156264
6.3	118050

iN	T2 (Lb.in)
	PL4010
4.0	340805
5.0	252747
6.3	212267

iN	T2 (Lb.in)
	PL6510
4.0	604013
5.0	507990
6.3	395418

iN	T2 (Lb.in)	
	PL0120	PL0220
16.	9824	18143
18.	9824	18143
22.	7965	14700
25.	9824	18143
28.	9824	18143
36.	7965	14700
40.	5567	10284
45.	5567	10284
56.	4106	7576

iN	T2 (Lb.in)	
	PL0320	PL0520
14.	30090	46294
16.	30090	46294
20.	25550	39312
22.	30090	46294
25.	30090	46294
32.	25550	39312
36.	17771	27338
45.	17771	27338
50.	13222	20337

iN	T2 (Lb.in)	
	PL0820	PL1220
14.	80638	99799
16.	80638	99799
20.	69384	88465
22.	80638	99799
25.	80638	99799
28.	69384	88465
32.	47755	63685
36.	47755	63685
45.	40391	53843

iN	T2 (Lb.in)
	PL1620
14.	146372
16.	146372
22.	114262
25.	146372
28.	146372
32.	114262
36.	70765
45.	70765

iN	T2 (Lb.in)
	PL2520
14.	206648
18.	206648
22.	206648
25.	206648
28.	156264
32.	156264
36.	118050
40.	118050

iN	T2 (Lb.in)
	PL4020
16.	340805
20.	340805
25.	252747
28.	340805
32.	212267
36.	252747
45.	212267

iN	T2 (Lb.in)
	PL6520
16.	604013
18.	507990
20.	604013
22.	507990
28.	604013
32.	507990
40.	395418

iN	T2 (Lb.in)	
	PL0130	PL0230
63.	9824	18143
71.	9824	18143
80.	9824	18143
90.	9824	18143
100	7965	14700
112	9824	18143
125	9824	18143
140	9824	18143
160	7965	14700
180	9824	18143
225	9824	18143
250	7965	14700
280	5567	10284
360	5567	10284
400	4106	7576

iN	T2 (Lb.in)	
	PL0330	PL0530
56.	30090	46294
71.	30090	46294
80.	30090	46294
90.	30090	46294
100	25550	39312
112	30090	46294
125	30090	46294
140	30090	46294
160	25550	39312
180	30090	46294
200	30090	46294
250	25550	39312
280	17771	27338
315	17771	27338
360	13222	20337

iN	T2 (Lb.in)	
	PL0830	PL1230
56.	80638	99799
63.	80638	99799
71.	80638	99799
80.	80638	99799
90.	69384	88465
100	80638	99799
112	80638	99799
125	80638	99799
140	69384	88465
160	80638	99799
180	80638	99799
225	69384	88465
250	47755	63685
280	47755	63685
360	40391	53843

iN	T2 (Lb.in)
	PL1630
56.	146372
63.	146372
80.	146372
90.	146372
100	146372
112	114262
125	146372
140	146372
160	146372
200	146372
225	114262
250	114262
280	70765
315	70765

iN	T2 (Lb.in)
	PL2530
56.	206648
63.	206648
71.	206648
80.	206648
90.	206648
100	156264
112	206648
125	206648
140	206648
160	156264
180	206648
200	156264
250	156264
280	118050

iN	T2 (Lb.in)
	PL4030
56.	340805
71.	340805
80.	252747
90.	340805
100	340805
112	340805
125	340805
140	252747
160	340805
180	340805
200	252747
250	252747
280	212267

iN	T2 (Lb.in)
	PL6530
56.	604013
63.	507990
71.	604013
80.	507990
90.	604013
100	604013
112	604013
125	507990
140	604013
160	604013
180	604013
225	507990
250	395418

iN	T2 (Lb.in)	
	PL0140	PL0240
280	9824	18143
315	9824	18143
360	9824	18143
450	9824	18143
500	9824	18143
560	9824	18143
630	9824	18143
710	9824	18143
800	9824	18143
900	9824	18143
10C	9824	18143
11C	9824	18143
14C	9824	18143
16C	9824	18143
18C	5567	10284
20C	7965	14700
22C	5567	10284
25C	5567	10284
32C	4106	7576

iN	T2 (Lb.in)	
	PL0340	PL0540
250	30090	46294
315	30090	46294
360	30090	46294
400	30090	46294
500	30090	46294
560	30090	46294
630	30090	46294
710	30090	46294
800	30090	46294
900	30090	46294
10C	30090	46294
11C	30090	46294
12C	30090	46294
14C	30090	46294
16C	17771	27338
18C	25550	39312
20C	17771	27338
22C	17771	27338
25C	13222	20337

iN	T2 (Lb.in)	
	PL0840	PL1240
250	80638	99799
315	80638	99799
360	80638	99799
400	80638	99799
450	80638	99799
500	80638	99799
560	80638	99799
630	80638	99799
710	80638	99799
800	80638	99799
900	80638	99799
10C	80638	99799
11C	80638	99799
12C	80638	99799
14C	47755	63685
16C	69384	88465
18C	47755	63685
20C	47755	63685
25C	40391	53843

iN	T2 (Lb.in)
	PL1640
225	146372
280	146372
315	146372
360	146372
400	146372
500	146372
560	146372
630	146372
710	146372
800	146372
900	146372
10C	146372
12C	146372
14C	146372
16C	114262
18C	114262
20C	70765
25C	70765

iN	T2 (Lb.in)
	PL2540
200	206648
250	206648
280	206648
315	206648
360	206648
400	206648
450	206648
500	206648
630	206648
710	206648
800	206648
900	206648
10C	206648
11C	206648
12C	206648
14C	156264
18C	156264
20C	118050

iN	T2 (Lb.in)
	PL4040
225	340805
280	340805
315	340805
360	340805
400	340805
450	340805
500	340805
560	340805
630	340805
710	252747
800	340805
900	252747
10C	340805
12C	340805
14C	340805
18C	252747
20C	212267

iN	T2 (Lb.in)
	PL6540
225	604013
280	604013
315	604013
360	604013
400	604013
450	604013
500	604013
560	604013
630	604013
710	604013
800	604013
10C	604013
12C	604013
14C	507990
16C	395418

NOMINAL TORQUE

Right Angle Units - Type PR

iN	T2 (Lb.in)	
	PR0120	PR0220
12.	9824	13894
14.	7965	14700
18.	5567	10284
22.	4106	7576

iN	T2 (Lb.in)	
	PR0320	PL0520
14.	30090	32767
18.	25550	39250
22.	17771	27338
25.	13222	20337

iN	T2 (Lb.in)	
	PR0820	PR1220
14.	71835	71835
18.	69384	86048
22.	47755	63685
25.	40391	53843

iN	T2 (Lb.in)
	PR1620
16.	113949
20.	114262
25.	70765

iN	T2 (Lb.in)	
	PR0130	PR0230
45.	9824	18143
56.	9824	18143
71.	7965	14700
80.	9824	18143
90.	9824	18143
112	7965	14700
125	5567	10284
140	5567	10284
160	4106	7576

iN	T2 (Lb.in)	
	PR0330	PL0530
45.	30090	46294
56.	30090	46294
63.	25550	39312
71.	30090	46294
90.	30090	46294
100	25550	39312
112	17771	27338
140	17771	27338
160	13222	20337

iN	T2 (Lb.in)	
	PR0830	PR1230
50.	80638	11277
63.	80638	11277
71.	69384	9996
80.	80638	11277
100	80638	11277
112	69384	9996
125	47755	7196
140	47755	7196
180	40391	6084

iN	T2 (Lb.in)
	PR1630
56.	134785
63.	146372
80.	146372
100	146372
112	114262
125	114262
140	70765
180	70765

iN	T2 (Lb.in)
	PR2530
56.	206648
63.	206648
71.	156264
90.	206648
100	206648
112	156264
125	156264
140	156264
160	118050

iN	T2 (Lb.in)
	PR4030
63.	340805
71.	431765
80.	252747
100	252747
112	340805
125	212267
140	252747
160	212267

iN	T2 (Lb.in)	
	PR0140	PR0240
180	9824	18143
225	9824	18143
250	9824	18143
280	9824	18143
315	7965	14700
360	9824	18143
400	9824	18143
450	9824	18143
500	7965	14700
560	9824	18143
710	9824	18143
800	7965	14700
900	5567	10284
11C	5567	10284
13C	4106	7576

iN	T2 (Lb.in)	
	PR0340	PL0540
180	30090	46294
200	30090	46294
250	30090	46294
280	30090	46294
315	25550	39312
360	30090	46294
400	30090	46294
450	30090	46294
500	25550	39312
560	30090	46294
630	30090	46294
710	25550	39312
800	17771	27338
10C	17771	27338
12C	13222	20337

iN	T2 (Lb.in)	
	PR0840	PR1240
180	80638	11277
200	80638	11277
225	80638	11277
250	80638	11277
280	69384	9996
315	80638	11277
360	80638	11277
400	80638	11277
450	69384	9996
500	94421	11277
560	80638	11277
630	47755	7196
710	69384	9996
800	47755	7196
900	47755	7196
11C	40391	6084

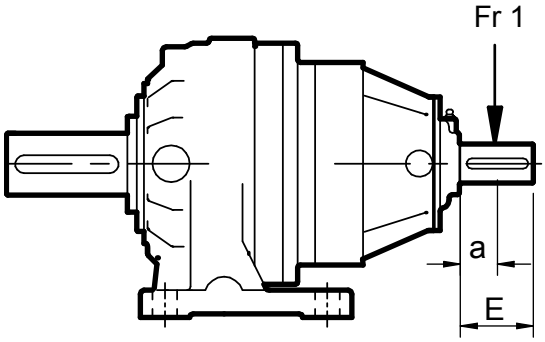
iN	T2 (Lb.in)
	PR1640
180	146372
200	146372
250	146372
280	146372
315	146372
360	114262
400	146372
450	146372
500	146372
200	114262
630	146372
710	114262
900	70765
11C	70765

iN	T2 (Lb.in)
	PR2540
200	206648
250	206648
280	156264
315	206648
360	206648
400	156264
450	206648
500	206648
560	206648
630	156264
710	206648
800	156264
900	156264
11C	118050

iN	T2 (Lb.in)
	PR4040
225	340805
280	340805
315	252747
360	340805
400	340805
450	340805
500	252747
560	252747
630	340805
710	340805
800	252747
900	252747
11C	212267

iN	T2 (Lb.in)
	PR6540
225	604013
280	604013
315	507990
360	604013
400	604013
450	604013
500	507990
560	604013
630	507990
710	395418

INPUT SHAFT OVERHUNG LOADS Fr1



Unit	Curve	E
PL0110	1	2.75
PL0120	1	2,75
PL0130	1	2.75
PL0140	1	2,75
PL0210	1	2.75
PL0220	1	2,75
PL0230	1	2.75
PL0240	1	2,75

Unit	Curve	E
PL0310	2	3.15
PL0320	1	2,75
PL0330	1	2,75
PL0340	1	2,75
PL0510	2	3.15
PL0520	1	2,75
PL0530	1	2,75
PL0540	1	2,75

Unit	Curve	E
PL0810	3	4.13
PL0820	2	3.25
PL0830	1	2,75
PL0840	1	2,75
PL1210	3	4.13
PL1220	2	3.25
PL1230	1	2.75
PL1240	1	2.75

Unit	Curve	E
PL1610	4	5.12
PL1620	2	3.25
PL1630	1	2,75
PL1640	1	2,75
PL2510	5	6.70
PL2520	3	4.13
PL2530	2	3.25
PL2540	1	2,75

Unit	Curve	E
PL4010	6	7.50
PL4020	4	5.12
PL4030	2	3.25
PL4040	1	2,75
PL6510	7	8.25
PL6520	5	6.70
PL6530	3	4.13
PL6540	2	3.25

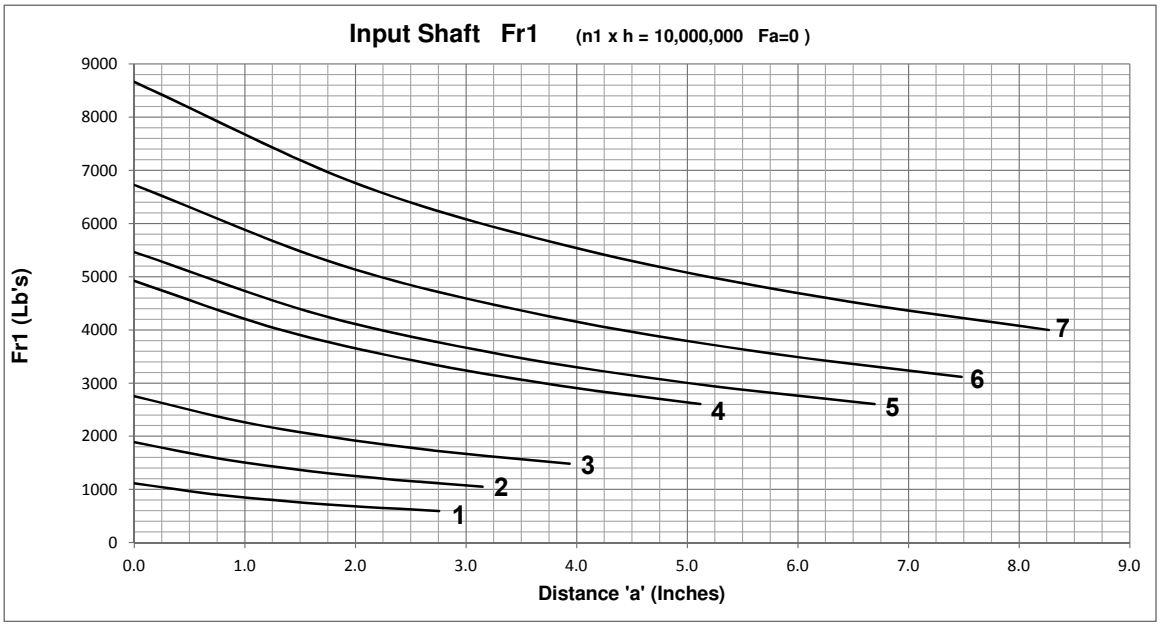
Unit	Curve	E
PR0120	1	2.75
PR0130	1	2,75
PR0140	1	2.75
PR0220	1	2,75
PR0230	1	2.75
PR0240	1	2,75

Unit	Curve	E
PR0320	1	2.75
PR0330	1	2,75
PR0340	1	2.75
PR0520	1	2,75
PR0530	1	2.75
PR0540	1	2,75

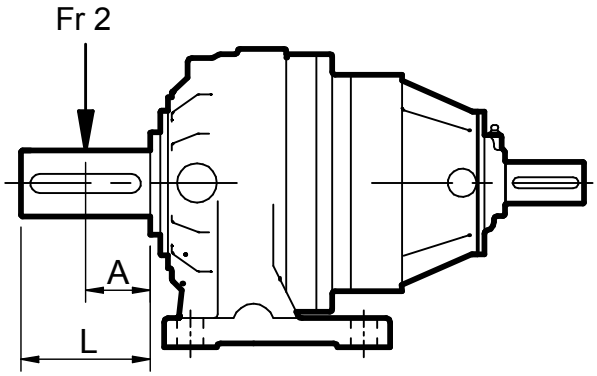
Unit	Curve	E
PR0820	2	3.25
PR0830	1	2,75
PR0840	1	2,75
PR1220	2	3.25
PR1230	1	2,75
PR1240	1	2,75

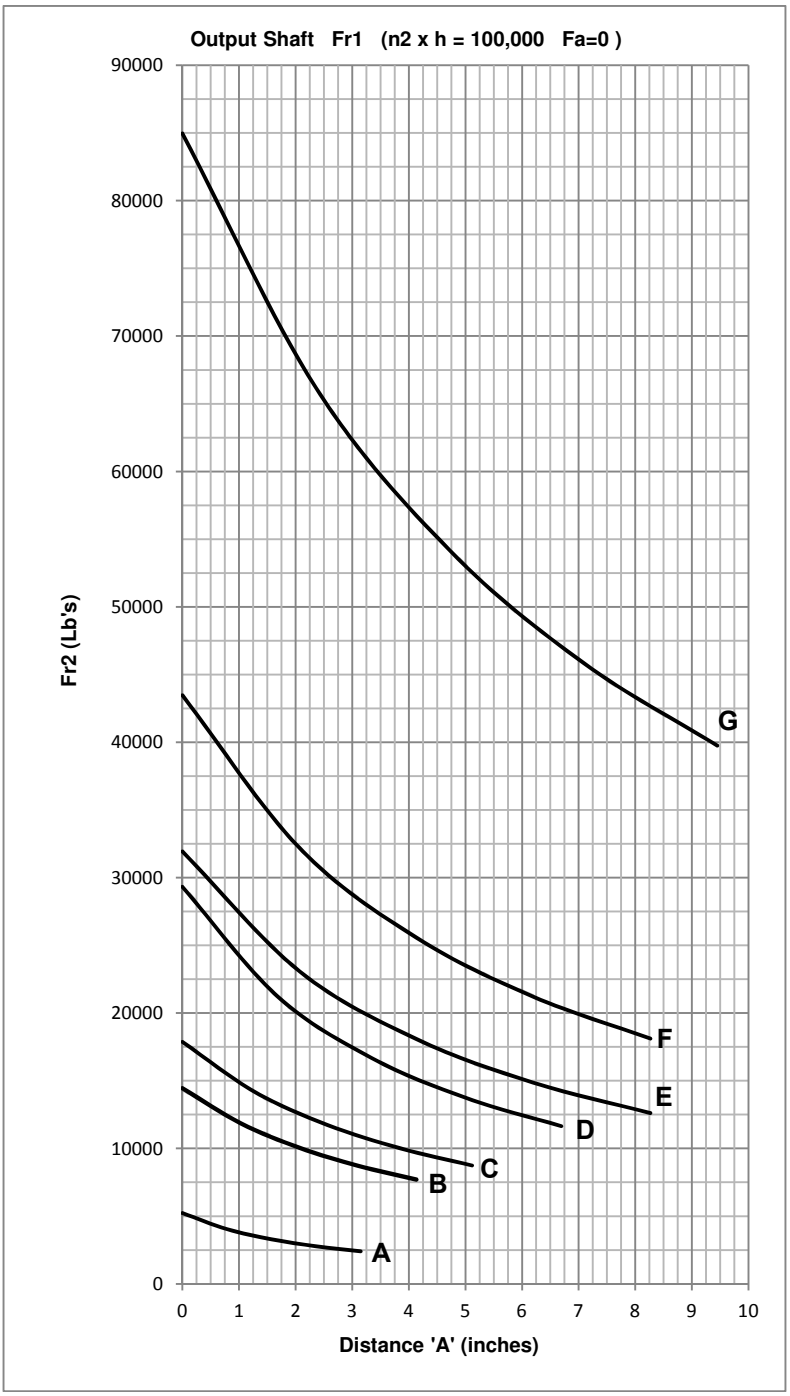
Unit	Curve	E
PR1620	2	3.25
PR1630	1	2,75
PR1640	1	2,75
PR2530	2	3.25
PR2540	1	2,75

Unit	Curve	E
PR4030	2	3.25
PR4030	1	2,75
PR6540	2	3.25



OUTPUT SHAFT OVERHUNG LOADS Fr2





Unit	Curve	L
PL01	A	3.25
PR01		
PR02		
PR03		
PL03	B	4.13
PR03		
PL05		
PR05		
PL08	C	5.12
PR08		
PL12	C	5.12
PR12		
PL16	D	6.69
PR16		
PL25	E	8.25
PR25		
PL40	F	8.25
PR40		
PL65	G	8.25
PR65		

For alternative lifetime's adjust by factor Co

n2 x h	Co
1 000 000	0.50
500 000	0.62
100 000	1.00
50 000	1.23

NOTES

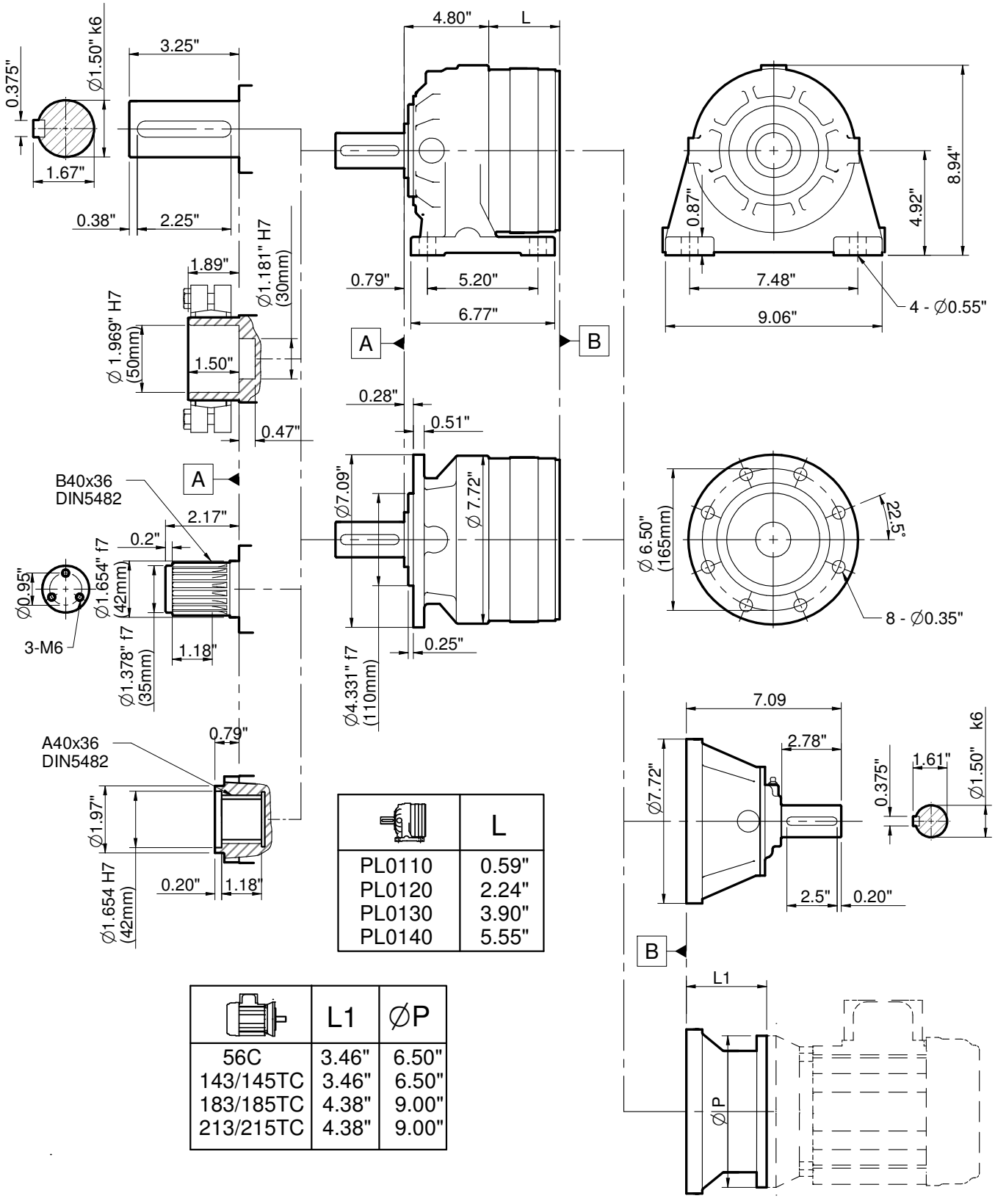
PARALLEL UNITS

SERIES PL

PL01

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	3.6	3.89	11549	10832	10682	9824	8375	6802		20.7	18.5
	4.5	4.71	10797	9939	8726	7965	7292	6647		19.2	17.2
PL0110	6.3	6.20	7921	6664	5841	5567	5089	4885	3500	17.4	15.6
	7.1	7.50	5691	4770	4266	4106	3735	3575		16.4	14.6
	16.	15.12	11549	10832	10682	9824	8375	6802		12.9	11.6
	18.	18.33	11549	10832	10682	9824	8375	6802		12.6	11.3
	22.	22.22	10797	9939	8726	7965	7292	6647		12.3	11.1
	25.	24.11	11549	10832	10682	9824	8375	6802		12.1	10.9
PL0120	28.	29.17	11549	10832	10682	9824	8375	6802	3500	11.9	10.7
	36.	35.36	10797	9939	8726	7965	7292	6647		11.6	10.4
	40.	38.44	7921	6664	5841	5567	5089	4885		11.5	10.3
	45.	46.50	7921	6664	5841	5567	5089	4885		11.2	10.1
	56.	56.25	5691	4770	4266	4106	3735	3575		11.0	9.9
	63.	58.81	11549	10832	10682	9824	8375	6802		9.3	8.5
	71.	71.30	11549	10832	10682	9824	8375	6802		9.2	8.4
	80.	86.43	11549	10832	10682	9824	8375	6802		9.1	8.4
	90.	93.77	11549	10832	10682	9824	8375	6802		9.1	8.3
	100	104.77	10797	9939	8726	7965	7292	6647		9.0	8.3
	112	113.43	11549	10832	10682	9824	8375	6802		9.0	8.2
	125	137.50	11549	10832	10682	9824	8375	6802		8.9	8.2
PL0130	140	149.49	11549	10832	10682	9824	8375	6802	3500	8.9	8.1
	160	166.68	10797	9939	8726	7965	7292	6647		8.8	8.1
	180	180.83	11549	10832	10682	9824	8375	6802		8.8	8.1
	225	218.75	11549	10832	10682	9824	8375	6802		8.7	8.0
	250	265.18	10797	9939	8726	7965	7292	6647		8.7	7.9
	280	288.30	7921	6664	5841	5567	5089	4885		8.6	7.9
	360	348.75	7921	6664	5841	5567	5089	4885		8.5	7.8
	400	421.88	5691	4770	4266	4106	3735	3575		8.5	7.8
	280	277.26	11549	10832	10682	9824	8375	6802		7.5	6.9
	315	336.11	11549	10832	10682	9824	8375	6802		7.4	6.8
	360	364.64	11549	10832	10682	9824	8375	6802		7.0	6.5
	450	441.10	11549	10832	10682	9824	8375	6802		6.8	6.3
	500	534.72	11549	10832	10682	9824	8375	6802		6.3	5.8
	560	581.35	11549	10832	10682	9824	8375	6802		6.3	5.8
	630	648.21	11549	10832	10682	9824	8375	6802		6.3	5.8
	710	703.24	11549	10832	10682	9824	8375	6802		6.2	5.8
	800	850.69	11549	10832	10682	9824	8375	6802		6.2	5.7
PL0140	900	926.83	11549	10832	10682	9824	8375	6802	3500	6.2	5.7
	10C	1031.25	11549	10832	10682	9824	8375	6802		6.2	5.7
	11C	1121.17	11549	10832	10682	9824	8375	6802		6.2	5.7
	14C	1356.25	11549	10832	10682	9824	8375	6802		6.1	5.7
	16C	1640.63	11549	10832	10682	9824	8375	6802		6.1	5.6
	18C	1787.46	7921	6664	5841	5567	5089	4885		6.1	5.6
	20C	1988.84	10797	9939	8726	7965	7292	6647		6.1	5.6
	22C	2162.25	7921	6664	5841	5567	5089	4885		6.1	5.6
	25C	2615.63	7921	6664	5841	5567	5089	4885		6.0	5.6
	32C	3164.06	5691	4770	4266	4106	3735	3575		6.0	5.6

PL01

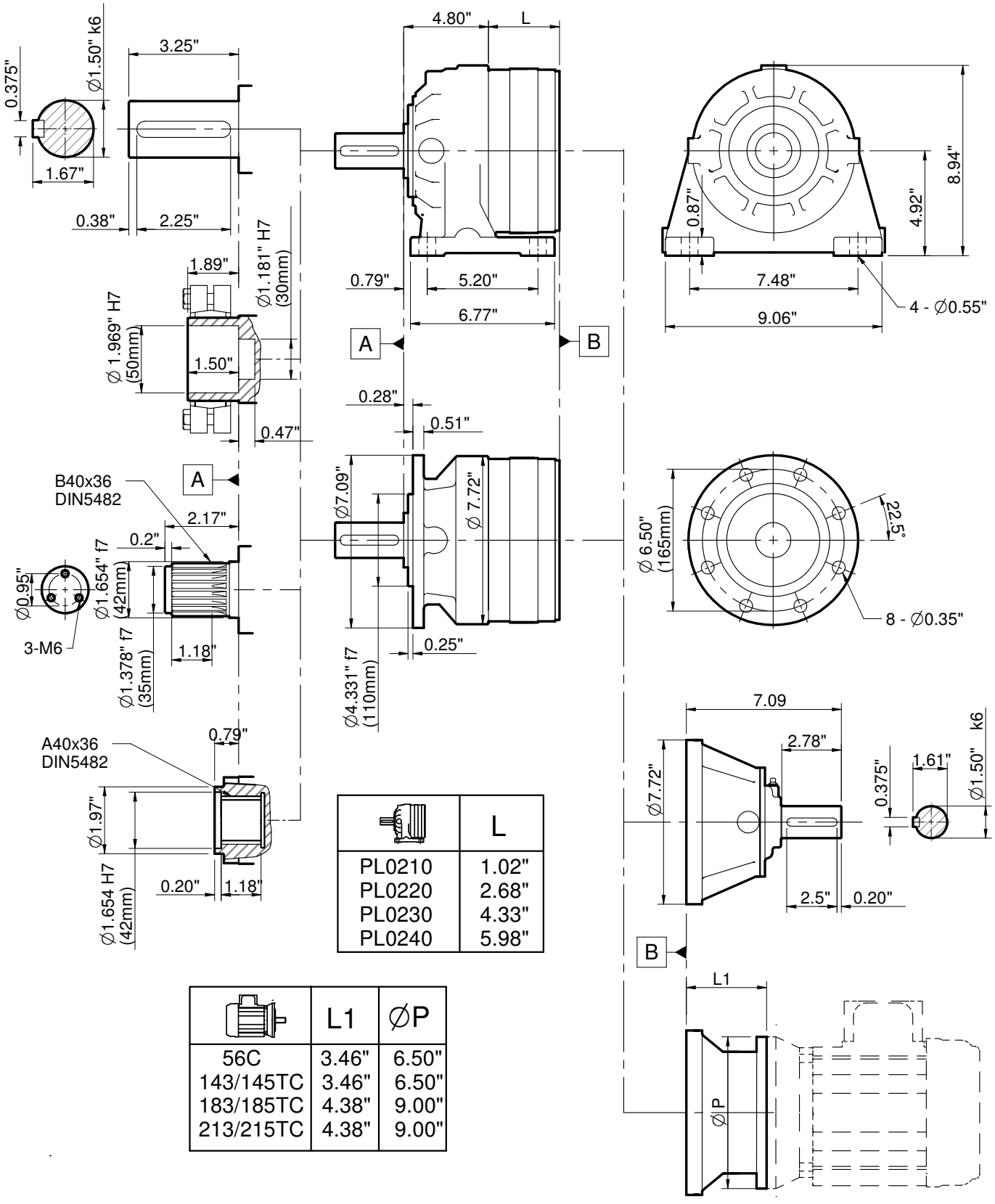


Ø	L
PL0110	0.59"
PL0120	2.24"
PL0130	3.90"
PL0140	5.55"

	L1	ØP
56C	3.46"	6.50"
143/145TC	3.46"	6.50"
183/185TC	4.38"	9.00"
213/215TC	4.38"	9.00"

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	3.6	3.89	21222	19886	19603	18143	14352	11658		21.5	19.3
	4.5	4.71	19815	18355	16187	14700	13479	11382		19.9	17.9
PL0210	6.3	6.20	14647	12310	10788	10284	9408	9027	3500	18.0	16.2
	7.1	7.50	10514	8815	7885	7576	6903	6593		16.9	15.2
	16.	15.12	21222	19886	19603	18143	14352	11658		14.0	12.7
	18.	18.33	21222	19886	19603	18143	14352	11658		13.6	12.4
	22.	22.22	19815	18355	16187	14700	13479	11382		13.3	12.1
	25.	24.11	21222	19886	19603	18143	14352	11658		13.2	12.0
PL0220	28.	29.17	21222	19886	19603	18143	14352	11658	3500	12.8	11.7
	36.	35.36	19815	18355	16187	14700	13479	11382		12.5	11.4
	40.	38.44	14647	12310	10788	10284	9408	9027		12.4	11.3
	45.	46.50	14647	12310	10788	10284	9408	9027		12.1	11.0
	56.	56.25	10514	8815	7885	7576	6903	6593		11.9	10.8
	63.	58.81	21222	19886	19603	18143	14352	11658		9.6	8.8
	71.	71.30	21222	19886	19603	18143	14352	11658		9.5	8.7
	80.	86.43	21222	19886	19603	18143	14352	11658		9.4	8.6
	90.	93.77	21222	19886	19603	18143	14352	11658		9.3	8.6
	100	104.77	19815	18355	16187	14700	13479	11382		9.3	8.5
	112	113.43	21222	19886	19603	18143	14352	11658		9.3	8.5
	125	137.50	21222	19886	19603	18143	14352	11658		9.2	8.4
PL0230	140	149.49	21222	19886	19603	18143	14352	11658	3500	9.1	8.4
	160	166.68	19815	18355	16187	14700	13479	11382		9.1	8.3
	180	180.83	21222	19886	19603	18143	14352	11658		9.1	8.3
	225	218.75	21222	19886	19603	18143	14352	11658		9.0	8.2
	250	265.18	19815	18355	16187	14700	13479	11382		8.9	8.2
	280	288.30	14647	12310	10788	10284	9408	9027		8.9	8.1
	360	348.75	14647	12310	10788	10284	9408	9027		8.8	8.1
	400	421.88	10514	8815	7885	7576	6903	6593		8.7	8.0
	280	277.26	21222	19886	19603	18143	14352	11658		7.7	7.1
	315	336.11	21222	19886	19603	18143	14352	11658		7.6	7.0
	360	364.64	21222	19886	19603	18143	14352	11658		7.2	6.7
	450	441.10	21222	19886	19603	18143	14352	11658		7.0	6.5
	500	534.72	21222	19886	19603	18143	14352	11658		6.4	6.0
	560	581.35	21222	19886	19603	18143	14352	11658		6.4	5.9
	630	648.21	21222	19886	19603	18143	14352	11658		6.4	5.9
	710	703.24	21222	19886	19603	18143	14352	11658		6.4	5.9
	800	850.69	21222	19886	19603	18143	14352	11658		6.4	5.9
PL0240	900	926.83	21222	19886	19603	18143	14352	11658	3500	6.4	5.9
	10C	1031.25	21222	19886	19603	18143	14352	11658		6.3	5.9
	11C	1121.17	21222	19886	19603	18143	14352	11658		6.3	5.8
	14C	1356.25	21222	19886	19603	18143	14352	11658		6.3	5.8
	16C	1640.63	21222	19886	19603	18143	14352	11658		6.3	5.8
	18C	1787.46	14647	12310	10788	10284	9408	9027		6.2	5.8
	20C	1988.84	19815	18355	16187	14700	13479	11382		6.2	5.8
	22C	2162.25	14647	12310	10788	10284	9408	9027		6.2	5.8
	25C	2615.63	14647	12310	10788	10284	9408	9027		6.2	5.7
	32C	3164.06	10514	8815	7885	7576	6903	6593		6.2	5.7

PL02



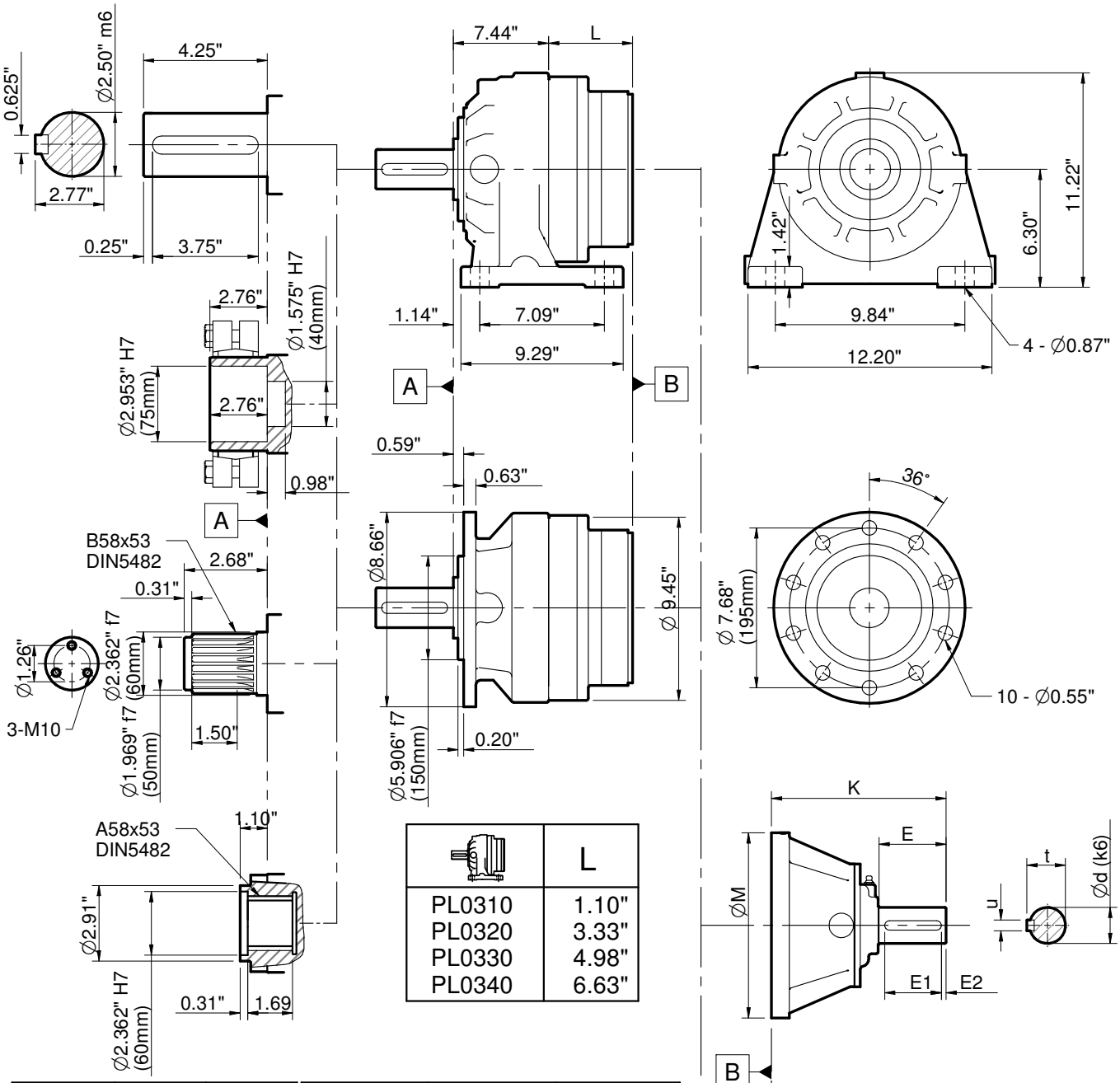
	L
PL0210	1.02"
PL0220	2.68"
PL0230	4.33"
PL0240	5.98"

	L1	ØP
56C	3.46"	6.50"
143/145TC	3.46"	6.50"
183/185TC	4.38"	9.00"
213/215TC	4.38"	9.00"

PL03

Series P	Ratio *i*N	Ratio *i*	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP) Type B	Pt (HP) Type F
			10,000	25,000	50,000	100,000	500,000	1,000,000			
PL0310	3.6	3.64	34781	32745	32285	30090	22442	18229	2800	36.6	35.0
	4.5	4.36	31842	29648	28311	25550	22062	17920		34.0	32.6
	5.6	5.63	25585	21523	18912	17771	16266	15620		30.9	29.7
	7.1	6.69	18585	15611	13744	13222	12071	11558		29.2	27.9
PL0320	14.	14.17	34781	32745	32285	30090	22442	18229	3500	20.9	20.0
	16.	17.17	34781	32745	32285	30090	22442	18229		20.3	19.5
	20.	20.57	31842	29648	28311	25550	22062	17920		19.8	19.0
	22.	22.59	34781	32745	32285	30090	22442	18229		19.6	18.8
	25.	27.32	34781	32745	32285	30090	22442	18229		19.1	18.3
	32.	32.73	31842	29648	28311	25550	22062	17920		18.7	17.9
	36.	34.88	25585	21523	18912	17771	16266	15620		18.6	17.8
	45.	42.19	25585	21523	18912	17771	16266	15620		18.1	17.4
	50.	50.19	18585	15611	13744	13222	12071	11558		17.8	17.0
PL0330	56.	55.09	34781	32745	32285	30090	22442	18229	3500	13.7	13.2
	71.	66.79	34781	32745	32285	30090	22442	18229		13.6	13.1
	80.	80.96	34781	32745	32285	30090	22442	18229		13.5	12.9
	90.	87.83	34781	32745	32285	30090	22442	18229		13.4	12.9
	100	96.98	31842	29648	28311	25550	22062	17920		13.3	12.8
	112	106.48	34781	32745	32285	30090	22442	18229		13.3	12.8
	125	128.80	34781	32745	32285	30090	22442	18229		13.2	12.6
	140	140.03	34781	32745	32285	30090	22442	18229		13.1	12.6
	160	154.29	31842	29648	28311	25550	22062	17920		13.0	12.5
	180	169.39	34781	32745	32285	30090	22442	18229		13.0	12.5
	200	204.91	34781	32745	32285	30090	22442	18229		12.9	12.4
	250	245.45	31842	29648	28311	25550	22062	17920		12.8	12.3
	280	261.56	25585	21523	18912	17771	16266	15620		12.7	12.2
	315	316.41	25585	21523	18912	17771	16266	15620		12.6	12.1
	360	376.44	18585	15611	13744	13222	12071	11558		12.5	12.0
PL0340	250	259.72	34781	32745	32285	30090	22442	18229	3500	10.7	10.3
	315	314.85	34781	32745	32285	30090	22442	18229		10.5	10.2
	360	341.57	34781	32745	32285	30090	22442	18229		10.0	9.7
	400	413.19	34781	32745	32285	30090	22442	18229		9.7	9.4
	500	500.89	34781	32745	32285	30090	22442	18229		9.7	9.4
	560	544.57	34781	32745	32285	30090	22442	18229		9.7	9.4
	630	607.20	34781	32745	32285	30090	22442	18229		9.7	9.3
	710	658.75	34781	32745	32285	30090	22442	18229		9.7	9.3
	800	796.88	34781	32745	32285	30090	22442	18229		9.6	9.3
	900	868.19	34781	32745	32285	30090	22442	18229		9.6	9.2
	10C	966.01	34781	32745	32285	30090	22442	18229		9.6	9.2
	11C	1050.24	34781	32745	32285	30090	22442	18229		9.5	9.2
	12C	1270.45	34781	32745	32285	30090	22442	18229		9.5	9.2
	14C	1536.83	34781	32745	32285	30090	22442	18229		9.4	9.1
	16C	1621.69	25585	21523	18912	17771	16266	15620		9.4	9.1
	18C	1840.91	31842	29648	28311	25550	22062	17920		9.4	9.1
	20C	1961.72	25585	21523	18912	17771	16266	15620		9.4	9.0
	22C	2373.05	25585	21523	18912	17771	16266	15620		9.3	9.0
	25C	2823.32	18585	15611	13744	13222	12071	11558		9.3	9.0

PL03



	L
PL0310	1.10"
PL0320	3.33"
PL0330	4.98"
PL0340	6.63"

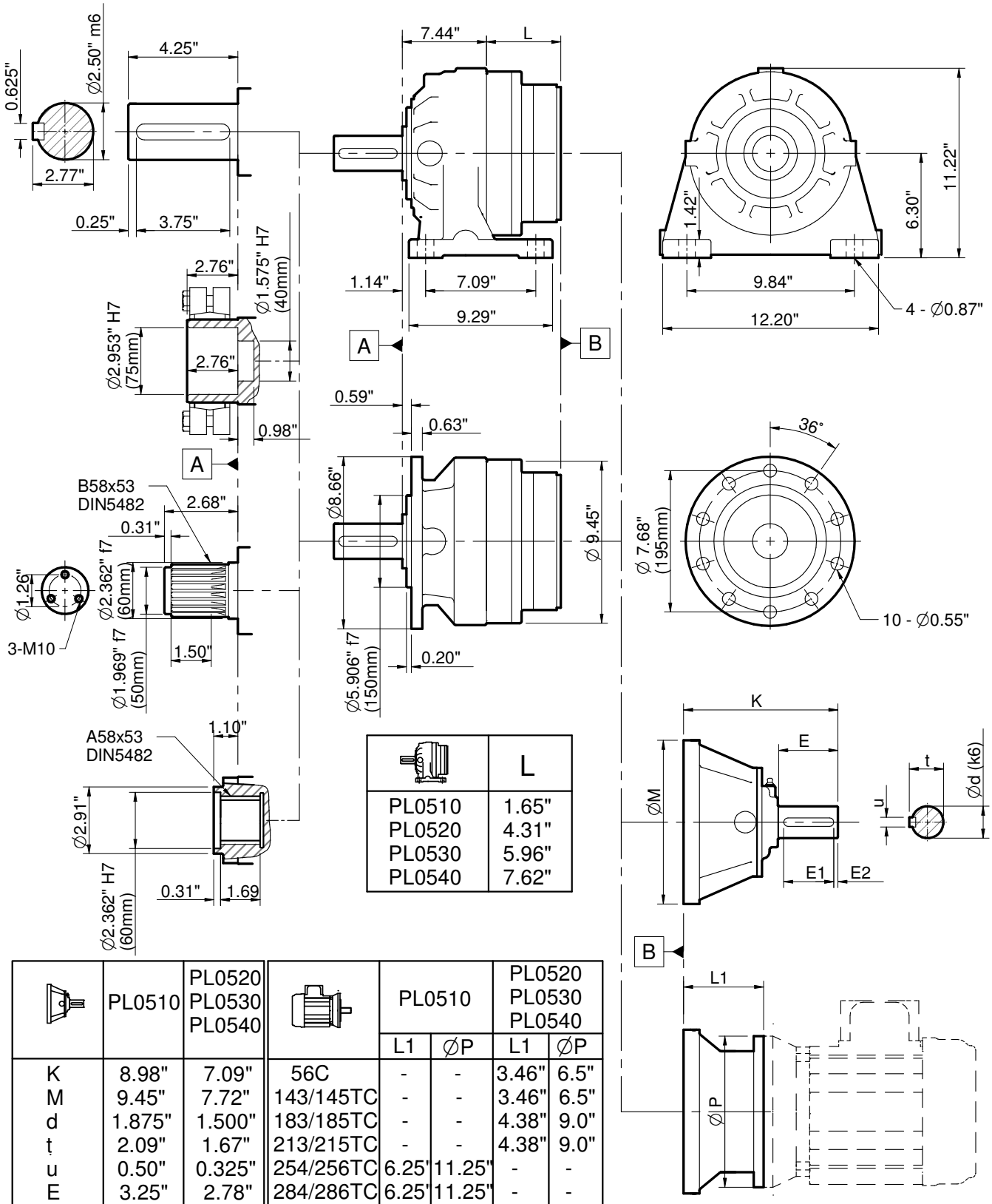
	PL0310	PL0320 PL0330 PL0340
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.500"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.78"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PL0310		PL0320 PL0330 PL0340	
	L1	∅P	L1	∅P
56C	-	-	3.46"	6.5"
143/145TC	-	-	3.46"	6.5"
183/185TC	-	-	4.38"	9.0"
213/215TC	-	-	4.38"	9.0"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

PL05

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	3.6	3.64	53348	50224	49516	46294	31474	25565		37.7	36.2
	4.5	4.36	48843	45480	43542	39312	30954	25142		35.1	33.7
PL0510	5.6	5.63	39365	33117	29090	27338	25028	24037	2800	31.9	30.6
	7.1	6.69	28603	24028	21143	20337	18576	17789		30.1	28.9
	14.	14.17	53348	50224	49516	46294	31474	25565		21.9	21.1
	16.	17.17	53348	50224	49516	46294	31474	25565		21.4	20.5
	20.	20.57	48843	45480	43542	39312	30954	25142		20.9	20.0
	22.	22.59	53348	50224	49516	46294	31474	25565		20.6	19.8
PL0520	25.	27.32	53348	50224	49516	46294	31474	25565	3500	20.1	19.3
	32.	32.73	48843	45480	43542	39312	30954	25142		19.7	18.9
	36.	34.88	39365	33117	29090	27338	25028	24037		19.5	18.8
	45.	42.19	39365	33117	29090	27338	25028	24037		19.1	18.3
	50.	50.19	28603	24028	21143	20337	18576	17789		18.7	18.0
	56.	55.09	53348	50224	49516	46294	31474	25565		14.4	13.9
	71.	66.79	53348	50224	49516	46294	31474	25565		14.2	13.7
	80.	80.96	53348	50224	49516	46294	31474	25565		14.1	13.6
	90.	87.83	53348	50224	49516	46294	31474	25565		14.1	13.5
	100	96.98	48843	45480	43542	39312	30954	25142		14.0	13.5
	112	106.48	53348	50224	49516	46294	31474	25565		13.9	13.4
	125	128.80	53348	50224	49516	46294	31474	25565		13.8	13.3
PL0530	140	140.03	53348	50224	49516	46294	31474	25565	3500	13.7	13.2
	160	154.29	48843	45480	43542	39312	30954	25142		13.7	13.2
	180	169.39	53348	50224	49516	46294	31474	25565		13.6	13.1
	200	204.91	53348	50224	49516	46294	31474	25565		13.5	13.0
	250	245.45	48843	45480	43542	39312	30954	25142		13.4	12.9
	280	261.56	39365	33117	29090	27338	25028	24037		13.3	12.9
	315	316.41	39365	33117	29090	27338	25028	24037		13.2	12.7
	360	376.44	28603	24028	21143	20337	18576	17789		13.1	12.6
	250	259.72	53348	50224	49516	46294	31474	25565		11.2	10.8
	315	314.85	53348	50224	49516	46294	31474	25565		11.0	10.6
	360	341.57	53348	50224	49516	46294	31474	25565		10.5	10.1
	400	413.19	53348	50224	49516	46294	31474	25565		10.2	9.9
	500	500.89	53348	50224	49516	46294	31474	25565		10.2	9.8
	560	544.57	53348	50224	49516	46294	31474	25565		10.2	9.8
	630	607.20	53348	50224	49516	46294	31474	25565		10.1	9.8
	710	658.75	53348	50224	49516	46294	31474	25565		10.1	9.8
	800	796.88	53348	50224	49516	46294	31474	25565		10.0	9.7
PL0540	900	868.19	53348	50224	49516	46294	31474	25565	3500	10.0	9.7
	10C	966.01	53348	50224	49516	46294	31474	25565		10.0	9.7
	11C	1050.24	53348	50224	49516	46294	31474	25565		10.0	9.6
	12C	1270.45	53348	50224	49516	46294	31474	25565		9.9	9.6
	14C	1536.83	53348	50224	49516	46294	31474	25565		9.9	9.5
	16C	1621.69	39365	33117	29090	27338	25028	24037		9.9	9.5
	18C	1840.91	48843	45480	43542	39312	30954	25142		9.8	9.5
	20C	1961.72	39365	33117	29090	27338	25028	24037		9.8	9.5
	22C	2373.05	39365	33117	29090	27338	25028	24037		9.8	9.4
	25C	2823.32	28603	24028	21143	20337	18576	17789		9.7	9.4

PL05



	L
PL0510	1.65"
PL0520	4.31"
PL0530	5.96"
PL0540	7.62"

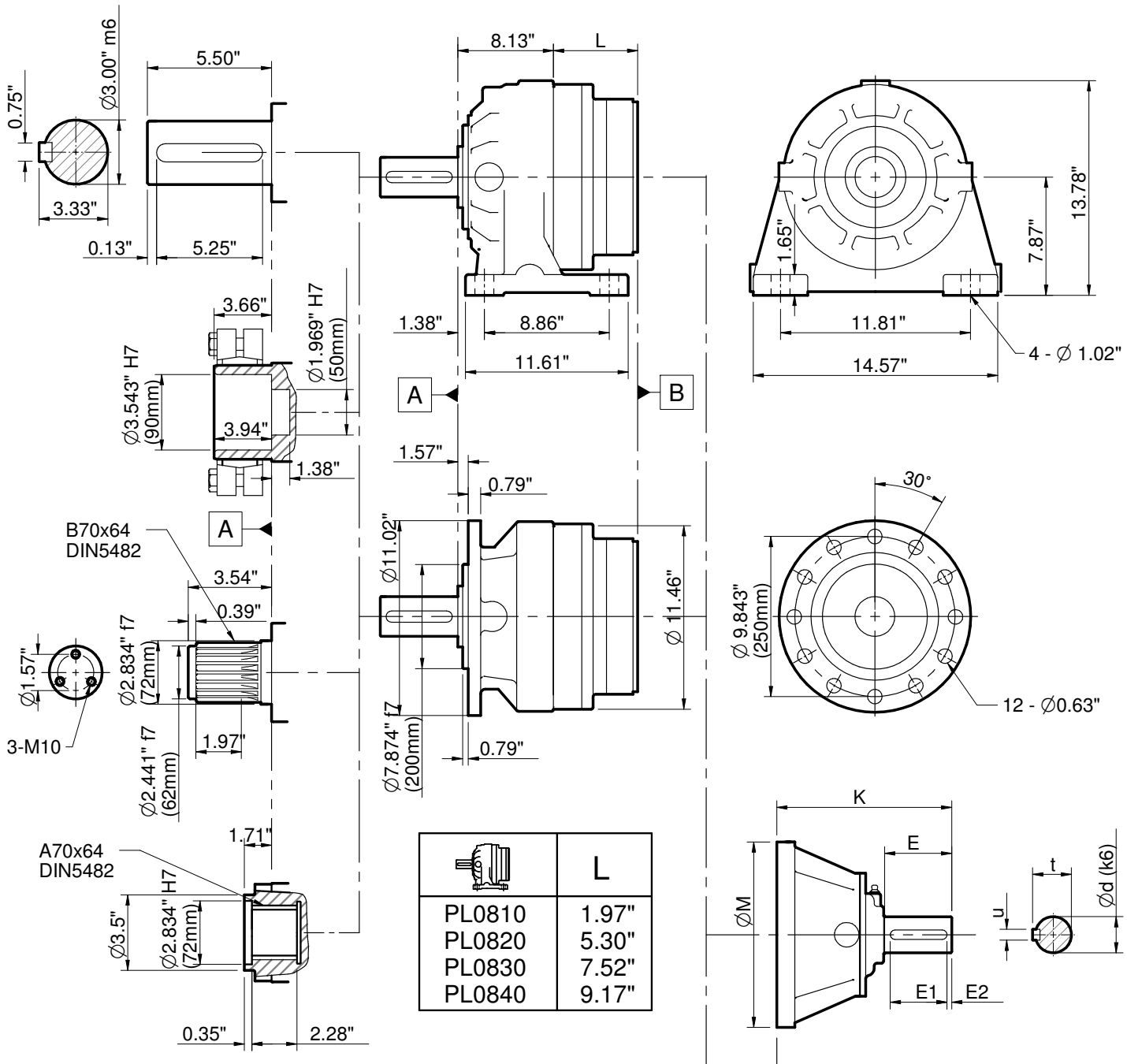
	PL0510	PL0520 PL0530 PL0540
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.500"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.78"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PL0510		PL0520 PL0530 PL0540	
	L1	ØP	L1	ØP
56C	-	-	3.46"	6.5"
143/145TC	-	-	3.46"	6.5"
183/185TC	-	-	4.38"	9.0"
213/215TC	-	-	4.38"	9.0"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

PL08

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	3.6	3.64	94421	88801	87518	80638	49756	40414		54.1	50.3
	4.5	4.36	88987	82571	73411	69384	48689	39548		50.2	46.6
PL0810	5.6	5.63	68517	57711	50746	47755	43799	38414	2500	45.6	42.3
	7.1	6.69	56543	47586	41949	40391	36993	35524		42.9	39.8
	14.	13.27	94421	88801	87518	80638	49756	40414		36.4	34.1
	16.	15.90	94421	88801	87518	80638	49756	40414		35.4	33.2
	20.	19.04	88987	82571	73411	69384	48689	39548		34.5	32.3
	22.	20.49	94421	88801	87518	80638	49756	40414		34.2	32.0
PL0820	25.	24.38	94421	88801	87518	80638	49756	40414	2800	33.4	31.2
	28.	29.20	88987	82571	73411	69384	48689	39548		32.6	30.5
	32.	31.64	68517	57711	50746	47755	43799	38414		32.2	30.2
	36.	37.64	68517	57711	50746	47755	43799	38414		31.5	29.5
	45.	44.79	56543	47586	41949	40391	36993	35524		30.8	28.8
	56.	51.61	94421	88801	87518	80638	49756	40414		21.5	20.1
	63.	62.56	94421	88801	87518	80638	49756	40414		21.3	19.9
	71.	74.94	94421	88801	87518	80638	49756	40414		21.1	19.7
	80.	82.28	94421	88801	87518	80638	49756	40414		21.0	19.7
	90.	89.77	88987	82571	73411	69384	48689	39548		20.9	19.6
	100	98.56	94421	88801	87518	80638	49756	40414		20.8	19.5
	112	119.22	94421	88801	87518	80638	49756	40414		20.6	19.3
PL0830	125	127.04	94421	88801	87518	80638	49756	40414	3500	20.5	19.2
	140	142.81	88987	82571	73411	69384	48689	39548		20.4	19.1
	160	153.68	94421	88801	87518	80638	49756	40414		20.3	19.0
	180	182.84	94421	88801	87518	80638	49756	40414		20.2	18.9
	225	219.02	88987	82571	73411	69384	48689	39548		20.0	18.7
	250	237.30	68517	57711	50746	47755	43799	38414		19.9	18.6
	280	282.33	68517	57711	50746	47755	43799	38414		19.7	18.5
	360	335.90	56543	47586	41949	40391	36993	35524		19.6	18.3
	250	243.29	94421	88801	87518	80638	49756	40414		15.6	14.7
	315	294.93	94421	88801	87518	80638	49756	40414		15.4	14.5
	360	319.96	94421	88801	87518	80638	49756	40414		14.9	14.0
	400	387.05	94421	88801	87518	80638	49756	40414		14.5	13.6
	450	469.20	94421	88801	87518	80638	49756	40414		14.4	13.6
	500	510.11	94421	88801	87518	80638	49756	40414		14.4	13.5
	560	562.04	94421	88801	87518	80638	49756	40414		14.4	13.5
	630	617.07	94421	88801	87518	80638	49756	40414		14.3	13.5
	710	746.46	94421	88801	87518	80638	49756	40414		14.3	13.4
PL0840	800	787.68	94421	88801	87518	80638	49756	40414	3500	14.2	13.4
	900	894.16	94421	88801	87518	80638	49756	40414		14.2	13.3
	10C	952.83	94421	88801	87518	80638	49756	40414		14.2	13.3
	11C	1152.62	94421	88801	87518	80638	49756	40414		14.1	13.2
	12C	1371.33	94421	88801	87518	80638	49756	40414		14.0	13.2
	14C	1471.29	68517	57711	50746	47755	43799	38414		14.0	13.2
	16C	1642.66	88987	82571	73411	69384	48689	39548		14.0	13.1
	18C	1779.79	68517	57711	50746	47755	43799	38414		13.9	13.1
	20C	2117.49	68517	57711	50746	47755	43799	38414		13.9	13.0
	25C	2519.27	56543	47586	41949	40391	36993	35524		13.8	13.0

PL08



	L
PL0810	1.97"
PL0820	5.30"
PL0830	7.52"
PL0840	9.17"

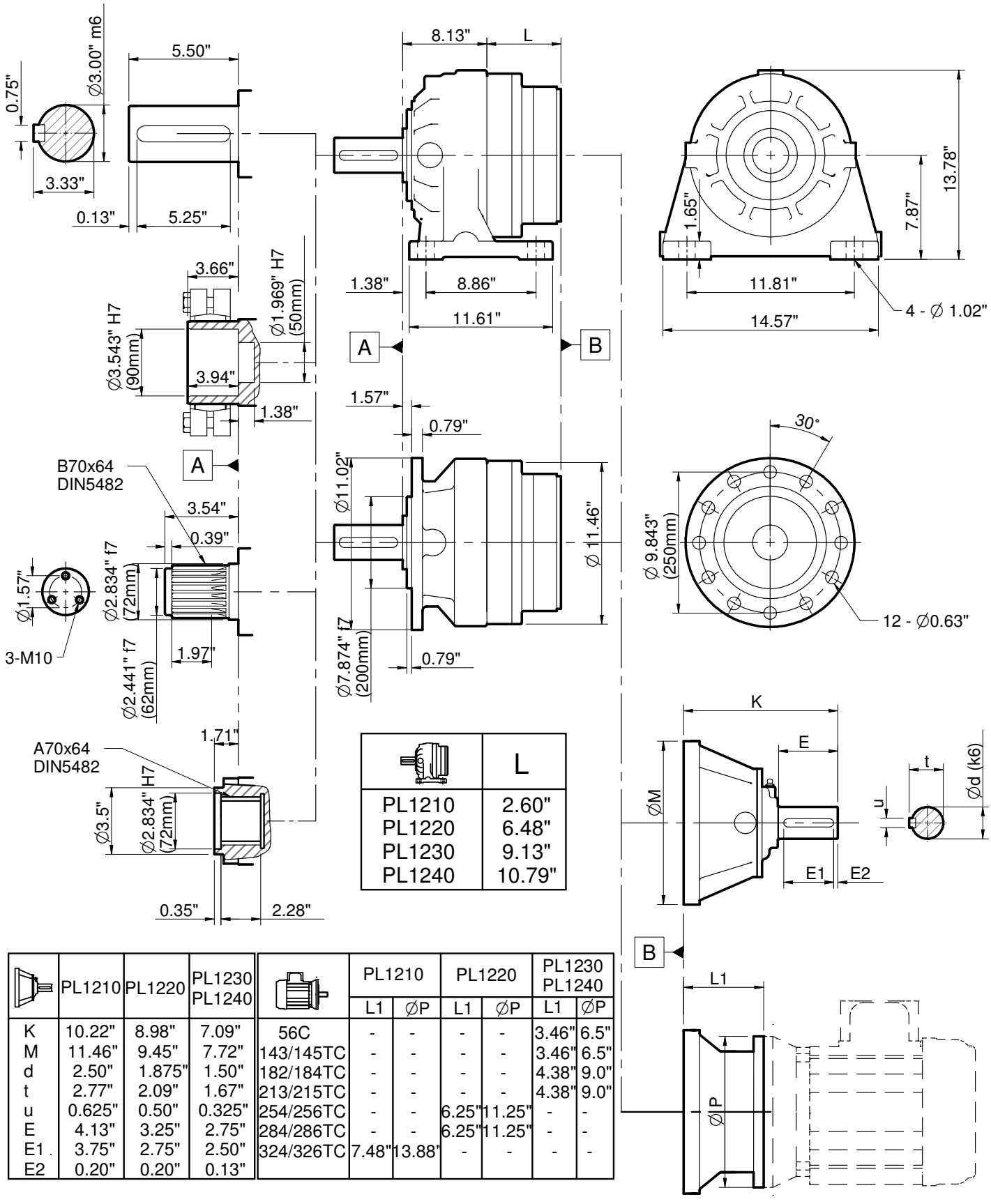
	PL0810	PL0820	PL0830 PL0840
K	10.22"	8.98"	7.09"
M	11.46"	9.45"	7.72"
d	2.50"	1.875"	1.50"
t	2.77"	2.09"	1.67"
u	0.625"	0.50"	0.325"
E	4.13"	3.25"	2.75"
E1	3.75"	2.75"	2.50"
E2	0.20"	0.20"	0.13"

	PL0810		PL0820		PL0830 PL0840	
	L1	ØP	L1	ØP	L1	ØP
56C	-	-	-	-	3.46"	6.5"
143/145TC	-	-	-	-	3.46"	6.5"
182/184TC	-	-	-	-	4.38"	9.0"
213/215TC	-	-	-	-	4.38"	9.0"
254/256TC	-	-	6.25"	11.25"	-	-
284/286TC	-	-	6.25"	11.25"	-	-
324/326TC	7.48"	13.88"	-	-	-	-

PL12

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	3.6	3.64	125688	118201	116537	99799	61579	50018		55.8	52.0
	4.5	4.36	118457	109917	97916	88465	60293	48973		51.8	48.2
PL1210	5.6	5.63	91367	76995	67747	63685	58383	47573	2500	47.0	43.8
	7.1	6.69	75393	63455	55959	53843	49321	47128		44.2	41.2
	14.	13.27	125688	118201	116537	99799	61579	50018		38.2	35.9
	16.	15.90	125688	118201	116537	99799	61579	50018		37.2	34.9
	20.	19.04	118457	109917	97916	88465	60293	48973		36.2	34.0
	22.	20.49	125688	118201	116537	99799	61579	50018		35.8	33.7
PL1220	25.	24.38	125688	118201	116537	99799	61579	50018	2800	35.0	32.9
	28.	29.20	118457	109917	97916	88465	60293	48973		34.1	32.1
	32.	31.64	91367	76995	67747	63685	58383	47573		33.8	31.7
	36.	37.64	91367	76995	67747	63685	58383	47573		33.0	31.0
	45.	44.79	75393	63455	55959	53843	49321	47128		32.3	30.3
	56.	51.61	125688	118201	116537	99799	61579	50018		22.8	21.4
	63.	62.56	125688	118201	116537	99799	61579	50018		22.6	21.2
	71.	74.94	125688	118201	116537	99799	61579	50018		22.4	21.0
	80.	82.28	125688	118201	116537	99799	61579	50018		22.3	20.9
	90.	89.77	118457	109917	97916	88465	60293	48973		22.2	20.8
	100	98.56	125688	118201	116537	99799	61579	50018		22.1	20.7
	112	119.22	125688	118201	116537	99799	61579	50018		21.8	20.5
PL1230	125	127.04	125688	118201	116537	99799	61579	50018	3500	21.8	20.5
	140	142.81	118457	109917	97916	88465	60293	48973		21.6	20.4
	160	153.68	125688	118201	116537	99799	61579	50018		21.6	20.3
	180	182.84	125688	118201	116537	99799	61579	50018		21.4	20.1
	225	219.02	118457	109917	97916	88465	60293	48973		21.2	19.9
	250	237.30	91367	76995	67747	63685	58383	47573		21.1	19.8
	280	282.33	91367	76995	67747	63685	58383	47573		20.9	19.7
	360	335.90	75393	63455	55959	53843	49321	47128		20.8	19.5
	250	243.29	125688	118201	116537	99799	61579	50018		16.6	15.6
	315	294.93	125688	118201	116537	99799	61579	50018		16.3	15.4
	360	319.96	125688	118201	116537	99799	61579	50018		15.8	14.9
	400	387.05	125688	118201	116537	99799	61579	50018		15.4	14.5
	450	469.20	125688	118201	116537	99799	61579	50018		15.3	14.4
	500	510.11	125688	118201	116537	99799	61579	50018		15.3	14.4
	560	562.04	125688	118201	116537	99799	61579	50018		15.2	14.3
	630	617.07	125688	118201	116537	99799	61579	50018		15.2	14.3
	710	746.46	125688	118201	116537	99799	61579	50018		15.1	14.2
PL1240	800	787.68	125688	118201	116537	99799	61579	50018	3500	15.1	14.2
	900	894.16	125688	118201	116537	99799	61579	50018		15.0	14.2
	10C	952.83	125688	118201	116537	99799	61579	50018		15.0	14.1
	11C	1152.62	125688	118201	116537	99799	61579	50018		14.9	14.1
	12C	1371.33	125688	118201	116537	99799	61579	50018		14.9	14.0
	14C	1471.29	91367	76995	67747	63685	58383	47573		14.8	14.0
	16C	1642.66	118457	109917	97916	88465	60293	48973		14.8	13.9
	18C	1779.79	91367	76995	67747	63685	58383	47573		14.8	13.9
	20C	2117.49	91367	76995	67747	63685	58383	47573		14.7	13.8
	25C	2519.27	75393	63455	55959	53843	49321	47128		14.6	13.8

PL12



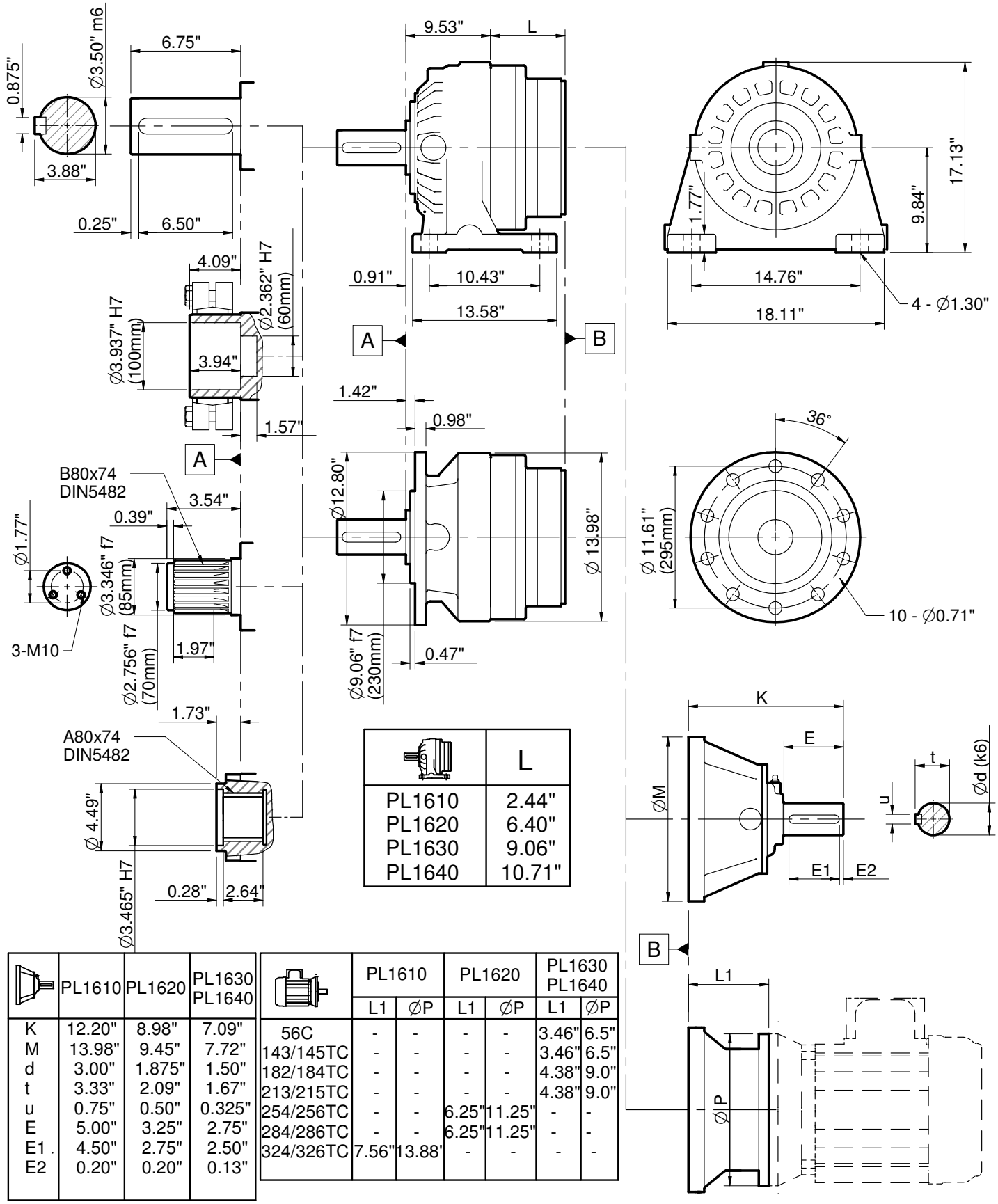
	L
PL1210	2.60"
PL1220	6.48"
PL1230	9.13"
PL1240	10.79"

	PL1210	PL1220	PL1230 PL1240
K	10.22"	8.98"	7.09"
M	11.46"	9.45"	7.72"
d	2.50"	1.875"	1.50"
t	2.77"	2.09"	1.67"
u	0.625"	0.50"	0.325"
E	4.13"	3.25"	2.75"
E1	3.75"	2.75"	2.50"
E2	0.20"	0.20"	0.13"

	PL1210		PL1220		PL1230 PL1240	
	L1	ØP	L1	ØP	L1	ØP
56C	-	-	-	-	3.46"	6.5"
143/145TC	-	-	-	-	3.46"	6.5"
182/184TC	-	-	-	-	4.38"	9.0"
213/215TC	-	-	-	-	4.38"	9.0"
254/256TC	-	-	6.25"	11.25"	-	-
284/286TC	-	-	6.25"	11.25"	-	-
324/326TC	7.48"	13.88"	-	-	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	4.0	3.88	186841	175053	166380	146372	90316	73360		103.1	70.1
	5.0	4.83	166823	140697	124166	114262	87935	71426		94.3	64.1
PL1610	7.1	6.75	98571	83146	73544	70765	64844	62171	2300	83.6	56.8
	14.	14.12	186841	175053	166380	146372	90316	73360		67.3	46.3
	16.	16.91	186841	175053	166380	146372	90316	73360		65.5	45.0
	22.	21.80	166823	140697	124166	114262	87935	71426		63.0	43.3
	25.	25.93	186841	175053	166380	146372	90316	73360		61.5	42.3
PL1620	28.	27.19	186841	175053	166380	146372	90316	73360	2800	61.1	42.0
	32.	32.35	166823	140697	124166	114262	87935	71426		59.6	41.0
	36.	37.97	98571	83146	73544	70765	64844	62171		58.3	40.1
	45.	45.17	98571	83146	73544	70765	64844	62171		57.0	39.2
	56.	54.90	186841	175053	166380	146372	90316	73360		39.6	27.3
	63.	66.55	186841	175053	166380	146372	90316	73360		39.2	27.0
	80.	79.71	186841	175053	166380	146372	90316	73360		38.8	26.8
	90.	87.52	186841	175053	166380	146372	90316	73360		38.6	26.6
	100	105.87	186841	175053	166380	146372	90316	73360		38.2	26.4
	112	109.16	166823	140697	124166	114262	87935	71426		38.2	26.3
	125	126.82	186841	175053	166380	146372	90316	73360		37.9	26.1
PL1630	140	135.14	186841	175053	166380	146372	90316	73360	3500	37.8	26.0
	160	163.48	186841	175053	166380	146372	90316	73360		37.4	25.8
	200	194.50	186841	175053	166380	146372	90316	73360		37.1	25.6
	225	203.91	166823	140697	124166	114262	87935	71426		37.0	25.5
	250	242.60	166823	140697	124166	114262	87935	71426		36.7	25.3
	280	284.77	98571	83146	73544	70765	64844	62171		36.4	25.1
	315	338.80	98571	83146	73544	70765	64844	62171		36.1	24.9
	225	213.48	186841	175053	166380	146372	90316	73360		28.6	20.0
	280	258.79	186841	175053	166380	146372	90316	73360		28.6	20.0
	315	313.72	186841	175053	166380	146372	90316	73360		26.3	18.4
	360	340.35	186841	175053	166380	146372	90316	73360		26.0	18.2
	400	411.72	186841	175053	166380	146372	90316	73360		26.0	18.2
	500	499.10	186841	175053	166380	146372	90316	73360		25.9	18.1
	560	542.62	186841	175053	166380	146372	90316	73360		25.8	18.0
	630	597.86	186841	175053	166380	146372	90316	73360		25.8	18.0
	710	656.40	186841	175053	166380	146372	90316	73360		25.7	17.9
	800	794.03	186841	175053	166380	146372	90316	73360		25.6	17.8
	900	951.14	186841	175053	166380	146372	90316	73360		25.4	17.7
PL1640	10C	1013.55	186841	175053	166380	146372	90316	73360	3500	25.4	17.7
	12C	1226.07	186841	175053	166380	146372	90316	73360		25.3	17.6
	14C	1458.71	186841	175053	166380	146372	90316	73360		25.1	17.5
	16C	1504.10	166823	140697	124166	114262	87935	71426		25.1	17.5
	18C	1819.47	166823	140697	124166	114262	87935	71426		25.0	17.4
	20C	2100.55	98571	83146	73544	70765	64844	62171		24.9	17.4
	25C	2540.99	98571	83146	73544	70765	64844	62171		24.8	17.3
	16C	1642.66	118457	109917	97916	88465	60293	48973		14.8	13.9
	18C	1779.79	91367	76995	67747	63685	58383	47573		14.8	13.9
	20C	2117.49	91367	76995	67747	63685	58383	47573		14.7	13.8
	25C	2519.27	75393	63455	55959	53843	49321	47128		14.6	13.8

PL16



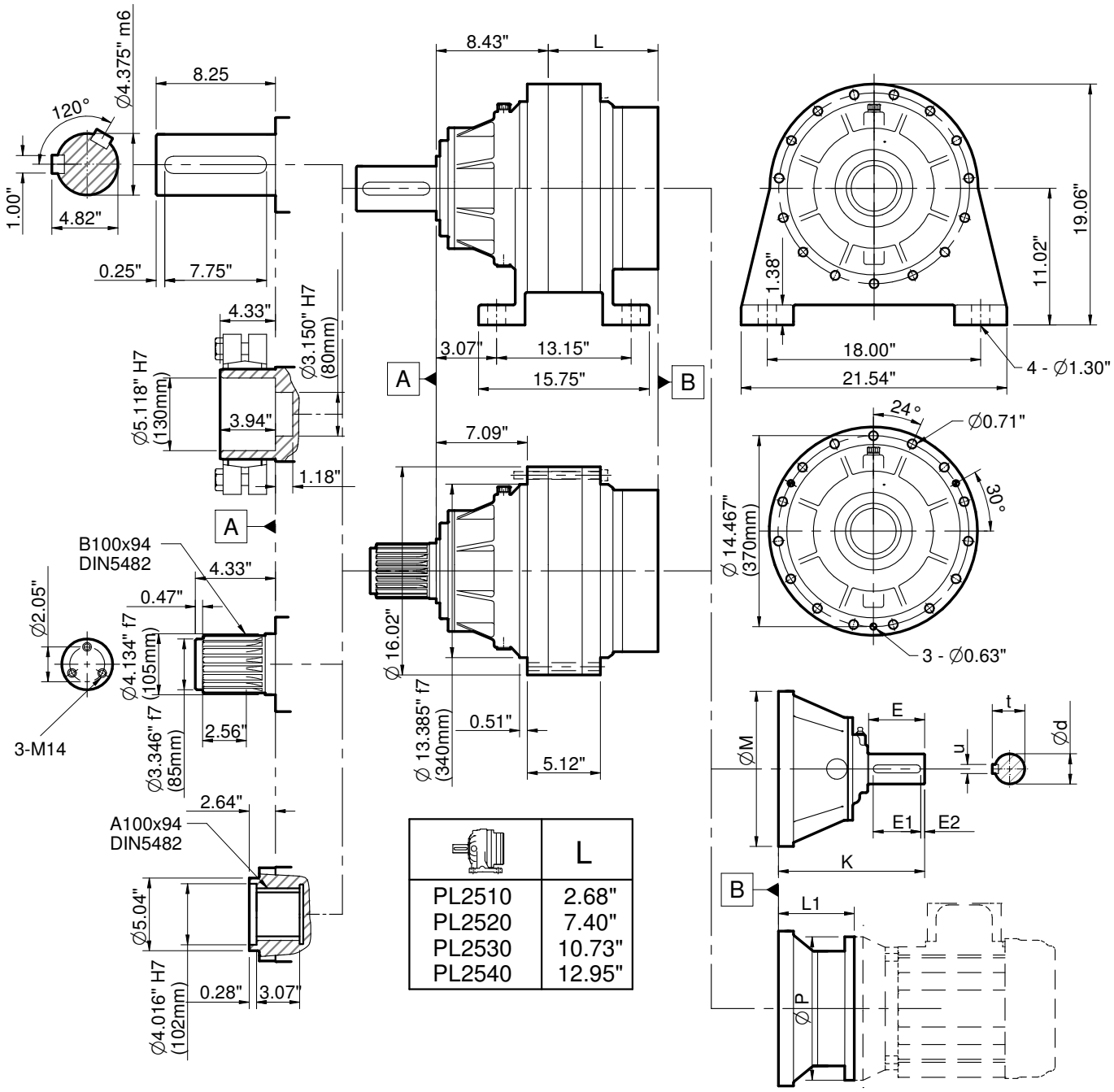
	L
PL1610	2.44"
PL1620	6.40"
PL1630	9.06"
PL1640	10.71"

	PL1610	PL1620	PL1630 PL1640
K	12.20"	8.98"	7.09"
M	13.98"	9.45"	7.72"
d	3.00"	1.875"	1.50"
t	3.33"	2.09"	1.67"
u	0.75"	0.50"	0.325"
E	5.00"	3.25"	2.75"
E1	4.50"	2.75"	2.50"
E2	0.20"	0.20"	0.13"

	PL1610		PL1620		PL1630 PL1640	
	L1	ØP	L1	ØP	L1	ØP
56C	-	-	-	-	3.46"	6.5"
143/145TC	-	-	-	-	3.46"	6.5"
182/184TC	-	-	-	-	4.38"	9.0"
213/215TC	-	-	-	-	4.38"	9.0"
254/256TC	-	-	6.25"	11.25"	-	-
284/286TC	-	-	6.25"	11.25"	-	-
324/326TC	7.56"	13.88"	-	-	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	4.0	4.00	289094	261686	231215	206648	138485	112485		-	74.4
PL2510	5.0	5.20	224657	190275	168062	156264	135037	109684	2000	-	67.1
	6.3	6.25	165557	139945	123404	118050	108413	104253		-	62.8
	14.	14.57	289094	261686	231215	206648	138485	112485		-	50.1
	18.	17.45	289094	261686	231215	206648	138485	112485		-	48.7
	22.	22.50	289094	261686	231215	206648	138485	112485		-	46.9
PL2520	25.	26.77	289094	261686	231215	206648	138485	112485	2500	-	45.8
	28.	29.25	224657	190275	168062	156264	135037	109684		-	45.2
	32.	34.80	224657	190275	168062	156264	135037	109684		-	44.1
	36.	35.16	165557	139945	123404	118050	108413	104253		-	44.1
	40.	41.83	165557	139945	123404	118050	108413	104253		-	43.0
	56.	53.08	289094	261686	231215	206648	138485	112485		-	29.6
	63.	63.58	289094	261686	231215	206648	138485	112485		-	29.4
	71.	76.17	289094	261686	231215	206648	138485	112485		-	29.1
	80.	81.96	289094	261686	231215	206648	138485	112485		-	29.0
	90.	97.52	289094	261686	231215	206648	138485	112485		-	28.7
	100	106.55	224657	190275	168062	156264	135037	109684		-	28.6
PL2530	112	116.81	289094	261686	231215	206648	138485	112485	2800	-	28.4
	125	126.56	289094	261686	231215	206648	138485	112485		-	28.3
	140	150.58	289094	261686	231215	206648	138485	112485		-	28.1
	160	164.53	224657	190275	168062	156264	135037	109684		-	27.9
	180	179.15	289094	261686	231215	206648	138485	112485		-	27.8
	200	195.75	224657	190275	168062	156264	135037	109684		-	27.7
	250	232.89	224657	190275	168062	156264	135037	109684		-	27.4
	280	279.92	165557	139945	123404	118050	108413	104253		-	27.2
	200	206.43	289094	261686	231215	206648	138485	112485		-	21.1
	250	250.24	289094	261686	231215	206648	138485	112485		-	20.9
	280	299.76	289094	261686	231215	206648	138485	112485		-	19.6
	315	329.11	289094	261686	231215	206648	138485	112485		-	19.1
	360	359.06	289094	261686	231215	206648	138485	112485		-	19.0
	400	398.11	289094	261686	231215	206648	138485	112485		-	19.0
	450	476.88	289094	261686	231215	206648	138485	112485		-	18.9
	500	508.18	289094	261686	231215	206648	138485	112485		-	18.8
	630	614.73	289094	261686	231215	206648	138485	112485		-	18.7
	710	731.37	289094	261686	231215	206648	138485	112485		-	18.6
PL2540	800	784.69	289094	261686	231215	206648	138485	112485	3500	-	18.6
	900	876.08	289094	261686	231215	206648	138485	112485		-	18.6
	10C	949.22	289094	261686	231215	206648	138485	112485		-	18.5
	11C	1129.33	289094	261686	231215	206648	138485	112485		-	18.4
	12C	1343.61	289094	261686	231215	206648	138485	112485		-	18.3
	14C	1468.13	224657	190275	168062	156264	135037	109684		-	18.3
	18C	1746.69	224657	190275	168062	156264	135037	109684		-	18.2
	20C	2099.39	165557	139945	123404	118050	108413	104253		-	18.1

PL25



	L
PL2510	2.68"
PL2520	7.40"
PL2530	10.73"
PL2540	12.95"

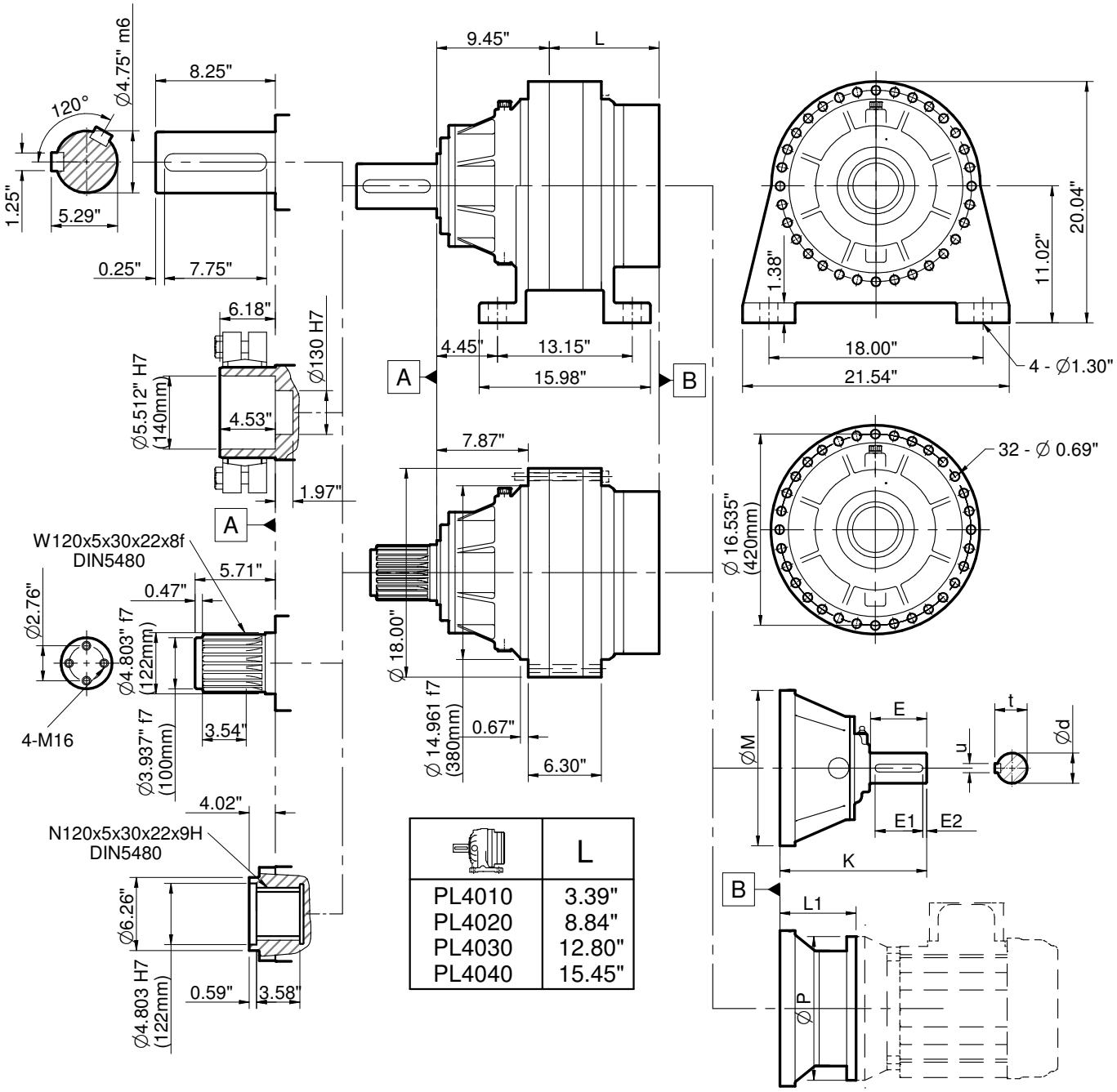
	PL2510	PL2520	PL2530	PL2540
K	14.69"	10.22"	8.98"	7.09"
M	16.02"	11.46"	9.45"	7.72"
d	3.50"	2.50"	1.875"	1.50"
t	3.88"	2.77"	2.09"	1.67"
u	0.875"	0.625"	0.500"	0.325"
E	6.70"	4.13"	3.25"	2.78"
E1	6.25"	3.75"	2.75"	2.50"
E2	0.20"	0.20"	0.20"	0.13"

	PL2510		PL2520		PL2530		PL2540	
	L1	ØP	L1	ØP	L1	ØP	L1	ØP
56C	-	-	-	-	-	-	3.46"	6.5"
143/145TC	-	-	-	-	-	-	3.46"	6.5"
182/184TC	-	-	-	-	-	-	4.38"	9.0"
213/215TC	-	-	-	-	-	-	4.38"	9.0"
254/256TC	-	-	-	-	6.25"	11.25"	-	-
284/286TC	-	-	-	-	6.25"	11.25"	-	-
324/326TC	7.48"	13.88"	7.48"	13.88"	-	-	-	-

PL40

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	4.0	4.17	431765	401772	378426	340805	253433	205852		-	86.1
PL4010	5.0	5.29	361700	306352	270766	252747	232543	200072	2000	-	78.5
	6.3	6.21	297210	251473	222091	212267	195036	187355		-	74.1
	16.	16.17	431765	401772	378426	340805	253433	205852		-	64.1
	20.	20.17	431765	401772	378426	340805	253433	205852		-	61.9
	25.	25.59	361700	306352	270766	252747	232543	200072		-	59.7
PL4020	28.	28.17	431765	401772	378426	340805	253433	205852	2300	-	58.9
	32.	30.04	297210	251473	222091	212267	195036	187355		-	58.3
	36.	35.74	361700	306352	270766	252747	232543	200072		-	56.9
	45.	41.95	297210	251473	222091	212267	195036	187355		-	55.7
	56.	58.92	431765	401772	378426	340805	253433	205852		-	37.7
	71.	70.58	431765	401772	378426	340805	253433	205852		-	37.4
	80.	74.73	361700	306352	270766	252747	232543	200072		-	37.2
	90.	90.98	431765	401772	378426	340805	253433	205852		-	36.9
	100	108.24	431765	401772	378426	340805	253433	205852		-	36.5
	112	113.48	431765	401772	378426	340805	253433	205852		-	36.4
PL4030	125	135.01	431765	401772	378426	340805	253433	205852	2800	-	36.1
	140	143.93	361700	306352	270766	252747	232543	200072		-	36.0
	160	158.48	431765	401772	378426	340805	253433	205852		-	35.8
	180	188.55	431765	401772	378426	340805	253433	205852		-	35.5
	200	201.01	361700	306352	270766	252747	232543	200072		-	35.4
	250	239.15	361700	306352	270766	252747	232543	200072		-	35.1
	280	280.72	297210	251473	222091	212267	195036	187355		-	34.8
	225	229.13	431765	401772	378426	340805	253433	205852		-	27.2
	280	277.76	431765	401772	378426	340805	253433	205852		-	25.8
	315	332.72	431765	401772	378426	340805	253433	205852		-	24.6
	360	365.30	431765	401772	378426	340805	253433	205852		-	24.6
	400	441.89	431765	401772	378426	340805	253433	205852		-	24.4
	450	455.64	431765	401772	378426	340805	253433	205852		-	24.4
	500	529.33	431765	401772	378426	340805	253433	205852		-	24.3
	560	564.07	431765	401772	378426	340805	253433	205852		-	24.3
	630	682.34	431765	401772	378426	340805	253433	205852		-	24.1
	710	715.45	361700	306352	270766	252747	232543	200072		-	24.1
	800	851.09	431765	401772	378426	340805	253433	205852		-	24.0
	900	865.46	361700	306352	270766	252747	232543	200072		-	24.0
PL4040	10C	1012.58	431765	401772	378426	340805	253433	205852	3500	-	23.9
	12C	1188.59	431765	401772	378426	340805	253433	205852		-	23.8
	14C	1414.11	431765	401772	378426	340805	253433	205852		-	23.6
	18C	1793.64	361700	306352	270766	252747	232543	200072		-	23.5
	20C	2105.39	297210	251473	222091	212267	195036	187355		-	23.4

PL40



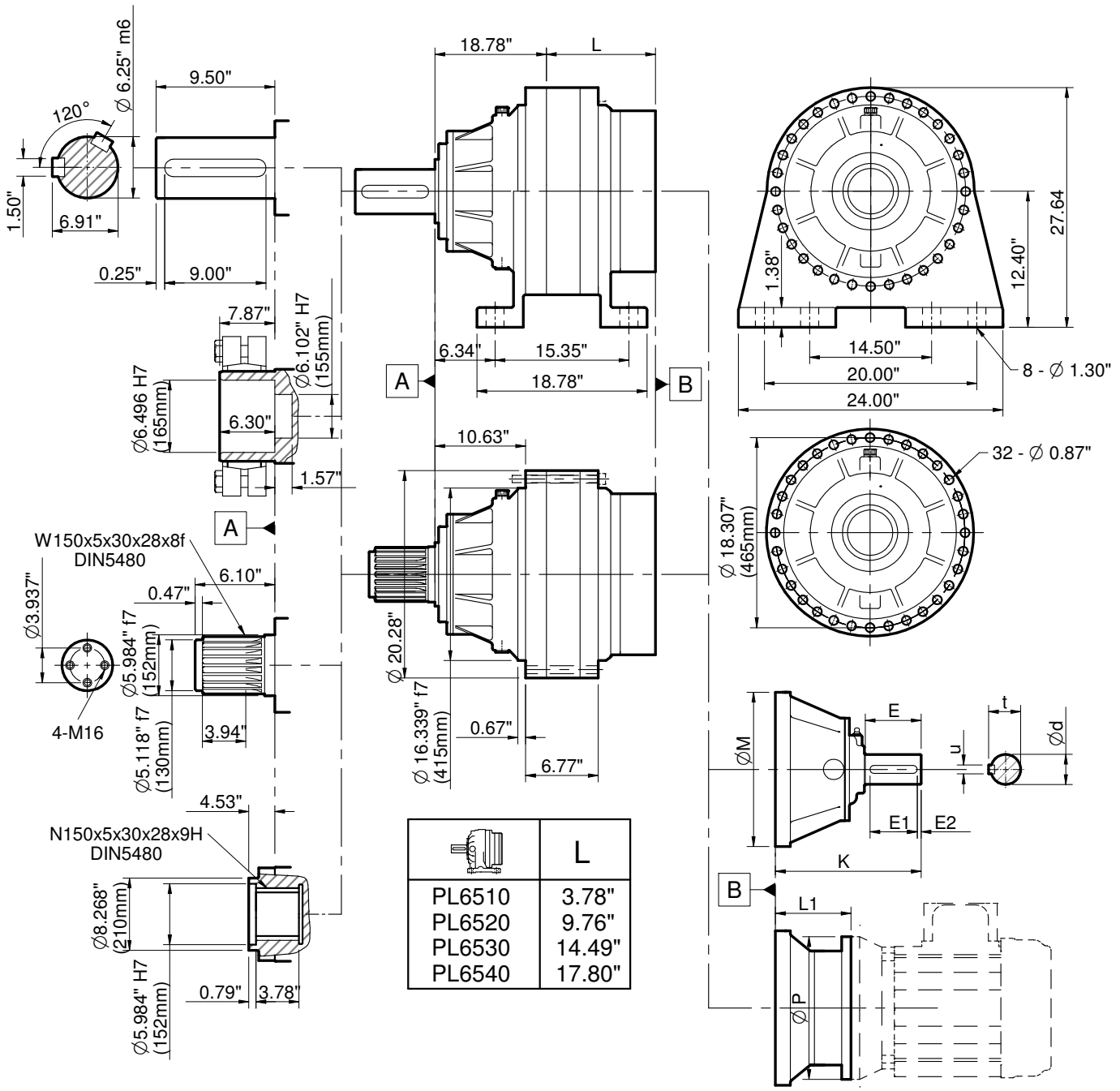
	L
PL4010	3.39"
PL4020	8.84"
PL4030	12.80"
PL4040	15.45"

	PL4010	PL4020	PL4030	PL4040
K	16.14"	14.69"	8.98"	7.09"
M	18.00"	16.02"	9.45"	7.72"
d	4.00"	3.50"	1.875	1.50"
t	4.44"	3.88"	2.09"	1.67"
u	1.000"	0.875"	0.500"	0.325"
E	7.50"	6.70"	3.25"	2.78"
E1	7.00"	6.25"	2.75"	2.50"
E2	0.20"	0.20"	0.20"	0.13"

	PL4010		PL4020		PL4030		PL4040	
	L1	ØP	L1	ØP	L1	ØP	L1	ØP
56C	-	-	-	-	-	-	3.46"	6.5"
143/145TC	-	-	-	-	-	-	3.46"	6.5"
182/184TC	-	-	-	-	-	-	4.38"	9.0"
213/215TC	-	-	-	-	-	-	4.38"	9.0"
254/256TC	-	-	-	-	6.25"	11.25"	-	-
284/286TC	-	-	-	-	6.25"	11.25"	-	-
324/326TC	7.48"	13.88"	7.48"	13.88"	-	-	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	4.0	4.17	749595	697823	647378	604013	508371	412926		-	120.0
PL6510	5.0	4.84	708885	601358	532328	507990	468431	405479	2000	-	113.2
	6.3	5.87	537195	455421	410375	395418	363558	349398		-	105.4
	16.	16.70	749595	697823	647378	604013	508371	412926		-	73.7
	18.	19.37	708885	601358	532328	507990	468431	405479		-	74.1
	20.	21.70	749595	697823	647378	604013	508371	412926		-	74.4
PL6520	22.	25.18	708885	601358	532328	507990	468431	405479	2000	-	74.6
	28.	26.09	749595	697823	647378	604013	508371	412926		-	74.7
	32.	30.26	708885	601358	532328	507990	468431	405479		-	74.9
	40.	36.67	537195	455421	410375	395418	363558	349398		-	75.1
	56.	60.82	749595	697823	647378	604013	508371	412926		-	51.9
	63.	70.56	708885	601358	532328	507990	468431	405479		-	51.5
	71.	72.85	749595	697823	647378	604013	508371	412926		-	51.4
	80.	84.52	708885	601358	532328	507990	468431	405479		-	51.0
	90.	93.91	749595	697823	647378	604013	508371	412926		-	50.7
	100	111.73	749595	697823	647378	604013	508371	412926		-	50.3
PL6530	112	122.09	749595	697823	647378	604013	508371	412926	2500	-	50.0
	125	129.62	708885	601358	532328	507990	468431	405479		-	49.9
	140	145.25	749595	697823	647378	604013	508371	412926		-	49.6
	160	146.74	749595	697823	647378	604013	508371	412926		-	49.5
	180	188.55	749595	697823	647378	604013	508371	412926		-	48.9
	225	218.73	708885	601358	532328	507990	468431	405479		-	48.5
	250	265.02	537195	455421	410375	395418	363558	349398		-	48.1
	225	221.56	749595	697823	647378	604013	508371	412926		-	36.9
	280	265.40	749595	697823	647378	604013	508371	412926		-	34.9
	315	317.91	749595	697823	647378	604013	508371	412926		-	34.7
	360	342.11	749595	697823	647378	604013	508371	412926		-	34.7
	400	407.03	749595	697823	647378	604013	508371	412926		-	34.5
	450	444.75	749595	697823	647378	604013	508371	412926		-	34.4
	500	487.56	749595	697823	647378	604013	508371	412926		-	34.3
	560	528.26	749595	697823	647378	604013	508371	412926		-	34.2
	630	628.49	749595	697823	647378	604013	508371	412926		-	34.1
	710	686.74	749595	697823	647378	604013	508371	412926		-	34.0
	800	817.04	749595	697823	647378	604013	508371	412926		-	33.8
	10C	972.07	749595	697823	647378	604013	508371	412926		-	33.7
PL6540	12C	1168.36	749595	697823	647378	604013	508371	412926	2800	-	33.5
	14C	1355.40	708885	601358	532328	507990	468431	405479		-	33.4
	16C	1642.19	537195	455421	410375	395418	363558	349398		-	33.2
										-	
										-	

PL65



	L
PL6510	3.78"
PL6520	9.76"
PL6530	14.49"
PL6540	17.80"

	PL6510	PL6520	PL6530	PL6540
K	18.78"	14.69"	10.22"	8.98"
M	20.28"	16.02"	11.46"	9.45"
d	4.375"	3.50"	2.50"	1.875
t	4.82"	3.88"	2.77"	2.09"
u	1.000"	0.875"	0.625"	0.500"
E	8.25"	6.70"	4.13"	3.25"
E1	7.75"	6.25"	3.75"	2.75"
E2	0.20"	0.20"	0.20"	0.20"

	PL6520		PL6530		PL6540	
	L1	ØP	L1	ØP	L1	ØP
254/256TC	-	-	-	-	6.25"	11.25"
284/286TC	-	-	-	-	6.25"	11.25"
324/326TC	7.48"	13.88"	7.48"	13.88"	-	-

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.25 HP **4 - Pole**	6.6	265.18	2388	3.64	2900	PL0130 250 - M - - - .25 B	56C	8.6	7.9
	6.1	288.30	2596	2.35	2900	PL0130 280 - M - - - .25 B	56C	8.6	7.9
	5.0	348.75	3140	1.97	2900	PL0130 360 - M - - - .25 B	56C	8.5	7.8
	4.1	421.88	3798	1.21	2900	PL0130 400 - M - - - .25 B	56C	8.5	7.8
	5.2	336.11	3026	3.59	2900	PL0140 315 - M - - - .25 B	56C	7.4	6.8
	4.8	364.64	3283	3.33	2900	PL0140 360 - M - - - .25 B	56C	7.0	6.5
	4.0	441.10	3971	2.78	2900	PL0140 450 - M - - - .25 B	56C	6.8	6.3
	3.3	534.72	4814	2.32	2900	PL0140 500 - M - - - .25 B	56C	6.3	5.8
	3.0	581.35	5234	2.15	2900	PL0140 560 - M - - - .25 B	56C	6.3	5.8
	2.7	648.21	5836	1.94	2900	PL0140 630 - M - - - .25 B	56C	6.3	5.8
	2.5	703.24	6332	1.80	2900	PL0140 710 - M - - - .25 B	56C	6.2	5.8
	2.1	850.69	7659	1.50	2900	PL0140 800 - M - - - .25 B	56C	6.2	5.7
	1.9	926.83	8345	1.39	2900	PL0140 900 - M - - - .25 B	56C	6.2	5.7
	1.7	1031.25	9285	1.26	2900	PL0140 10C - M - - - .25 B	56C	6.2	5.7
	1.6	1121.17	10094	1.16	2900	PL0140 11C - M - - - .25 B	56C	6.2	5.7
	1.3	1356.25	12211	0.97	2900	PL0140 14C - M - - - .25 B	56C	6.1	5.7
	1.1	1640.63	14771	0.81	2900	PL0140 16C - M - - - .25 B	56C	6.1	5.6
	3.0	581.35	5234	3.97	2900	PL0240 560 - M - - - .25 B	56C	6.4	6.0
	2.7	648.21	5836	3.58	2900	PL0240 630 - M - - - .25 B	56C	6.4	6.0
	2.5	703.24	6332	3.32	2900	PL0240 710 - M - - - .25 B	56C	6.4	5.9
	2.1	850.69	7659	2.78	2900	PL0240 800 - M - - - .25 B	56C	6.4	5.9
	1.9	926.83	8345	2.56	2900	PL0240 900 - M - - - .25 B	56C	6.4	5.9
	1.7	1031.25	9285	2.32	2900	PL0240 10C - M - - - .25 B	56C	6.4	5.9
	1.6	1121.17	10094	2.15	2900	PL0240 11C - M - - - .25 B	56C	6.3	5.9
	1.3	1356.25	12211	1.79	2900	PL0240 14C - M - - - .25 B	56C	6.3	5.9
	1.1	1640.63	14771	1.50	2900	PL0240 16C - M - - - .25 B	56C	6.3	5.8
	1.0	1787.46	16093	0.79	2900	PL0240 18C - M - - - .25 B	56C	6.3	5.8
	0.88	1988.84	17907	1.02	2900	PL0240 20C - M - - - .25 B	56C	6.3	5.8
	1.8	966.01	8819	4.04	6400	PL0340 900 - M - - - .25 B	56C	9.6	9.2
	1.6	1050.24	9588	3.73	6400	PL0340 10C - M - - - .25 B	56C	9.6	9.2
	1.4	1270.45	11599	3.12	6400	PL0340 11C - M - - - .25 B	56C	9.5	9.2
	1.1	1536.83	14030	2.61	6400	PL0340 12C - M - - - .25 B	56C	9.5	9.2
	1.1	1621.69	14805	1.47	6400	PL0340 14C - M - - - .25 B	56C	9.5	9.1
	0.94	1840.91	16807	1.87	6400	PL0340 16C - M - - - .25 B	56C	9.4	9.1
	0.88	1961.72	17909	1.23	6400	PL0340 18C - M - - - .25 B	56C	9.4	9.1
	0.73	2373.05	21665	1.03	6400	PL0340 20C - M - - - .25 B	56C	9.4	9.1
	1.12	1536.83	14030	4.02	6400	PL0540 14C - M - - - .25 B	56C	9.9	9.5
	1.06	1621.69	14805	2.26	6400	PL0540 16C - M - - - .25 B	56C	9.9	9.5
	0.94	1840.91	16807	2.88	6400	PL0540 18C - M - - - .25 B	56C	9.8	9.5
	0.88	1961.72	17909	1.89	6400	PL0540 20C - M - - - .25 B	56C	9.8	9.5
	0.73	2373.05	21665	1.58	6400	PL0540 22C - M - - - .25 B	56C	9.8	9.4
	0.61	2823.32	25775	1.00	6400	PL0540 25C - M - - - .25 B	56C	9.7	9.4
	0.97	1779.79	16248	3.61	182000	PL0840 18C - M - - - .25 B	56C	13.9	13.1
	0.82	2117.49	19332	3.07	182000	PL0840 20C - M - - - .25 B	56C	13.9	13.0
	0.69	2519.27	23000	2.21	182000	PL0840 25C - M - - - .25 B	56C	13.8	13.0
	0.69	2519.27	23000	2.94	182000	PL1240 25C - M - - - .25 B	56C	15.4	14.5
0.33 HP **4 - Pole**	8.0	218.75	2600	4.07	2900	PL0130 225 - M - - - .33 B	56C	8.7	8.0
	6.6	265.18	3152	2.75	2900	PL0130 250 - M - - - .33 B	56C	8.7	7.9
	6.1	288.30	3426	1.78	2900	PL0130 280 - M - - - .33 B	56C	8.6	7.9
	5.0	348.75	4145	1.49	2900	PL0130 360 - M - - - .33 B	56C	8.5	7.8
	4.1	421.88	5014	0.92	2900	PL0130 400 - M - - - .33 B	56C	8.5	7.8
	6.3	277.26	3295	3.26	2900	PL0140 280 - M - - - .33 B	56C	7.5	6.9
	5.2	336.11	3995	2.72	2900	PL0140 315 - M - - - .33 B	56C	7.4	6.8
	4.8	364.64	4334	2.52	2900	PL0140 360 - M - - - .33 B	56C	7.0	6.5
	4.0	441.10	5242	2.11	2900	PL0140 450 - M - - - .33 B	56C	6.8	6.3
	3.3	534.72	6355	1.76	2900	PL0140 500 - M - - - .33 B	56C	6.3	5.8
	3.0	581.35	6909	1.63	2900	PL0140 560 - M - - - .33 B	56C	6.3	5.8
	2.7	648.21	7704	1.47	2900	PL0140 630 - M - - - .33 B	56C	6.3	5.8
	2.5	703.24	8358	1.36	2900	PL0140 710 - M - - - .33 B	56C	6.2	5.8
	2.1	850.69	10110	1.14	2900	PL0140 800 - M - - - .33 B	56C	6.2	5.7
	1.9	926.83	11015	1.05	2900	PL0140 900 - M - - - .33 B	56C	6.2	5.7
	1.7	1031.25	12256	0.95	2900	PL0140 10C - M - - - .33 B	56C	6.2	5.7
	1.6	1121.17	13325	0.88	2900	PL0140 11C - M - - - .33 B	56C	6.2	5.7
	6.1	288.30	3426	3.29	2900	PL0230 280 - M - - - .33 B	56C	8.9	8.1
	5.0	348.75	4145	2.75	2900	PL0230 360 - M - - - .33 B	56C	8.8	8.1
	4.1	421.88	5014	1.70	2900	PL0230 400 - M - - - .33 B	56C	8.7	8.0

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.33 HP **4 - Pole**	4.0	441.10	5242	3.90	2900	PL0240 450 - M - - - .33 B	56C	8.7	8.0
	3.3	534.72	6355	3.25	2900	PL0240 500 - M - - - .33 B	56C	7.0	6.5
	3.0	581.35	6909	3.01	2900	PL0240 560 - M - - - .33 B	56C	6.4	6.0
	2.7	648.21	7704	2.72	2900	PL0240 630 - M - - - .33 B	56C	6.4	5.9
	2.5	703.24	8358	2.52	2900	PL0240 710 - M - - - .33 B	56C	6.4	5.9
	2.1	850.69	10110	2.11	2900	PL0240 800 - M - - - .33 B	56C	6.4	5.9
	1.9	926.83	11015	1.94	2900	PL0240 900 - M - - - .33 B	56C	6.4	5.9
	1.7	1031.25	12256	1.76	2900	PL0240 10C - M - - - .33 B	56C	6.4	5.9
	1.6	1121.17	13325	1.63	2900	PL0240 11C - M - - - .33 B	56C	6.3	5.9
	1.3	1356.25	16119	1.36	2900	PL0240 14C - M - - - .33 B	56C	6.3	5.8
	1.1	1640.63	19498	1.14	2900	PL0240 16C - M - - - .33 B	56C	6.3	5.8
	1.0	1787.46	21243	0.60	2900	PL0240 18C - M - - - .33 B	56C	6.3	5.8
	0.88	1988.84	23637	0.77	2900	PL0240 20C - M - - - .33 B	56C	6.2	5.8
	2.2	796.88	9603	3.66	6400	PL0340 800 - M - - - .33 B	56C	9.6	9.3
	2.0	868.19	10463	3.38	6400	PL0340 900 - M - - - .33 B	56C	9.6	9.2
	1.8	966.01	11641	3.06	6400	PL0340 10C - M - - - .33 B	56C	9.6	9.2
	1.6	1050.24	12656	2.83	6400	PL0340 11C - M - - - .33 B	56C	9.5	9.2
	1.4	1270.45	15310	2.37	6400	PL0340 12C - M - - - .33 B	56C	9.5	9.2
	1.1	1536.83	18520	1.98	6400	PL0340 14C - M - - - .33 B	56C	9.4	9.1
	1.1	1621.69	19543	1.11	6400	PL0340 16C - M - - - .33 B	56C	9.4	9.1
	0.94	1840.91	22185	1.42	6400	PL0340 18C - M - - - .33 B	56C	9.4	9.1
	0.88	1961.72	23640	0.93	6400	PL0340 20C - M - - - .33 B	56C	9.4	9.0
	1.4	1270.45	15310	3.64	6400	PL0540 12C - M - - - .33 B	56C	9.9	9.6
	1.1	1536.83	18520	3.05	6400	PL0540 14C - M - - - .33 B	56C	9.9	9.5
	1.1	1621.69	19543	1.71	6400	PL0540 16C - M - - - .33 B	56C	9.9	9.5
	0.94	1840.91	22185	2.18	6400	PL0540 18C - M - - - .33 B	56C	9.8	9.5
	0.88	1961.72	23640	1.43	6400	PL0540 20C - M - - - .33 B	56C	9.8	9.5
	0.73	2373.05	28597	1.20	6400	PL0540 22C - M - - - .33 B	56C	9.8	9.4
	0.61	2823.32	34024	0.76	6400	PL0540 25C - M - - - .33 B	56C	9.7	9.4
	1.17	1471.29	17730	3.27	9200	PL0840 14C - M - - - .33 B	56C	14.0	13.2
	1.05	1642.66	19795	4.29	9200	PL0840 16C - M - - - .33 B	56C	14.0	13.1
	0.97	1779.79	21448	2.74	9200	PL0840 18C - M - - - .33 B	56C	13.9	13.1
	0.82	2117.49	25518	2.33	9200	PL0840 20C - M - - - .33 B	56C	13.9	13.0
	0.69	2519.27	30359	1.67	9200	PL0840 25C - M - - - .33 B	56C	13.8	13.0
	0.97	1779.79	21448	3.65	9200	PL1240 18C - M - - - .33 B	56C	14.7	13.9
	0.82	2117.49	25518	3.10	9200	PL1240 20C - M - - - .33 B	56C	14.7	13.8
	0.69	2519.27	30359	2.23	9200	PL1240 25C - M - - - .33 B	56C	14.6	13.8
	0.82	2100.55	25313	3.47	12100	PL1640 20C - M - - - .33 B	56C	24.9	17.4
	0.68	2540.99	30621	2.91	12100	PL1640 25C - M - - - .33 B	56C	24.8	17.3
0.50 HP **4 - Pole**	11.7	149.49	2692	3.84	2900	PL0130 140 - M - - - .50 B	56C	8.9	8.1
	10.5	166.68	3001	2.81	2900	PL0130 160 - M - - - .50 B	56C	8.8	8.1
	9.7	180.83	3256	3.21	2900	PL0130 180 - M - - - .50 B	56C	8.8	8.1
	8.0	218.75	3939	2.69	2900	PL0130 225 - M - - - .50 B	56C	8.7	8.0
	6.6	265.18	4775	1.82	2900	PL0130 250 - M - - - .50 B	56C	8.6	7.9
	6.1	288.30	5191	1.17	2900	PL0130 280 - M - - - .50 B	56C	8.6	7.9
	5.0	348.75	6280	0.98	2900	PL0130 360 - M - - - .50 B	56C	8.5	7.8
	6.3	277.26	4993	2.15	2900	PL0140 280 - M - - - .50 B	56C	7.5	6.9
	5.2	336.11	6052	1.80	2900	PL0140 315 - M - - - .50 B	56C	7.4	6.8
	4.8	364.64	6566	1.66	2900	PL0140 360 - M - - - .50 B	56C	7.0	6.5
	4.0	441.10	7943	1.39	2900	PL0140 450 - M - - - .50 B	56C	6.8	6.3
	3.3	534.72	9629	1.16	2900	PL0140 500 - M - - - .50 B	56C	6.3	5.8
	3.0	581.35	10468	1.07	2900	PL0140 560 - M - - - .50 B	56C	6.3	5.8
	2.7	648.21	11672	0.97	2900	PL0140 630 - M - - - .50 B	56C	6.3	5.8
	2.5	703.24	12663	0.90	2900	PL0140 710 - M - - - .50 B	56C	6.2	5.8
	6.6	265.18	4775	3.36	2900	PL0230 250 - M - - - .50 B	56C	8.9	8.2
	6.1	288.30	5191	2.17	2900	PL0230 280 - M - - - .50 B	56C	8.9	8.1
	5.0	348.75	6280	1.82	2900	PL0230 360 - M - - - .50 B	56C	8.8	8.1
	4.1	421.88	7597	1.12	2900	PL0230 400 - M - - - .50 B	56C	8.7	8.0
	6.3	277.26	4993	3.97	2900	PL0240 280 - M - - - .50 B	56C	7.7	7.1
	5.2	336.11	6052	3.32	2900	PL0240 315 - M - - - .50 B	56C	7.6	7.0
	4.8	364.64	6566	3.07	2900	PL0240 360 - M - - - .50 B	56C	7.2	6.7
	4.0	441.10	7943	2.57	2900	PL0240 450 - M - - - .50 B	56C	7.0	6.5
	3.3	534.72	9629	2.15	2900	PL0240 500 - M - - - .50 B	56C	6.4	6.0
	3.0	581.35	10468	1.98	2900	PL0240 560 - M - - - .50 B	56C	6.4	5.9
	2.7	648.21	11672	1.79	2900	PL0240 630 - M - - - .50 B	56C	6.4	5.9
	2.5	703.24	12663	1.66	2900	PL0240 710 - M - - - .50 B	56C	6.4	5.9
	2.1	850.69	15319	1.39	2900	PL0240 800 - M - - - .50 B	56C	6.4	5.9
	1.9	926.83	16690	1.28	2900	PL0240 900 - M - - - .50 B	56C	6.4	5.9
	1.7	1031.25	18570	1.16	2900	PL0240 10C - M - - - .50 B	56C	6.3	5.9
	1.6	1121.17	20189	1.07	2900	PL0240 11C - M - - - .50 B	56C	6.3	5.8
	1.3	1356.25	24422	0.90	2900	PL0240 14C - M - - - .50 B	56C	6.3	5.8

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.50 HP	5.5	316.41	5777	3.39	6400	PL0330 315 - M - - - .50 B	56C	12.6	12.1
	4.6	376.44	6873	2.15	6400	PL0330 360 - M - - - .50 B	56C	12.5	12.0
4 - Pole	4.2	413.19	7544	4.47	6400	PL0340 400 - M - - - .50 B	56C	9.7	9.4
	3.4	500.89	9146	3.74	6400	PL0340 500 - M - - - .50 B	56C	9.7	9.4
	3.2	544.57	9943	3.45	6400	PL0340 560 - M - - - .50 B	56C	9.7	9.4
	2.8	607.20	11087	3.12	6400	PL0340 630 - M - - - .50 B	56C	9.7	9.3
	2.6	658.75	12028	2.89	6400	PL0340 710 - M - - - .50 B	56C	9.7	9.3
	2.2	796.88	14550	2.42	6400	PL0340 800 - M - - - .50 B	56C	9.6	9.3
	2.0	868.19	15852	2.23	6400	PL0340 900 - M - - - .50 B	56C	9.6	9.2
	1.8	966.01	17638	2.02	6400	PL0340 10C - M - - - .50 B	56C	9.6	9.2
	1.6	1050.24	19176	1.87	6400	PL0340 11C - M - - - .50 B	56C	9.5	9.2
	1.4	1270.45	23197	1.56	6400	PL0340 12C - M - - - .50 B	56C	9.5	9.2
	1.1	1536.83	28061	1.31	6400	PL0340 14C - M - - - .50 B	56C	9.4	9.1
	1.1	1621.69	29610	0.73	6400	PL0340 16C - M - - - .50 B	56C	9.4	9.1
	0.9	1840.91	33613	0.94	6400	PL0340 18C - M - - - .50 B	56C	9.4	9.1
	2.2	796.88	14550	3.72	6400	PL0540 800 - M - - - .50 B	56C	10.2	9.8
	2.0	868.19	15852	3.43	6400	PL0540 900 - M - - - .50 B	56C	10.1	9.8
	1.8	966.01	17638	3.11	6400	PL0540 10C - M - - - .50 B	56C	10.1	9.8
	1.6	1050.24	19176	2.87	6400	PL0540 11C - M - - - .50 B	56C	10.0	9.7
	1.4	1270.45	23197	2.40	6400	PL0540 12C - M - - - .50 B	56C	10.0	9.7
	1.1	1536.83	28061	2.01	6400	PL0540 14C - M - - - .50 B	56C	10.0	9.7
	1.1	1621.69	29610	1.13	6400	PL0540 16C - M - - - .50 B	56C	10.0	9.6
	0.9	1840.91	33613	1.44	6400	PL0540 18C - M - - - .50 B	56C	9.9	9.6
	0.9	1961.72	35819	0.94	6400	PL0540 20C - M - - - .50 B	56C	9.9	9.5
	0.7	2373.05	43329	0.79	6400	PL0540 22C - M - - - .50 B	56C	9.9	9.5
	1.3	1371.33	25039	3.90	9200	PL0840 12C - M - - - .50 B	56C	14.0	13.2
	1.2	1471.29	26864	2.16	9200	PL0840 14C - M - - - .50 B	56C	14.0	13.2
	1.1	1642.66	29993	2.83	9200	PL0840 16C - M - - - .50 B	56C	14.0	13.1
	1.0	1779.79	32497	1.81	9200	PL0840 18C - M - - - .50 B	56C	13.9	13.1
	0.82	2117.49	38663	1.54	9200	PL0840 20C - M - - - .50 B	56C	13.9	13.0
	0.69	2519.27	45999	1.10	9200	PL0840 25C - M - - - .50 B	56C	13.8	13.0
	1.17	1471.29	26864	2.88	9200	PL1240 14C - M - - - .50 B	56C	14.8	14.0
	1.05	1642.66	29993	3.61	9200	PL1240 16C - M - - - .50 B	56C	14.8	13.9
	0.97	1779.79	32497	2.41	9200	PL1240 18C - M - - - .50 B	56C	14.7	13.9
	0.82	2117.49	38663	2.05	9200	PL1240 20C - M - - - .50 B	56C	14.7	13.8
	0.69	2519.27	45999	1.47	9200	PL1240 25C - M - - - .50 B	56C	14.6	13.8
	0.82	2100.55	38354	2.29	12100	PL1640 20C - M - - - .50 B	56C	24.9	17.4
	0.68	2540.99	46396	1.92	12100	PL1640 25C - M - - - .50 B	56C	24.8	17.3
0.75 HP	18.7	93.77	2533	3.96	2900	PL0130 90. - M - - - .75 B	56C	9.1	8.3
	16.7	104.77	2830	2.89	2900	PL0130 100 - M - - - .75 B	56C	9.0	8.3
	15.4	113.43	3064	3.31	2900	PL0130 112 - M - - - .75 B	56C	9.0	8.2
	12.7	137.50	3714	2.77	2900	PL0130 125 - M - - - .75 B	56C	8.9	8.2
4 - Pole	11.7	149.49	4038	2.56	2900	PL0130 140 - M - - - .75 B	56C	8.9	8.1
	10.5	166.68	4502	1.87	2900	PL0130 160 - M - - - .75 B	56C	8.8	8.1
	9.7	180.83	4884	2.14	2900	PL0130 180 - M - - - .75 B	56C	8.8	8.1
	8.0	218.75	5909	1.79	2900	PL0130 225 - M - - - .75 B	56C	8.7	8.0
	6.6	265.18	7163	1.21	2900	PL0130 250 - M - - - .75 B	56C	8.6	7.9
	6.3	277.26	7489	1.43	2900	PL0140 280 - M - - - .75 B	56C	7.5	6.9
	5.2	336.11	9079	1.20	2900	PL0140 315 - M - - - .75 B	56C	7.4	6.8
	4.8	364.64	9849	1.11	2900	PL0140 360 - M - - - .75 B	56C	7.0	6.5
	4.0	441.10	11914	0.93	2900	PL0140 450 - M - - - .75 B	56C	6.8	6.3
	10.5	166.68	4502	3.46	2900	PL0230 160 - M - - - .75 B	56C	9.1	8.3
	9.7	180.83	4884	3.95	2900	PL0230 180 - M - - - .75 B	56C	9.1	8.3
	8.0	218.75	5909	3.31	2900	PL0230 225 - M - - - .75 B	56C	9.0	8.2
	6.6	265.18	7163	2.24	2900	PL0230 250 - M - - - .75 B	56C	8.9	8.2
	6.1	288.30	7787	1.45	2900	PL0230 280 - M - - - .75 B	56C	8.9	8.1
	5.0	348.75	9420	1.21	2900	PL0230 360 - M - - - .75 B	56C	8.8	8.1
	6.3	277.26	7489	2.65	2900	PL0240 280 - M - - - .75 B	56C	7.7	7.1
	5.2	336.11	9079	2.21	2900	PL0240 315 - M - - - .75 B	56C	7.6	7.0
	4.8	364.64	9849	2.05	2900	PL0240 360 - M - - - .75 B	56C	7.2	6.7
	4.0	441.10	11914	1.71	2900	PL0240 450 - M - - - .75 B	56C	7.0	6.5
	3.3	534.72	14443	1.43	2900	PL0240 500 - M - - - .75 B	56C	6.4	6.0
	3.0	581.35	15703	1.32	2900	PL0240 560 - M - - - .75 B	56C	6.4	5.9
	2.7	648.21	17509	1.19	2900	PL0240 630 - M - - - .75 B	56C	6.4	5.9
	2.5	703.24	18995	1.11	2900	PL0240 710 - M - - - .75 B	56C	6.4	5.9
	2.1	850.69	22978	0.93	2900	PL0240 800 - M - - - .75 B	56C	6.4	5.9
	1.9	926.83	25034	0.85	2900	PL0240 900 - M - - - .75 B	56C	6.4	5.9
	7.0	245.45	6711	4.13	6400	PL0330 250 - M - - - .75 B	56C	12.8	12.3
	6.6	261.56	7151	2.71	6400	PL0330 280 - M - - - .75 B	56C	12.7	12.2
	5.5	316.41	8651	2.27	6400	PL0330 315 - M - - - .75 B	56C	12.6	12.1
	4.6	376.44	10292	1.43	6400	PL0330 360 - M - - - .75 B	56C	12.5	12.0

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.75 HP	5.5	314.85	8608	3.85	6400	PL0340 315 - M - - - .75 B	56C	10.5	10.2
	5.1	341.57	9339	3.57	6400	PL0340 360 - M - - - .75 B	56C	10.0	9.7
	4.2	413.19	11297	2.99	6400	PL0340 400 - M - - - .75 B	56C	9.7	9.4
4 - Pole	3.5	500.89	13695	2.50	6400	PL0340 500 - M - - - .75 B	56C	9.7	9.4
	3.2	544.57	14889	2.31	6400	PL0340 560 - M - - - .75 B	56C	9.7	9.4
	2.8	607.20	16601	2.08	6400	PL0340 630 - M - - - .75 B	56C	9.7	9.3
	2.6	658.75	18011	1.93	6400	PL0340 710 - M - - - .75 B	56C	9.7	9.3
	2.2	796.88	21787	1.61	6400	PL0340 800 - M - - - .75 B	56C	9.6	9.3
	2.0	868.19	23737	1.49	6400	PL0340 900 - M - - - .75 B	56C	9.6	9.2
	1.8	966.01	26411	1.35	6400	PL0340 10C - M - - - .75 B	56C	9.6	9.2
	1.6	1050.24	28714	1.25	6400	PL0340 11C - M - - - .75 B	56C	9.5	9.2
	1.4	1270.45	34735	1.04	6400	PL0340 12C - M - - - .75 B	56C	9.5	9.2
	1.1	1536.83	42018	0.87	6400	PL0340 14C - M - - - .75 B	56C	9.4	9.1
	3.3	966.01	14469	3.79	6400	PL0540 10C - M - - - .75 B	56C	10.0	9.7
	3.0	1050.24	15730	3.50	6400	PL0540 11C - M - - - .75 B	56C	10.0	9.6
	2.5	1270.45	19029	2.93	6400	PL0540 12C - M - - - .75 B	56C	9.9	9.6
	2.1	1536.83	23019	2.45	6400	PL0540 14C - M - - - .75 B	56C	9.9	9.5
	1.9	1621.69	24290	1.38	6400	PL0540 16C - M - - - .75 B	56C	9.9	9.5
	1.7	1840.91	27573	1.76	6400	PL0540 18C - M - - - .75 B	56C	9.8	9.5
	1.6	1961.72	29383	1.15	6400	PL0540 20C - M - - - .75 B	56C	9.8	9.5
	1.3	2373.05	35544	0.96	6400	PL0540 22C - M - - - .75 B	56C	9.8	9.4
	1.9	894.16	24490	3.88	9200	PL0840 900 - M - - - .75 B	56C	14.2	13.3
	1.8	952.83	26097	3.65	9200	PL0840 10C - M - - - .75 B	56C	14.2	13.3
	1.5	1152.62	31569	3.06	9200	PL0840 11C - M - - - .75 B	56C	14.1	13.2
	1.3	1371.33	37558	2.60	9200	PL0840 12C - M - - - .75 B	56C	14.0	13.2
	1.2	1471.29	40296	1.44	9200	PL0840 14C - M - - - .75 B	56C	14.0	13.2
	1.1	1642.66	44990	1.89	9200	PL0840 16C - M - - - .75 B	56C	14.0	13.1
	1.0	1779.79	48745	1.20	9200	PL0840 18C - M - - - .75 B	56C	13.9	13.1
	0.82	2117.49	57995	1.02	9200	PL0840 20C - M - - - .75 B	56C	13.9	13.0
	1.5	1152.62	31569	3.78	9200	PL1240 11C - M - - - .75 B	56C	14.9	14.1
	1.3	1371.33	37558	3.22	9200	PL1240 12C - M - - - .75 B	56C	14.8	14.0
	1.2	1471.29	40296	1.92	9200	PL1240 14C - M - - - .75 B	56C	14.8	14.0
	1.1	1642.66	44990	2.41	9200	PL1240 16C - M - - - .75 B	56C	14.8	13.9
	1.0	1779.79	48745	1.61	9200	PL1240 18C - M - - - .75 B	56C	14.7	13.9
	0.82	2117.49	57995	1.37	9200	PL1240 20C - M - - - .75 B	56C	14.7	13.8
	0.69	2519.27	68999	0.98	9200	PL1240 25C - M - - - .75 B	56C	14.6	13.8
	1.41	1226.07	33580	5.24	12100	PL1640 12C - M - - - .75 B	56C	25.3	17.6
	1.18	1458.71	39952	4.45	12100	PL1640 14C - M - - - .75 B	56C	25.1	17.5
	1.15	1504.10	41195	3.38	12100	PL1640 16C - M - - - .75 B	56C	25.1	17.5
	0.95	1819.47	49832	2.82	12100	PL1640 18C - M - - - .75 B	56C	25.0	17.4
	0.82	2100.55	57531	1.53	12100	PL1640 20C - M - - - .75 B	56C	24.9	17.4
	0.68	2540.99	69594	1.28	12100	PL1640 25C - M - - - .75 B	56C	24.8	17.3
	0.99	1746.69	47839	4.01	18000	PL2540 18C - M - - - .75 B	56C	-	18.2
	0.82	2099.39	57499	2.55	18000	PL2540 20C - M - - - .75 B	56C	-	18.1
1.0 HP	45.5	288.30	1384	3.88	2900	PL0120 40. - M - - - 1.0B	143TC	11.4	10.3
	37.6	348.75	1675	3.25	2900	PL0120 45. - M - - - 1.0B	143TC	11.2	10.1
	31.1	421.88	2026	2.00	2900	PL0120 56. - M - - - 1.0B	143TC	10.9	9.9
4 - Pole	29.8	15.12	2118	4.60	2900	PL0130 63. - M - - - 1.0B	143TC	9.3	8.5
	24.5	18.33	2568	3.84	2900	PL0130 71. - M - - - 1.0B	143TC	9.2	8.4
	20.2	22.22	3113	3.21	2900	PL0130 80. - M - - - 1.0B	143TC	9.1	8.4
	18.7	24.11	3377	2.97	2900	PL0130 90. - M - - - 1.0B	143TC	9.1	8.3
	16.7	29.17	3773	2.17	2900	PL0130 100 - M - - - 1.0B	143TC	9.0	8.3
	15.4	35.36	4085	2.48	2900	PL0130 112 - M - - - 1.0B	143TC	9.0	8.2
	12.7	38.44	4952	2.07	2900	PL0130 125 - M - - - 1.0B	143TC	8.9	8.2
	11.7	46.50	5384	1.92	2900	PL0130 140 - M - - - 1.0B	143TC	8.9	8.1
	10.5	56.25	6003	1.40	2900	PL0130 160 - M - - - 1.0B	143TC	8.8	8.1
	9.7	0.00	6513	1.60	2900	PL0130 180 - M - - - 1.0B	143TC	8.8	8.1
	8.0	58.81	7878	1.34	2900	PL0130 225 - M - - - 1.0B	143TC	8.7	8.0
	6.6	71.30	9550	0.91	2900	PL0130 250 - M - - - 1.0B	143TC	8.6	7.9
	6.3	137.50	9985	1.08	2900	PL0140 280 - M - - - 1.0B	143TC	7.5	6.9
	5.2	149.49	12105	0.90	2900	PL0140 315 - M - - - 1.0B	143TC	7.4	6.8
	4.8	166.68	13132	0.83	2900	PL0140 360 - M - - - 1.0B	143TC	7.0	6.5
	12.7	137.50	4952	3.83	2900	PL0230 125 - M - - - 1.0B	143TC	9.2	8.4
	11.7	149.49	5384	3.54	2900	PL0230 140 - M - - - 1.0B	143TC	9.1	8.4
	10.5	166.68	6003	2.59	2900	PL0230 160 - M - - - 1.0B	143TC	9.1	8.3
	9.7	180.83	6513	2.96	2900	PL0230 180 - M - - - 1.0B	143TC	9.1	8.3
	8.0	218.75	7878	2.48	2900	PL0230 225 - M - - - 1.0B	143TC	9.0	8.2
	6.6	265.18	9550	1.68	2900	PL0230 250 - M - - - 1.0B	143TC	8.9	8.2
	6.1	288.30	10383	1.09	2900	PL0230 280 - M - - - 1.0B	143TC	8.9	8.1
	5.0	348.75	12560	0.91	2900	PL0230 360 - M - - - 1.0B	143TC	8.8	8.1

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
1.0 HP	6.3	277.26	9985	1.99	2900	PL0240 280 - M - - - 1.0B	143TC	7.7	7.1
	5.2	336.11	12105	1.66	2900	PL0240 315 - M - - - 1.0B	143TC	7.6	7.0
	4.8	364.64	13132	1.54	2900	PL0240 360 - M - - - 1.0B	143TC	7.2	6.7
	4.0	441.10	15886	1.29	2900	PL0240 450 - M - - - 1.0B	143TC	7.0	6.5
	3.3	534.72	19258	1.07	2900	PL0240 500 - M - - - 1.0B	143TC	6.4	6.0
	3.0	581.35	20937	0.99	2900	PL0240 560 - M - - - 1.0B	143TC	6.4	5.9
	2.7	648.21	23345	0.90	2900	PL0240 630 - M - - - 1.0B	143TC	6.4	5.9
	2.5	703.24	25327	0.83	2900	PL0240 710 - M - - - 1.0B	143TC	6.4	5.9
4 - Pole	7.0	245.45	8963	3.09	6400	PL0330 250 - M - - - 1.0B	143TC	12.8	12.3
	6.6	261.56	9552	2.03	6400	PL0330 280 - M - - - 1.0B	143TC	12.7	12.2
	5.5	316.41	11554	1.70	6400	PL0330 315 - M - - - 1.0B	143TC	12.6	12.1
	4.6	376.44	13747	1.07	6400	PL0330 360 - M - - - 1.0B	143TC	12.5	12.0
	6.6	259.72	9485	3.46	6400	PL0340 250 - M - - - 1.0B	143TC	10.7	10.3
	5.5	314.85	11498	2.89	6400	PL0340 315 - M - - - 1.0B	143TC	10.5	10.2
	5.1	341.57	12474	2.67	6400	PL0340 360 - M - - - 1.0B	143TC	10.0	9.7
	4.2	413.19	15089	2.24	6400	PL0340 400 - M - - - 1.0B	143TC	9.7	9.4
	3.4	500.89	18292	1.87	6400	PL0340 500 - M - - - 1.0B	143TC	9.7	9.4
	3.2	544.57	19886	1.73	6400	PL0340 560 - M - - - 1.0B	143TC	9.7	9.4
	2.8	607.20	22174	1.56	6400	PL0340 630 - M - - - 1.0B	143TC	9.7	9.3
	2.6	658.75	24056	1.45	6400	PL0340 710 - M - - - 1.0B	143TC	9.7	9.3
	2.2	796.88	29100	1.21	6400	PL0340 800 - M - - - 1.0B	143TC	9.6	9.3
	2.0	868.19	31705	1.12	6400	PL0340 900 - M - - - 1.0B	143TC	9.6	9.2
	1.8	966.01	35277	1.01	6400	PL0340 10C - M - - - 1.0B	143TC	9.6	9.2
	1.6	1050.24	38352	0.93	6400	PL0340 11C - M - - - 1.0B	143TC	9.5	9.2
	6.6	261.56	9552	3.12	6400	PL0530 280 - M - - - 1.0B	143TC	13.3	12.9
	5.5	316.41	11554	2.61	6400	PL0530 315 - M - - - 1.0B	143TC	13.2	12.7
	4.6	376.44	13747	1.65	6400	PL0530 360 - M - - - 1.0B	143TC	13.1	12.6
	4.2	413.19	15089	3.44	6400	PL0540 400 - M - - - 1.0B	143TC	10.2	9.9
	3.4	500.89	18292	2.87	6400	PL0540 500 - M - - - 1.0B	143TC	10.2	9.8
	3.2	544.57	19886	2.66	6400	PL0540 560 - M - - - 1.0B	143TC	10.2	9.8
	2.8	607.20	22174	2.40	6400	PL0540 630 - M - - - 1.0B	143TC	10.1	9.8
	2.6	658.75	24056	2.22	6400	PL0540 710 - M - - - 1.0B	143TC	10.1	9.8
	2.2	796.88	29100	1.86	6400	PL0540 800 - M - - - 1.0B	143TC	10.0	9.7
	2.0	868.19	31705	1.72	6400	PL0540 900 - M - - - 1.0B	143TC	10.0	9.7
	1.8	966.01	35277	1.55	6400	PL0540 10C - M - - - 1.0B	143TC	10.0	9.7
	1.6	1050.24	38352	1.44	6400	PL0540 11C - M - - - 1.0B	143TC	10.0	9.6
	1.4	1270.45	46394	1.20	6400	PL0540 12C - M - - - 1.0B	143TC	9.9	9.6
	1.1	1536.83	56122	1.01	6400	PL0540 14C - M - - - 1.0B	143TC	9.9	9.5
	2.8	617.07	22534	4.12	9200	PL0840 630 - M - - - 1.0B	143TC	14.3	13.5
	2.3	746.46	27259	3.44	9200	PL0840 710 - M - - - 1.0B	143TC	14.3	13.4
	2.2	787.68	28764	3.28	9200	PL0840 800 - M - - - 1.0B	143TC	14.3	13.4
	1.9	894.16	32653	2.91	9200	PL0840 900 - M - - - 1.0B	143TC	14.2	13.3
	1.8	952.83	34796	2.74	9200	PL0840 10C - M - - - 1.0B	143TC	14.2	13.3
	1.5	1152.62	42091	2.29	9200	PL0840 11C - M - - - 1.0B	143TC	14.1	13.3
	1.3	1371.33	50078	1.95	9200	PL0840 12C - M - - - 1.0B	143TC	14.0	13.2
	1.2	1471.29	53728	1.08	9200	PL0840 14C - M - - - 1.0B	143TC	14.0	13.2
	1.1	1642.66	59986	1.42	9200	PL0840 16C - M - - - 1.0B	143TC	14.0	13.1
	1.0	1779.79	64994	0.90	9200	PL0840 18C - M - - - 1.0B	143TC	13.9	13.1
	2.2	787.68	28764	4.05	9200	PL1240 800 - M - - - 1.0B	143TC	15.1	14.2
	1.9	894.16	32653	3.60	9200	PL1240 900 - M - - - 1.0B	143TC	15.0	14.2
	1.8	952.83	34796	3.39	9200	PL1240 10C - M - - - 1.0B	143TC	15.0	14.1
	1.5	1152.62	42091	2.84	9200	PL1240 11C - M - - - 1.0B	143TC	14.9	14.1
	1.3	1371.33	50078	2.41	9200	PL1240 12C - M - - - 1.0B	143TC	14.8	14.0
	1.2	1471.29	53728	1.44	9200	PL1240 14C - M - - - 1.0B	143TC	14.8	14.0
	1.1	1642.66	59986	1.80	9200	PL1240 16C - M - - - 1.0B	143TC	14.8	13.9
	1.0	1779.79	64994	1.21	9200	PL1240 18C - M - - - 1.0B	143TC	14.7	13.9
	0.8	2117.49	77326	1.02	9200	PL1240 20C - M - - - 1.0B	143TC	14.7	13.8
	1.41	1226.07	44774	3.93	12100	PL1640 12C - M - - - 1.0B	143TC	25.3	17.6
	1.18	1458.71	53269	3.34	12100	PL1640 14C - M - - - 1.0B	143TC	25.1	17.5
	1.15	1504.10	54926	2.53	12100	PL1640 16C - M - - - 1.0B	143TC	25.1	17.5
	0.95	1819.47	66443	2.12	12100	PL1640 18C - M - - - 1.0B	143TC	25.0	17.4
	0.82	2100.55	76708	1.15	12100	PL1640 20C - M - - - 1.0B	143TC	24.9	17.4
	0.68	2540.99	92791	0.96	12100	PL1640 25C - M - - - 1.0B	143TC	24.8	17.3
	1.18	1468.13	53613	3.54	18000	PL2540 14C - M - - - 1.0B	143TC	-	18.3
	0.99	1746.69	63785	3.01	18000	PL2540 18C - M - - - 1.0B	143TC	-	18.2
	0.82	2099.39	76665	1.91	18000	PL2540 20C - M - - - 1.0B	143TC	-	18.1
	0.83	2105.39	75824	3.48	25000	PL4040 20C - M - - - 1.0B	143TC	-	23.4

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
1.5 HP	45.5	38.44	2077	2.59	2900	PL0120 40. - M - - - 1.5 B	145TC	11.4	10.3
	37.6	46.50	2512	2.16	2900	PL0120 45. - M - - - 1.5 B	145TC	11.2	10.1
	31.1	56.25	3039	1.34	2900	PL0120 56. - M - - - 1.5 B	145TC	10.9	9.9
4 - Pole	29.8	58.81	3177	3.07	2900	PL0130 63. - M - - - 1.5 B	145TC	9.3	8.5
	24.5	71.30	3852	2.56	2900	PL0130 71. - M - - - 1.5 B	145TC	9.2	8.4
	20.2	86.43	4669	2.14	2900	PL0130 80. - M - - - 1.5 B	145TC	9.1	8.4
	18.7	93.77	5065	1.98	2900	PL0130 90. - M - - - 1.5 B	145TC	9.1	8.3
	16.7	104.77	5660	1.45	2900	PL0130 100 - M - - - 1.5 B	145TC	9.0	8.3
	15.4	113.43	6127	1.66	2900	PL0130 112 - M - - - 1.5 B	145TC	9.0	8.2
	12.7	137.50	7428	1.38	2900	PL0130 125 - M - - - 1.5 B	145TC	8.9	8.2
	11.7	149.49	8076	1.28	2900	PL0130 140 - M - - - 1.5 B	145TC	8.9	8.1
	10.5	166.68	9004	0.94	2900	PL0130 160 - M - - - 1.5 B	145TC	8.8	8.1
	9.7	180.83	9769	1.07	2900	PL0130 180 - M - - - 1.5 B	145TC	8.8	8.1
	8.0	218.75	11817	0.90	2900	PL0130 225 - M - - - 1.5 B	145TC	8.7	8.0
	31.1	56.25	3039	2.46	2900	PL0220 56. - M - - - 1.5 B	145TC	11.9	10.8
	29.8	58.81	3177	5.66	2900	PL0230 63. - M - - - 1.5 B	145TC	9.6	8.8
	24.5	71.30	3852	4.73	2900	PL0230 71. - M - - - 1.5 B	145TC	9.5	8.7
	20.2	86.43	4669	3.95	2900	PL0230 80. - M - - - 1.5 B	145TC	9.4	8.6
	18.7	93.77	5065	3.66	2900	PL0230 90. - M - - - 1.5 B	145TC	9.3	8.6
	16.7	104.77	5660	2.67	2900	PL0230 100 - M - - - 1.5 B	145TC	9.3	8.5
	15.4	113.43	6127	3.06	2900	PL0230 112 - M - - - 1.5 B	145TC	9.3	8.5
	12.7	137.50	7428	2.55	2900	PL0230 125 - M - - - 1.5 B	145TC	9.2	8.4
	11.7	149.49	8076	2.36	2900	PL0230 140 - M - - - 1.5 B	145TC	9.1	8.4
	10.5	166.68	9004	1.73	2900	PL0230 160 - M - - - 1.5 B	145TC	9.1	8.3
	9.7	180.83	9769	1.98	2900	PL0230 180 - M - - - 1.5 B	145TC	9.1	8.3
	8.0	218.75	11817	1.65	2900	PL0230 225 - M - - - 1.5 B	145TC	9.0	8.2
	6.6	265.18	14325	1.12	2900	PL0230 250 - M - - - 1.5 B	145TC	8.9	8.2
	6.3	277.26	14978	1.32	2900	PL0240 280 - M - - - 1.5 B	145TC	7.7	7.1
	5.2	336.11	18157	1.11	2900	PL0240 315 - M - - - 1.5 B	145TC	7.6	7.0
	4.8	364.64	19698	1.02	2900	PL0240 360 - M - - - 1.5 B	145TC	7.2	6.7
	4.0	441.10	23829	0.86	2900	PL0240 450 - M - - - 1.5 B	145TC	7.0	6.5
	13.4	128.80	7055	4.45	6400	PL0330 125 - M - - - 1.5 B	145TC	13.2	12.6
	12.3	140.03	7670	4.11	6400	PL0330 140 - M - - - 1.5 B	145TC	13.1	12.6
	11.2	154.29	8451	3.19	6400	PL0330 160 - M - - - 1.5 B	145TC	13.0	12.5
	10.2	169.39	9279	3.44	6400	PL0330 180 - M - - - 1.5 B	145TC	13.0	12.5
	8.4	204.91	11224	2.88	6400	PL0330 200 - M - - - 1.5 B	145TC	12.9	12.4
	7.0	245.45	13445	2.06	6400	PL0330 250 - M - - - 1.5 B	145TC	12.8	12.3
	6.6	261.56	14328	1.35	6400	PL0330 280 - M - - - 1.5 B	145TC	12.7	12.2
	5.5	316.41	17332	1.13	6400	PL0330 315 - M - - - 1.5 B	145TC	12.6	12.1
	6.6	259.72	14227	2.30	6400	PL0340 250 - M - - - 1.5 B	145TC	10.7	10.3
	5.5	314.85	17246	1.92	6400	PL0340 315 - M - - - 1.5 B	145TC	10.5	10.2
	5.1	341.57	18710	1.78	6400	PL0340 360 - M - - - 1.5 B	145TC	10.0	9.7
	4.2	413.19	22633	1.49	6400	PL0340 400 - M - - - 1.5 B	145TC	9.7	9.4
	3.4	500.89	27437	1.25	6400	PL0340 500 - M - - - 1.5 B	145TC	9.7	9.4
	3.2	544.57	29830	1.15	6400	PL0340 560 - M - - - 1.5 B	145TC	9.7	9.4
	2.8	607.20	33261	1.04	6400	PL0340 630 - M - - - 1.5 B	145TC	9.7	9.3
	2.6	658.75	36084	0.96	6400	PL0340 710 - M - - - 1.5 B	145TC	9.7	9.3
	2.2	796.88	43650	0.81	6400	PL0340 800 - M - - - 1.5 B	145TC	9.6	9.3
	7.0	245.45	13445	3.17	6400	PL0530 250 - M - - - 1.5 B	145TC	13.4	12.9
	6.6	261.56	14328	2.08	6400	PL0530 280 - M - - - 1.5 B	145TC	13.3	12.9
	5.5	316.41	17332	1.74	6400	PL0530 315 - M - - - 1.5 B	145TC	13.2	12.7
	4.6	376.44	20620	1.10	6400	PL0530 360 - M - - - 1.5 B	145TC	13.1	12.6
	6.6	259.72	14227	3.55	6400	PL0540 250 - M - - - 1.5 B	145TC	11.2	10.8
	5.5	314.85	17246	2.96	6400	PL0540 315 - M - - - 1.5 B	145TC	11.0	10.6
	5.1	341.57	18710	2.74	6400	PL0540 360 - M - - - 1.5 B	145TC	10.5	10.1
	4.2	413.19	22633	2.29	6400	PL0540 400 - M - - - 1.5 B	145TC	10.2	9.9
	3.4	500.89	27437	1.92	6400	PL0540 500 - M - - - 1.5 B	145TC	10.2	9.8
	3.2	544.57	29830	1.77	6400	PL0540 560 - M - - - 1.5 B	145TC	10.2	9.8
	2.8	607.20	33261	1.60	6400	PL0540 630 - M - - - 1.5 B	145TC	10.1	9.8
	2.6	658.75	36084	1.48	6400	PL0540 710 - M - - - 1.5 B	145TC	10.1	9.8
	2.2	796.88	43650	1.24	6400	PL0540 800 - M - - - 1.5 B	145TC	10.0	9.7
	2.0	868.19	47557	1.14	6400	PL0540 900 - M - - - 1.5 B	145TC	10.0	9.7
	1.8	966.01	52915	1.04	6400	PL0540 10C - M - - - 1.5 B	145TC	10.0	9.7
	1.6	1050.24	57529	0.96	6400	PL0540 11C - M - - - 1.5 B	145TC	10.0	9.6
	1.4	1270.45	69591	0.80	6400	PL0540 12C - M - - - 1.5 B	145TC	9.9	9.6
	7.3	237.30	12999	3.98	9200	PL0830 250 - M - - - 1.5 B	145TC	19.9	18.6
	6.1	282.33	15465	3.38	9200	PL0830 280 - M - - - 1.5 B	145TC	19.7	18.5
	5.1	335.90	18400	2.43	9200	PL0830 360 - M - - - 1.5 B	145TC	19.6	18.3

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
1.5 HP **4 - Pole**	4.5	387.05	21202	4.25	9200	PL0840 400 - M - - - 1.5 B	145TC	14.5	13.6
	3.7	469.20	25701	3.55	9200	PL0840 450 - M - - - 1.5 B	145TC	14.4	13.6
	3.4	510.11	27942	3.28	9200	PL0840 500 - M - - - 1.5 B	145TC	14.4	13.5
	3.1	562.04	30787	3.00	9200	PL0840 560 - M - - - 1.5 B	145TC	14.4	13.5
	2.8	617.07	33801	2.74	9200	PL0840 630 - M - - - 1.5 B	145TC	14.3	13.5
	2.3	746.46	40889	2.30	9200	PL0840 710 - M - - - 1.5 B	145TC	14.3	13.4
	2.2	787.68	43146	2.18	9200	PL0840 800 - M - - - 1.5 B	145TC	14.2	13.4
	1.9	894.16	48979	1.94	9200	PL0840 900 - M - - - 1.5 B	145TC	14.2	13.3
	1.8	952.83	52193	1.83	9200	PL0840 10C - M - - - 1.5 B	145TC	14.2	13.3
	1.5	1152.62	63137	1.53	9200	PL0840 11C - M - - - 1.5 B	145TC	14.1	13.2
	1.3	1371.33	75117	1.30	9200	PL0840 12C - M - - - 1.5 B	145TC	14.0	13.2
	1.2	1471.29	80593	0.72	9200	PL0840 14C - M - - - 1.5 B	145TC	14.0	13.2
	1.1	1642.66	89980	0.94	9200	PL0840 16C - M - - - 1.5 B	145TC	14.0	13.1
	5.1	335.90	18400	3.24	9200	PL1230 360 - M - - - 1.5 B	145TC	20.7	19.5
	4.5	387.05	21202	5.26	9200	PL1240 400 - M - - - 1.5 B	145TC	15.4	14.5
	3.7	469.20	25701	4.39	9200	PL1240 450 - M - - - 1.5 B	145TC	15.3	14.4
	3.4	510.11	27942	4.06	9200	PL1240 500 - M - - - 1.5 B	145TC	15.2	14.4
	3.1	562.04	30787	3.71	9200	PL1240 560 - M - - - 1.5 B	145TC	15.2	14.3
	2.8	617.07	33801	3.40	9200	PL1240 630 - M - - - 1.5 B	145TC	15.2	14.3
	2.3	746.46	40889	2.84	9200	PL1240 710 - M - - - 1.5 B	145TC	15.1	14.2
	2.2	787.68	43146	2.70	9200	PL1240 800 - M - - - 1.5 B	145TC	15.1	14.2
	1.9	894.16	48979	2.40	9200	PL1240 900 - M - - - 1.5 B	145TC	15.0	14.2
	1.8	952.83	52193	2.26	9200	PL1240 10C - M - - - 1.5 B	145TC	15.0	14.1
	1.5	1152.62	63137	1.89	9200	PL1240 11C - M - - - 1.5 B	145TC	14.9	14.1
	1.3	1371.33	75117	1.61	9200	PL1240 12C - M - - - 1.5 B	145TC	14.8	14.0
	1.2	1471.29	80593	0.96	9200	PL1240 14C - M - - - 1.5 B	145TC	14.8	14.0
	1.1	1642.66	89980	1.20	9200	PL1240 16C - M - - - 1.5 B	145TC	14.8	13.9
	1.0	1779.79	97491	0.80	9200	PL1240 18C - M - - - 1.5 B	145TC	14.7	13.9
	2.17	794.03	43494	3.93	12100	PL1640 800 - M - - - 1.5 B	145TC	25.6	17.8
	1.81	951.14	52100	3.32	12100	PL1640 900 - M - - - 1.5 B	145TC	25.4	17.7
	1.70	1013.55	55519	3.13	12100	PL1640 10C - M - - - 1.5 B	145TC	25.4	17.7
	1.41	1226.07	67160	2.62	12100	PL1640 12C - M - - - 1.5 B	145TC	25.3	17.6
	1.18	1458.71	79904	2.23	12100	PL1640 14C - M - - - 1.5 B	145TC	25.1	17.5
	1.15	1504.10	82390	1.69	12100	PL1640 16C - M - - - 1.5 B	145TC	25.1	17.5
	0.95	1819.47	99665	1.41	12100	PL1640 18C - M - - - 1.5 B	145TC	25.0	17.4
	1.53	1129.33	61861	3.99	18000	PL2540 11C - M - - - 1.5 B	145TC	-	18.4
	1.28	1343.61	73599	3.39	18000	PL2540 12C - M - - - 1.5 B	145TC	-	18.3
	1.18	1468.13	80419	2.36	18000	PL2540 14C - M - - - 1.5 B	145TC	-	18.3
	0.99	1746.69	95678	2.01	18000	PL2540 18C - M - - - 1.5 B	145TC	-	18.2
	0.82	2099.39	114998	1.28	18000	PL2540 20C - M - - - 1.5 B	145TC	-	18.1
	0.98	1793.64	96895	3.21	25000	PL4040 18C - M - - - 1.5 B	145TC	-	23.5
	0.83	2105.39	113736	2.32	25000	PL4040 20C - M - - - 1.5 B	145TC	-	23.4
2.0 HP **4 - Pole**	49.5	35.36	2547	3.00	2900	PL0120 36. - M - - - 2.0 B	145TC	11.6	10.4
	45.5	38.44	2769	1.94	2900	PL0120 40. - M - - - 2.0 B	145TC	11.4	10.3
	37.6	46.50	3349	1.62	2900	PL0120 45. - M - - - 2.0 B	145TC	11.2	10.1
	31.1	56.25	4052	1.00	2900	PL0120 56. - M - - - 2.0 B	145TC	10.9	9.9
	29.8	58.81	4236	2.30	2900	PL0130 63. - M - - - 2.0 B	145TC	9.3	8.5
	24.5	71.30	5135	1.92	2900	PL0130 71. - M - - - 2.0 B	145TC	9.2	8.4
	20.2	86.43	6225	1.60	2900	PL0130 80. - M - - - 2.0 B	145TC	9.1	8.4
	18.7	93.77	6754	1.48	2900	PL0130 90. - M - - - 2.0 B	145TC	9.1	8.3
	16.7	104.77	7547	1.09	2900	PL0130 100 - M - - - 2.0 B	145TC	9.0	8.3
	15.4	113.43	8170	1.24	2900	PL0130 112 - M - - - 2.0 B	145TC	9.0	8.2
	12.7	137.50	9904	1.04	2900	PL0130 125 - M - - - 2.0 B	145TC	8.9	8.2
	11.7	149.49	10767	0.96	2900	PL0130 140 - M - - - 2.0 B	145TC	8.9	8.1
	10.5	166.68	12006	0.70	2900	PL0130 160 - M - - - 2.0 B	145TC	8.8	8.1
	9.7	180.83	13025	0.80	2900	PL0130 180 - M - - - 2.0 B	145TC	8.8	8.1
	45.5	38.44	2769	3.58	2900	PL0220 40. - M - - - 2.0 B	145TC	12.4	11.3
	37.6	46.50	3349	3.00	2900	PL0220 45. - M - - - 2.0 B	145TC	12.1	11.0
	31.1	56.25	4052	1.85	2900	PL0220 56. - M - - - 2.0 B	145TC	11.9	10.8
	29.8	58.81	4236	4.25	2900	PL0230 63. - M - - - 2.0 B	145TC	9.6	8.8
	24.5	71.30	5135	3.55	2900	PL0230 71. - M - - - 2.0 B	145TC	9.5	8.7
	20.2	86.43	6225	2.96	2900	PL0230 80. - M - - - 2.0 B	145TC	9.4	8.6
	18.7	93.77	6754	2.74	2900	PL0230 90. - M - - - 2.0 B	145TC	9.3	8.6
	16.7	104.77	7547	2.00	2900	PL0230 100 - M - - - 2.0 B	145TC	9.3	8.5
	15.4	113.43	8170	2.29	2900	PL0230 112 - M - - - 2.0 B	145TC	9.3	8.5
	12.7	137.50	9904	1.92	2900	PL0230 125 - M - - - 2.0 B	145TC	9.2	8.4
	11.7	149.49	10767	1.77	2900	PL0230 140 - M - - - 2.0 B	145TC	9.1	8.4
	10.5	166.68	12006	1.30	2900	PL0230 160 - M - - - 2.0 B	145TC	9.1	8.3
	9.7	180.83	13025	1.48	2900	PL0230 180 - M - - - 2.0 B	145TC	9.1	8.3
	8.0	218.75	15756	1.24	2900	PL0230 225 - M - - - 2.0 B	145TC	9.0	8.2
	6.6	265.18	19100	0.84	2900	PL0230 250 - M - - - 2.0 B	145TC	8.9	8.2

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
2.0 HP	6.3	277.26	19971	0.99	2900	PL0240 280 - M - - - 2.0 B	145TC	7.7	7.1
	5.2	336.11	24210	0.83	2900	PL0240 315 - M - - - 2.0 B	145TC	7.7	7.0
4 - Pole	16.3	87.83	7742	3.95	6400	PL0330 90. - M - - - 2.0 B	145TC	10.0	9.6
	14.7	96.98	8548	3.06	6400	PL0330 100 - M - - - 2.0 B	145TC	10.0	9.6
	13.4	106.48	9385	3.30	6400	PL0330 112 - M - - - 2.0 B	145TC	9.9	9.5
	11.1	128.80	11353	2.76	6400	PL0330 125 - M - - - 2.0 B	145TC	9.8	9.4
	10.2	140.03	12343	2.55	6400	PL0330 140 - M - - - 2.0 B	145TC	9.8	9.4
	9.3	154.29	13600	1.98	6400	PL0330 160 - M - - - 2.0 B	145TC	9.7	9.4
	8.4	169.39	14931	2.14	6400	PL0330 180 - M - - - 2.0 B	145TC	9.7	9.3
	7.0	204.91	18062	1.79	6400	PL0330 200 - M - - - 2.0 B	145TC	9.6	9.2
	5.8	245.45	21636	1.28	6400	PL0330 250 - M - - - 2.0 B	145TC	9.5	9.2
	5.5	261.56	23056	0.84	6400	PL0330 280 - M - - - 2.0 B	145TC	9.5	9.1
	5.5	259.72	22894	1.43	6400	PL0340 250 - M - - - 2.0 B	145TC	8.0	7.7
	4.5	314.85	27753	1.20	6400	PL0340 315 - M - - - 2.0 B	145TC	7.9	7.6
	4.2	341.57	30109	1.11	6400	PL0340 360 - M - - - 2.0 B	145TC	7.5	7.2
	3.5	413.19	36422	0.93	6400	PL0340 400 - M - - - 2.0 B	145TC	7.3	7.0
	11.2	154.29	11268	3.68	6400	PL0530 160 - M - - - 2.0 B	145TC	13.7	13.2
	10.2	169.39	12372	3.97	6400	PL0530 180 - M - - - 2.0 B	145TC	13.6	13.1
	8.4	204.91	14966	3.32	6400	PL0530 200 - M - - - 2.0 B	145TC	13.5	13.0
	7.0	245.45	17927	2.38	6400	PL0530 250 - M - - - 2.0 B	145TC	13.4	12.9
	6.6	261.56	19103	1.56	6400	PL0530 280 - M - - - 2.0 B	145TC	13.3	12.9
	5.5	316.41	23109	1.31	6400	PL0530 315 - M - - - 2.0 B	145TC	13.2	12.7
	6.6	259.72	18969	2.66	6400	PL0540 250 - M - - - 2.0 B	145TC	11.2	10.8
	5.5	314.85	22995	2.22	6400	PL0540 315 - M - - - 2.0 B	145TC	11.0	10.6
	5.1	341.57	24947	2.06	6400	PL0540 360 - M - - - 2.0 B	145TC	10.5	10.1
	4.2	413.19	30178	1.72	6400	PL0540 400 - M - - - 2.0 B	145TC	10.2	9.9
	3.4	500.89	36583	1.44	6400	PL0540 500 - M - - - 2.0 B	145TC	10.2	9.8
	3.2	544.57	39773	1.33	6400	PL0540 560 - M - - - 2.0 B	145TC	10.2	9.8
	2.8	607.20	44348	1.20	6400	PL0540 630 - M - - - 2.0 B	145TC	10.1	9.8
	2.6	658.75	48112	1.11	6400	PL0540 710 - M - - - 2.0 B	145TC	10.1	9.8
	2.2	796.88	58200	0.93	6400	PL0540 800 - M - - - 2.0 B	145TC	10.0	9.7
	2.0	868.19	63409	0.86	6400	PL0540 900 - M - - - 2.0 B	145TC	10.0	9.7
	7.27	237.30	17332	2.99	9200	PL0830 250 - M - - - 2.0 B	145TC	19.9	18.6
	6.11	282.33	20620	2.54	9200	PL0830 280 - M - - - 2.0 B	145TC	19.7	18.5
	5.14	335.90	24533	1.82	9200	PL0830 360 - M - - - 2.0 B	145TC	19.6	18.3
	5.39	319.96	23369	3.81	9200	PL0840 360 - M - - - 2.0 B	145TC	14.9	14.0
	4.46	387.05	28269	3.19	9200	PL0840 400 - M - - - 2.0 B	145TC	14.5	13.6
	3.68	469.20	34269	2.66	9200	PL0840 450 - M - - - 2.0 B	145TC	14.4	13.6
	3.38	510.11	37257	2.46	9200	PL0840 500 - M - - - 2.0 B	145TC	14.4	13.5
	3.07	562.04	41049	2.25	9200	PL0840 560 - M - - - 2.0 B	145TC	14.4	13.5
	2.80	617.07	45068	2.06	9200	PL0840 630 - M - - - 2.0 B	145TC	14.3	13.5
	2.31	746.46	54518	1.72	9200	PL0840 710 - M - - - 2.0 B	145TC	14.3	13.4
	2.19	787.68	57529	1.64	9200	PL0840 800 - M - - - 2.0 B	145TC	14.2	13.4
	1.93	894.16	65305	1.45	9200	PL0840 900 - M - - - 2.0 B	145TC	14.2	13.3
	1.81	952.83	69591	1.37	9200	PL0840 10C - M - - - 2.0 B	145TC	14.2	13.3
	1.50	1152.62	84183	1.15	9200	PL0840 11C - M - - - 2.0 B	145TC	14.1	13.2
	1.26	1371.33	100156	0.97	9200	PL0840 12C - M - - - 2.0 B	145TC	14.0	13.2
	7.27	237.30	17332	3.98	9200	PL1230 250 - M - - - 2.0 B	145TC	21.1	19.8
	6.11	282.33	20620	3.38	9200	PL1230 280 - M - - - 2.0 B	145TC	20.9	19.7
	5.14	335.90	24533	2.43	9200	PL1230 360 - M - - - 2.0 B	145TC	20.7	19.5
	4.46	387.05	28269	3.94	9200	PL1240 400 - M - - - 2.0 B	145TC	15.4	14.5
	3.68	469.20	34269	3.29	9200	PL1240 450 - M - - - 2.0 B	145TC	15.3	14.4
	3.38	510.11	37257	3.05	9200	PL1240 500 - M - - - 2.0 B	145TC	15.2	14.4
	3.07	562.04	41049	2.78	9200	PL1240 560 - M - - - 2.0 B	145TC	15.2	14.3
	2.80	617.07	45068	2.55	9200	PL1240 630 - M - - - 2.0 B	145TC	15.2	14.3
	2.31	746.46	54518	2.13	9200	PL1240 710 - M - - - 2.0 B	145TC	15.1	14.2
	2.19	787.68	57529	2.03	9200	PL1240 800 - M - - - 2.0 B	145TC	15.1	14.2
	1.93	894.16	65305	1.80	9200	PL1240 900 - M - - - 2.0 B	145TC	15.0	14.2
	1.81	952.83	69591	1.70	9200	PL1240 10C - M - - - 2.0 B	145TC	15.0	14.1
	1.50	1152.62	84183	1.42	9200	PL1240 11C - M - - - 2.0 B	145TC	14.9	14.1
	1.26	1371.33	100156	1.21	9200	PL1240 12C - M - - - 2.0 B	145TC	14.8	14.0
	6.06	284.77	20798	3.73	12100	PL1630 280 - M - - - 2.0 B	145TC	36.4	25.1
	5.09	338.80	24744	3.17	12100	PL1630 315 - M - - - 2.0 B	145TC	36.1	24.9

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
2.0 HP	5.07	340.35	24858	6.53	12100	PL1640 360 - M - - - 2.0 B	145TC	15.4	14.5
	4.19	411.72	30070	5.46	12100	PL1640 400 - M - - - 2.0 B	145TC	15.3	14.4
	3.46	499.10	36452	4.56	12100	PL1640 500 - M - - - 2.0 B	145TC	15.2	14.4
4 - Pole	3.18	542.62	39631	4.22	12100	PL1640 560 - M - - - 2.0 B	145TC	15.2	14.3
	2.89	597.86	43665	3.85	12100	PL1640 630 - M - - - 2.0 B	145TC	15.2	14.3
	2.63	656.40	47940	3.53	12100	PL1640 710 - M - - - 2.0 B	145TC	15.1	14.2
	2.17	794.03	57993	2.95	12100	PL1640 800 - M - - - 2.0 B	145TC	15.1	14.2
	1.81	951.14	69467	2.49	12100	PL1640 900 - M - - - 2.0 B	145TC	15.0	14.2
	1.70	1013.55	74026	2.35	12100	PL1640 10C - M - - - 2.0 B	145TC	15.0	14.1
	1.41	1226.07	89547	1.96	12100	PL1640 12C - M - - - 2.0 B	145TC	14.9	14.1
	1.18	1458.71	106538	1.67	12100	PL1640 14C - M - - - 2.0 B	145TC	14.8	14.0
	1.15	1504.10	109853	1.27	12100	PL1640 16C - M - - - 2.0 B	145TC	14.8	14.0
	0.95	1819.47	132886	1.06	12100	PL1640 18C - M - - - 2.0 B	145TC	14.8	13.9
	1.97	876.08	63985	3.80	18000	PL2540 900 - M - - - 2.0 B	145TC	-	18.6
	1.82	949.22	69327	3.52	18000	PL2540 10C - M - - - 2.0 B	145TC	-	18.5
	1.53	1129.33	82481	2.99	18000	PL2540 11C - M - - - 2.0 B	145TC	-	18.4
	1.28	1343.61	98132	2.54	18000	PL2540 12C - M - - - 2.0 B	145TC	-	18.3
	1.18	1468.13	107226	1.77	18000	PL2540 14C - M - - - 2.0 B	145TC	-	18.3
	0.99	1746.69	127571	1.50	18000	PL2540 18C - M - - - 2.0 B	145TC	-	18.2
	0.82	2099.39	153331	0.96	18000	PL2540 20C - M - - - 2.0 B	145TC	-	18.1
	1.24	1414.11	101856	4.05	25000	PL4040 14C - M - - - 2.0 B	145TC	-	23.6
	0.98	1793.64	129193	2.41	25000	PL4040 18C - M - - - 2.0 B	145TC	-	23.5
	0.83	2105.39	151648	1.74	25000	PL4040 20C - M - - - 2.0 B	145TC	-	23.4
3.0 HP	78.7	22.22	2401	3.09	2524	PL0120 22. - M - - - 3.0 B	182TC	12.3	11.1
	72.6	24.11	2605	3.53	2738	PL0120 25. - M - - - 3.0 B	182TC	12.1	10.9
	60.0	29.17	3151	2.96	2900	PL0120 28. - M - - - 3.0 B	182TC	11.9	10.7
4 - Pole	49.5	35.36	3820	2.00	2900	PL0120 36. - M - - - 3.0 B	182TC	11.6	10.4
	45.5	38.44	4153	1.29	2900	PL0120 40. - M - - - 3.0 B	182TC	11.5	10.3
	37.6	46.50	5024	1.08	2900	PL0120 45. - M - - - 3.0 B	182TC	11.2	10.1
	31.1	56.25	6077	0.67	2900	PL0120 56. - M - - - 3.0 B	182TC	11.0	9.9
	29.8	58.81	6354	1.53	2900	PL0130 63. - M - - - 3.0 B	182TC	9.3	8.5
	24.5	71.30	7703	1.28	2900	PL0130 71. - M - - - 3.0 B	182TC	9.2	8.4
	20.2	86.43	9338	1.07	2900	PL0130 80. - M - - - 3.0 B	182TC	9.1	8.4
	18.7	93.77	10131	0.99	2900	PL0130 90. - M - - - 3.0 B	182TC	9.1	8.3
	49.5	35.36	3820	3.69	2900	PL0220 36. - M - - - 3.0 B	182TC	12.5	11.4
	45.5	38.44	4153	2.39	2900	PL0220 40. - M - - - 3.0 B	182TC	12.4	11.3
	37.6	46.50	5024	2.00	2900	PL0220 45. - M - - - 3.0 B	182TC	12.1	11.0
	31.1	56.25	6077	1.23	2900	PL0220 56. - M - - - 3.0 B	182TC	11.9	10.8
	29.8	58.81	6354	2.83	2900	PL0230 63. - M - - - 3.0 B	182TC	9.6	8.8
	24.5	71.30	7703	2.36	2900	PL0230 71. - M - - - 3.0 B	182TC	9.5	8.7
	20.2	86.43	9338	1.97	2900	PL0230 80. - M - - - 3.0 B	182TC	9.4	8.6
	18.7	93.77	10131	1.83	2900	PL0230 90. - M - - - 3.0 B	182TC	9.3	8.6
	16.7	104.77	11320	1.34	2900	PL0230 100 - M - - - 3.0 B	182TC	9.3	8.5
	15.4	113.43	12255	1.53	2900	PL0230 112 - M - - - 3.0 B	182TC	9.3	8.5
	12.7	137.50	14856	1.28	2900	PL0230 125 - M - - - 3.0 B	182TC	9.2	8.4
	11.7	149.49	16151	1.18	2900	PL0230 140 - M - - - 3.0 B	182TC	9.1	8.4
	10.5	166.68	18009	0.86	2900	PL0230 160 - M - - - 3.0 B	182TC	9.1	8.3
	9.7	180.83	19538	0.99	2900	PL0230 180 - M - - - 3.0 B	182TC	9.1	8.3
	41.5	42.19	4558	3.79	6400	PL0320 45. - M - - - 3.0 B	182TC	18.1	17.4
	34.9	50.19	5423	2.39	6400	PL0320 50. - M - - - 3.0 B	182TC	17.8	17.0
	31.8	55.09	5952	4.99	6400	PL0330 56. - M - - - 3.0 B	182TC	13.7	13.2
	26.2	66.79	7216	4.17	6400	PL0330 71. - M - - - 3.0 B	182TC	13.6	13.1
	21.6	80.96	8747	3.48	6400	PL0330 80. - M - - - 3.0 B	182TC	13.5	12.9
	19.9	87.83	9490	3.22	6400	PL0330 90. - M - - - 3.0 B	182TC	13.4	12.9
	18.0	96.98	10478	2.49	6400	PL0330 100 - M - - - 3.0 B	182TC	13.3	12.8
	16.4	106.48	11504	2.69	6400	PL0330 112 - M - - - 3.0 B	182TC	13.3	12.8
	13.6	128.80	13916	2.25	6400	PL0330 125 - M - - - 3.0 B	182TC	13.2	12.7
	12.5	140.03	15129	2.08	6400	PL0330 140 - M - - - 3.0 B	182TC	13.1	12.6
	11.3	154.29	16669	1.61	6400	PL0330 160 - M - - - 3.0 B	182TC	13.1	12.5
	10.3	169.39	18302	1.74	6400	PL0330 180 - M - - - 3.0 B	182TC	13.0	12.5
	8.5	204.91	22139	1.46	6400	PL0330 200 - M - - - 3.0 B	182TC	12.9	12.4
	7.1	245.45	26520	1.05	6400	PL0330 250 - M - - - 3.0 B	182TC	12.8	12.3
	6.7	259.72	28061	1.17	6400	PL0340 250 - M - - - 3.0 B	182TC	10.7	10.3
	5.6	314.85	34017	0.97	6400	PL0340 315 - M - - - 3.0 B	182TC	10.6	10.2
	5.1	341.57	36905	0.90	6400	PL0340 360 - M - - - 3.0 B	182TC	10.1	9.7

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
3.0 HP	13.6	128.80	13916	3.46	6400	PL0530 125 - M - - - 3.0 B	182TC	13.8	13.3
	12.5	140.03	15129	3.20	6400	PL0530 140 - M - - - 3.0 B	182TC	13.7	13.2
	11.3	154.29	16669	2.48	6400	PL0530 160 - M - - - 3.0 B	182TC	13.7	13.2
4 - Pole	10.3	169.39	18302	2.68	6400	PL0530 180 - M - - - 3.0 B	182TC	13.6	13.1
	8.5	204.91	22139	2.24	6400	PL0530 200 - M - - - 3.0 B	182TC	13.5	13.0
	7.1	245.45	26520	1.61	6400	PL0530 250 - M - - - 3.0 B	182TC	13.4	12.9
	6.7	261.56	28260	1.05	6400	PL0530 280 - M - - - 3.0 B	182TC	13.3	12.9
	5.5	316.41	34185	0.88	6400	PL0530 315 - M - - - 3.0 B	182TC	13.2	12.7
	6.7	259.72	28061	1.80	6400	PL0540 250 - M - - - 3.0 B	182TC	11.2	10.8
	5.6	314.85	34017	1.50	6400	PL0540 315 - M - - - 3.0 B	182TC	11.0	10.6
	5.1	341.57	36905	1.39	6400	PL0540 360 - M - - - 3.0 B	182TC	10.5	10.1
	4.2	413.19	44643	1.16	6400	PL0540 400 - M - - - 3.0 B	182TC	10.2	9.9
	3.5	500.89	54118	0.97	6400	PL0540 500 - M - - - 3.0 B	182TC	10.2	9.8
	3.2	544.57	58836	0.90	6400	PL0540 560 - M - - - 3.0 B	182TC	10.2	9.8
	2.9	607.20	65604	0.81	6400	PL0540 630 - M - - - 3.0 B	182TC	10.1	9.8
	9.6	182.84	19755	4.35	9200	PL0830 180 - M - - - 3.0 B	182TC	20.2	18.9
	8.0	219.02	23664	3.16	9200	PL0830 225 - M - - - 3.0 B	182TC	20.0	18.7
	7.4	237.30	25639	2.02	9200	PL0830 250 - M - - - 3.0 B	182TC	19.9	18.6
	6.2	282.33	30504	1.71	9200	PL0830 280 - M - - - 3.0 B	182TC	19.7	18.5
	5.2	335.90	36292	1.23	9200	PL0830 360 - M - - - 3.0 B	182TC	19.6	18.3
	7.2	243.29	26286	3.33	9200	PL0840 250 - M - - - 3.0 B	182TC	15.6	14.7
	5.9	294.93	31865	2.78	9200	PL0840 315 - M - - - 3.0 B	182TC	15.4	14.5
	5.5	319.96	34570	2.57	9200	PL0840 360 - M - - - 3.0 B	182TC	14.9	14.0
	4.5	387.05	41818	2.15	9200	PL0840 400 - M - - - 3.0 B	182TC	14.5	13.6
	3.7	469.20	50694	1.80	9200	PL0840 450 - M - - - 3.0 B	182TC	14.4	13.6
	3.4	510.11	55114	1.66	9200	PL0840 500 - M - - - 3.0 B	182TC	14.4	13.5
	3.1	562.04	60724	1.52	9200	PL0840 560 - M - - - 3.0 B	182TC	14.4	13.5
	2.8	617.07	66670	1.39	9200	PL0840 630 - M - - - 3.0 B	182TC	14.3	13.5
	2.3	746.46	80649	1.16	9200	PL0840 710 - M - - - 3.0 B	182TC	14.3	13.4
	2.2	787.68	85103	1.11	9200	PL0840 800 - M - - - 3.0 B	182TC	14.2	13.4
	2.0	894.16	96607	0.98	9200	PL0840 900 - M - - - 3.0 B	182TC	14.2	13.3
	1.8	952.83	102947	0.93	9200	PL0840 10C - M - - - 3.0 B	182TC	14.2	13.3
	8.0	219.02	23664	4.03	9200	PL1230 225 - M - - - 3.0 B	182TC	21.2	19.9
	7.4	237.30	25639	2.69	9200	PL1230 250 - M - - - 3.0 B	182TC	21.1	19.8
	6.2	282.33	30504	2.28	9200	PL1230 280 - M - - - 3.0 B	182TC	20.9	19.7
	5.2	335.90	36292	1.64	9200	PL1230 360 - M - - - 3.0 B	182TC	20.7	19.5
	5.9	294.93	31865	3.44	9200	PL1240 315 - M - - - 3.0 B	182TC	16.3	15.3
	5.5	319.96	34570	3.18	9200	PL1240 360 - M - - - 3.0 B	182TC	15.8	14.9
	4.5	387.05	41818	2.66	9200	PL1240 400 - M - - - 3.0 B	182TC	15.4	14.5
	3.7	469.20	50694	2.22	9200	PL1240 450 - M - - - 3.0 B	182TC	15.3	14.4
	3.4	510.11	55114	2.06	9200	PL1240 500 - M - - - 3.0 B	182TC	15.2	14.4
	3.1	562.04	60724	1.88	9200	PL1240 560 - M - - - 3.0 B	182TC	15.2	14.3
	2.8	617.07	66670	1.72	9200	PL1240 630 - M - - - 3.0 B	182TC	15.2	14.3
	2.3	746.46	80649	1.44	9200	PL1240 710 - M - - - 3.0 B	182TC	15.1	14.2
	2.2	787.68	85103	1.37	9200	PL1240 800 - M - - - 3.0 B	182TC	15.1	14.2
	2.0	894.16	96607	1.22	9200	PL1240 900 - M - - - 3.0 B	182TC	15.0	14.2
	1.8	952.83	102947	1.15	9200	PL1240 10C - M - - - 3.0 B	182TC	15.0	14.1
	1.5	1152.62	124532	0.96	9200	PL1240 11C - M - - - 3.0 B	182TC	14.9	14.1
	1.3	1371.33	148162	0.81	9200	PL1240 12C - M - - - 3.0 B	182TC	14.8	14.0
	7.2	242.60	26211	4.73	12100	PL1630 250 - M - - - 3.0 B	182TC	36.7	25.3
	6.1	284.77	30767	2.52	12100	PL1630 280 - M - - - 3.0 B	182TC	36.4	25.1
	5.2	338.80	36605	2.14	12100	PL1630 315 - M - - - 3.0 B	182TC	36.1	24.9
	5.1	340.35	36773	4.41	12100	PL1640 360 - M - - - 3.0 B	182TC	26.0	18.2
	4.3	411.72	44483	3.69	12100	PL1640 400 - M - - - 3.0 B	182TC	26.0	18.2
	3.5	499.10	53924	3.08	12100	PL1640 500 - M - - - 3.0 B	182TC	25.9	18.1
	3.2	542.62	58626	2.85	12100	PL1640 560 - M - - - 3.0 B	182TC	25.8	18.0
	2.9	597.86	64594	2.60	12100	PL1640 630 - M - - - 3.0 B	182TC	25.8	18.0
	2.7	656.40	70919	2.38	12100	PL1640 710 - M - - - 3.0 B	182TC	25.7	17.9
	2.2	794.03	85789	1.99	12100	PL1640 800 - M - - - 3.0 B	182TC	25.6	17.8
	1.8	951.14	102763	1.68	12100	PL1640 900 - M - - - 3.0 B	182TC	25.4	17.7
	1.7	1013.55	109507	1.59	12100	PL1640 10C - M - - - 3.0 B	182TC	25.4	17.7
	1.4	1226.07	132468	1.33	12100	PL1640 12C - M - - - 3.0 B	182TC	25.3	17.6
	1.2	1458.71	157603	1.13	12100	PL1640 14C - M - - - 3.0 B	182TC	25.1	17.5
	1.2	1504.10	162506	0.85	12100	PL1640 16C - M - - - 3.0 B	182TC	25.1	17.5
	4.4	398.11	43013	5.37	18000	PL2540 400 - M - - - 3.0 B	182TC	-	19.0
	3.7	476.88	51524	3.19	18000	PL2540 450 - M - - - 3.0 B	182TC	-	18.9
	3.4	508.18	54905	3.03	18000	PL2540 500 - M - - - 3.0 B	182TC	-	18.8
	2.8	614.73	66417	2.52	18000	PL2540 630 - M - - - 3.0 B	182TC	-	18.7

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
3.0 HP **4 - Pole**	2.4	731.37	79019	2.13	18000	PL2540 710 - M - - - 3.0 B	182TC	-	18.6
	2.2	784.69	84780	1.99	18000	PL2540 800 - M - - - 3.0 B	182TC	-	18.6
	2.0	876.08	94654	1.81	18000	PL2540 900 - M - - - 3.0 B	182TC	-	18.6
	1.8	949.22	102556	1.69	18000	PL2540 10C - M - - - 3.0 B	182TC	-	18.5
	1.5	1129.33	122015	1.42	18000	PL2540 11C - M - - - 3.0 B	182TC	-	18.4
	1.3	1343.61	145167	1.21	18000	PL2540 12C - M - - - 3.0 B	182TC	-	18.3
	1.2	1468.13	158620	1.12	18000	PL2540 14C - M - - - 3.0 B	182TC	-	18.3
	2.4	715.45	77299	3.79	25000	PL4040 710 - M - - - 3.0 B	182TC	-	24.1
	2.1	851.09	91954	4.35	25000	PL4040 800 - M - - - 3.0 B	182TC	-	24.0
	2.0	865.46	93507	3.17	25000	PL4040 900 - M - - - 3.0 B	182TC	-	24.0
	1.7	1012.58	109401	3.69	25000	PL4040 10C - M - - - 3.0 B	182TC	-	23.9
	1.5	1188.59	128418	3.18	25000	PL4040 12C - M - - - 3.0 B	182TC	-	23.8
	1.2	1414.11	152784	2.70	25000	PL4040 14C - M - - - 3.0 B	182TC	-	23.7
	1.0	1793.64	193789	1.60	25000	PL4040 18C - M - - - 3.0 B	182TC	-	23.5
	0.8	2105.39	227471	1.16	25000	PL4040 20C - M - - - 3.0 B	182TC	-	23.4
5.0 HP **4 - Pole**	95.5	18.33	3301	2.72	2082	PL0120 18. - M - - - 5.0 B	184TC	12.6	11.3
	78.7	22.22	4002	1.86	2524	PL0120 22. - M - - - 5.0 B	184TC	12.3	11.0
	72.6	24.11	4342	2.12	2738	PL0120 25. - M - - - 5.0 B	184TC	12.1	10.9
	60.0	29.17	5252	1.77	2900	PL0120 28. - M - - - 5.0 B	184TC	11.8	10.7
	49.5	35.36	6367	1.20	2900	PL0120 36. - M - - - 5.0 B	184TC	11.6	10.4
	45.5	38.44	6922	0.78	2900	PL0120 40. - M - - - 5.0 B	184TC	11.4	10.3
	78.7	22.22	4002	3.42	2524	PL0220 22. - M - - - 5.0 B	184TC	13.6	12.4
	72.6	24.11	4342	3.85	2738	PL0220 25. - M - - - 5.0 B	184TC	13.3	12.1
	60.0	29.17	5252	3.28	2900	PL0220 28. - M - - - 5.0 B	184TC	13.2	12.0
	49.5	35.36	6367	2.22	2900	PL0220 36. - M - - - 5.0 B	184TC	12.8	11.7
	45.5	38.44	6922	1.43	2900	PL0220 40. - M - - - 5.0 B	184TC	12.5	11.4
	37.6	46.50	8373	1.20	2900	PL0220 45. - M - - - 5.0 B	184TC	12.4	11.3
	31.1	56.25	10129	0.74	2900	PL0220 56. - M - - - 5.0 B	184TC	12.1	11.0
	29.8	58.81	10591	1.70	2900	PL0230 63. - M - - - 5.0 B	184TC	9.6	8.8
	24.5	71.30	12838	1.42	2900	PL0230 71. - M - - - 5.0 B	184TC	9.6	8.8
	20.2	86.43	15563	1.18	2900	PL0230 80. - M - - - 5.0 B	184TC	9.6	8.8
	18.7	93.77	16884	1.10	2900	PL0230 90. - M - - - 5.0 B	184TC	9.6	8.8
	16.7	104.77	18866	0.80	2900	PL0230 100 - M - - - 5.0 B	184TC	9.6	8.8
	15.4	113.43	20425	0.92	2900	PL0230 112 - M - - - 5.0 B	184TC	9.6	8.8
	53.5	32.73	5893	4.14	6400	PL0320 32. - M - - - 5.0 B	184TC	18.7	17.9
	50.2	34.88	6280	2.71	6400	PL0320 36. - M - - - 5.0 B	184TC	18.6	17.8
	41.5	42.19	7597	2.27	6400	PL0320 45. - M - - - 5.0 B	184TC	18.1	17.4
	34.9	50.19	9038	1.44	6400	PL0320 50. - M - - - 5.0 B	184TC	17.8	17.0
	31.8	55.09	9921	2.99	6400	PL0330 56. - M - - - 5.0 B	184TC	13.7	13.2
	26.2	66.79	12026	2.50	6400	PL0330 71. - M - - - 5.0 B	184TC	13.6	13.1
	21.6	80.96	14579	2.09	6400	PL0330 80. - M - - - 5.0 B	184TC	13.5	12.9
	19.9	87.83	15816	1.93	6400	PL0330 90. - M - - - 5.0 B	184TC	13.4	12.9
	18.0	96.98	17463	1.50	6400	PL0330 100 - M - - - 5.0 B	184TC	13.3	12.8
	16.4	106.48	19173	1.62	6400	PL0330 112 - M - - - 5.0 B	184TC	13.3	12.8
	13.6	128.80	23193	1.35	6400	PL0330 125 - M - - - 5.0 B	184TC	13.2	12.6
	12.5	140.03	25216	1.25	6400	PL0330 140 - M - - - 5.0 B	184TC	13.1	12.6
	11.3	154.29	27782	0.97	6400	PL0330 160 - M - - - 5.0 B	184TC	13.0	12.5
	10.3	169.39	30503	1.05	6400	PL0330 180 - M - - - 5.0 B	184TC	13.0	12.5
	8.5	204.91	36898	0.87	6400	PL0330 200 - M - - - 5.0 B	184TC	12.9	12.4
	26.2	66.79	12026	3.85	6400	PL0530 71. - M - - - 5.0 B	184TC	14.2	13.7
	21.6	80.96	14579	3.21	6400	PL0530 80. - M - - - 5.0 B	184TC	14.1	13.6
	19.9	87.83	15816	2.98	6400	PL0530 90. - M - - - 5.0 B	184TC	14.1	13.5
	18.0	96.98	17463	2.30	6400	PL0530 100 - M - - - 5.0 B	184TC	14.0	13.5
	16.4	106.48	19173	2.48	6400	PL0530 112 - M - - - 5.0 B	184TC	13.9	13.4
	13.6	128.80	23193	2.08	6400	PL0530 125 - M - - - 5.0 B	184TC	13.8	13.3
	12.5	140.03	25216	1.92	6400	PL0530 140 - M - - - 5.0 B	184TC	13.7	13.2
	11.3	154.29	27782	1.49	6400	PL0530 160 - M - - - 5.0 B	184TC	13.7	13.2
	10.3	169.39	30503	1.61	6400	PL0530 180 - M - - - 5.0 B	184TC	13.6	13.1
	8.5	204.91	36898	1.35	6400	PL0530 200 - M - - - 5.0 B	184TC	13.5	13.0
	7.1	245.45	44199	0.96	6400	PL0530 250 - M - - - 5.0 B	184TC	13.4	12.9
	6.7	259.72	46768	1.08	6400	PL0540 250 - M - - - 5.0 B	184TC	11.2	10.8
	5.6	314.85	56695	0.90	6400	PL0540 315 - M - - - 5.0 B	184TC	11.0	10.6
	5.1	341.57	61508	0.83	6400	PL0540 360 - M - - - 5.0 B	184TC	10.5	10.1
	14.7	119.22	21468	3.89	9200	PL0830 112 - M - - - 5.0 B	184TC	20.6	19.3
	13.8	127.04	22877	3.67	9200	PL0830 125 - M - - - 5.0 B	184TC	20.5	19.2
	12.3	142.81	25716	2.83	9200	PL0830 140 - M - - - 5.0 B	184TC	20.4	19.1
	11.4	153.68	27674	3.07	9200	PL0830 160 - M - - - 5.0 B	184TC	20.3	19.0
	9.6	182.84	32925	2.61	9200	PL0830 180 - M - - - 5.0 B	184TC	20.2	18.9
	8.0	219.02	39439	1.89	9200	PL0830 225 - M - - - 5.0 B	184TC	20.0	18.7
	7.4	237.30	42732	1.21	9200	PL0830 250 - M - - - 5.0 B	184TC	19.9	18.6
	6.2	282.33	50840	1.03	9200	PL0830 280 - M - - - 5.0 B	184TC	19.7	18.5

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
5.0 HP	7.2	243.29	43810	2.00	9200	PL0840 250 - M - - - 5.0 B	184TC	15.6	14.7
	5.9	294.93	53108	1.67	9200	PL0840 315 - M - - - 5.0 B	184TC	15.4	14.5
	5.5	319.96	57616	1.54	9200	PL0840 360 - M - - - 5.0 B	184TC	14.9	14.0
	4.5	387.05	69697	1.29	9200	PL0840 400 - M - - - 5.0 B	184TC	14.5	13.6
	3.7	469.20	84490	1.08	9200	PL0840 450 - M - - - 5.0 B	184TC	14.4	13.6
	3.4	510.11	91857	1.00	9200	PL0840 500 - M - - - 5.0 B	184TC	14.4	13.5
	3.1	562.04	101207	0.91	9200	PL0840 560 - M - - - 5.0 B	184TC	14.4	13.5
	2.8	617.07	111117	0.83	9200	PL0840 630 - M - - - 5.0 B	184TC	14.3	13.5
4 - Pole	12.3	142.81	25716	3.61	9200	PL1230 140 - M - - - 5.0 B	184TC	21.6	20.3
	11.4	153.68	27674	3.80	9200	PL1230 160 - M - - - 5.0 B	184TC	21.6	20.3
	9.6	182.84	32925	3.23	9200	PL1230 180 - M - - - 5.0 B	184TC	21.4	20.1
	8.0	219.02	39439	2.42	9200	PL1230 225 - M - - - 5.0 B	184TC	21.2	19.9
	7.4	237.30	42732	1.61	9200	PL1230 250 - M - - - 5.0 B	184TC	21.1	19.8
	6.2	282.33	50840	1.37	9200	PL1230 280 - M - - - 5.0 B	184TC	20.9	19.7
	5.2	335.90	60486	0.98	9200	PL1230 360 - M - - - 5.0 B	184TC	20.7	19.5
	7.2	243.29	43810	2.47	9200	PL1240 250 - M - - - 5.0 B	184TC	16.5	15.6
	5.9	294.93	53108	2.06	9200	PL1240 315 - M - - - 5.0 B	184TC	16.3	15.3
	5.5	319.96	57616	1.91	9200	PL1240 360 - M - - - 5.0 B	184TC	15.8	14.9
	4.5	387.05	69697	1.60	9200	PL1240 400 - M - - - 5.0 B	184TC	15.4	14.5
	3.7	469.20	84490	1.33	9200	PL1240 450 - M - - - 5.0 B	184TC	15.3	14.4
	3.4	510.11	91857	1.23	9200	PL1240 500 - M - - - 5.0 B	184TC	15.2	14.4
	3.1	562.04	101207	1.13	9200	PL1240 560 - M - - - 5.0 B	184TC	15.2	14.3
	2.8	617.07	111117	1.03	9200	PL1240 630 - M - - - 5.0 B	184TC	15.2	14.3
	2.3	746.46	134416	0.86	9200	PL1240 710 - M - - - 5.0 B	184TC	15.1	14.2
	2.2	787.68	141838	0.82	9200	PL1240 800 - M - - - 5.0 B	184TC	15.1	14.2
	8.6	203.91	36718	3.34	12100	PL1630 225 - M - - - 5.0 B	184TC	37.0	25.5
	7.2	242.60	43685	2.84	12100	PL1630 250 - M - - - 5.0 B	184TC	36.7	25.3
	6.1	284.77	51278	1.51	12100	PL1630 280 - M - - - 5.0 B	184TC	36.4	25.1
	5.2	338.80	61008	1.28	12100	PL1630 315 - M - - - 5.0 B	184TC	36.1	24.9
	6.8	258.79	46601	3.42	12100	PL1640 280 - M - - - 5.0 B	184TC	28.6	20.0
	5.6	313.72	56492	2.85	12100	PL1640 315 - M - - - 5.0 B	184TC	26.3	18.4
	5.1	340.35	61288	2.64	12100	PL1640 360 - M - - - 5.0 B	184TC	26.0	18.2
	4.3	411.72	74139	2.21	12100	PL1640 400 - M - - - 5.0 B	184TC	26.0	18.2
	3.5	499.10	89874	1.85	12100	PL1640 500 - M - - - 5.0 B	184TC	25.9	18.1
	3.2	542.62	97710	1.71	12100	PL1640 560 - M - - - 5.0 B	184TC	25.8	18.0
	2.9	597.86	107657	1.56	12100	PL1640 630 - M - - - 5.0 B	184TC	25.8	18.0
	2.7	656.40	118198	1.43	12100	PL1640 710 - M - - - 5.0 B	184TC	25.7	17.9
	2.2	794.03	142982	1.20	12100	PL1640 800 - M - - - 5.0 B	184TC	25.6	17.8
	1.8	951.14	171272	1.01	12100	PL1640 900 - M - - - 5.0 B	184TC	25.4	17.7
	1.7	1013.55	182512	0.95	12100	PL1640 10C - M - - - 5.0 B	184TC	25.4	17.7
	1.4	1226.07	220780	0.80	12100	PL1640 12C - M - - - 5.0 B	184TC	25.3	17.6
	5.3	329.1	59262	3.85	18000	PL2540 315 - M - - - 5.0 B	184TC	-	19.1
	4.9	359.1	64657	3.55	18000	PL2540 360 - M - - - 5.0 B	184TC	-	19.0
	4.4	398.1	71688	3.22	18000	PL2540 400 - M - - - 5.0 B	184TC	-	19.0
	3.7	476.9	85873	2.72	18000	PL2540 450 - M - - - 5.0 B	184TC	-	18.9
	3.4	508.2	91508	2.56	18000	PL2540 500 - M - - - 5.0 B	184TC	-	18.8
	2.8	614.7	110695	2.15	18000	PL2540 630 - M - - - 5.0 B	184TC	-	18.7
	2.4	731.4	131699	1.82	18000	PL2540 710 - M - - - 5.0 B	184TC	-	18.6
	2.2	784.7	141299	1.71	18000	PL2540 800 - M - - - 5.0 B	184TC	-	18.6
	2.0	876.1	157757	1.54	18000	PL2540 900 - M - - - 5.0 B	184TC	-	18.6
	1.8	949.2	170927	1.43	18000	PL2540 10C - M - - - 5.0 B	184TC	-	18.5
	1.5	1129.3	203359	1.21	18000	PL2540 11C - M - - - 5.0 B	184TC	-	18.4
	1.3	1343.6	241945	1.03	18000	PL2540 12C - M - - - 5.0 B	184TC	-	18.3
	1.2	1468.1	264367	0.72	18000	PL2540 14C - M - - - 5.0 B	184TC	-	18.3
	3.1	564.07	101572	3.84	25000	PL4040 560 - M - - - 5.0 B	184TC	-	24.3
	2.6	682.34	122869	3.21	25000	PL4040 630 - M - - - 5.0 B	184TC	-	24.1
	2.4	715.45	128832	2.28	25000	PL4040 710 - M - - - 5.0 B	184TC	-	24.1
	2.1	851.09	153256	2.61	25000	PL4040 800 - M - - - 5.0 B	184TC	-	24.0
	2.0	865.46	155845	1.90	25000	PL4040 900 - M - - - 5.0 B	184TC	-	24.0
	1.7	1012.58	182335	2.22	25000	PL4040 10C - M - - - 5.0 B	184TC	-	23.9
	1.5	1188.59	214030	1.91	25000	PL4040 12C - M - - - 5.0 B	184TC	-	23.8
	1.2	1414.11	254641	1.62	25000	PL4040 14C - M - - - 5.0 B	184TC	-	23.6
	1.0	1793.64	322982	0.96	25000	PL4040 18C - M - - - 5.0 B	184TC	-	23.5

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
7.5 HP	450.0	3.89	1050	5.37	442	PL0110 3.6 - M - - - 7.5 B	213TC	20.7	18.5
	371.2	4.71	1273	4.59	535	PL0110 4.5 - M - - - 7.5 B	213TC	19.2	17.2
	282.3	6.20	1675	2.86	704	PL0110 6.3 - M - - - 7.5 B	213TC	17.4	15.6
4 - Pole	233.3	7.50	2026	1.77	852	PL0110 7.1 - M - - - 7.5 B	213TC	16.4	14.6
	115.7	15.12	4085	2.08	1717	PL0120 16. - M - - - 7.5 B	213TC	12.9	11.6
	95.5	18.33	4952	1.81	2082	PL0120 18. - M - - - 7.5 B	213TC	12.6	11.3
	78.7	22.22	6003	1.24	2524	PL0120 22. - M - - - 7.5 B	213TC	12.3	11.0
	72.6	24.11	6513	1.41	2738	PL0120 25. - M - - - 7.5 B	213TC	12.1	10.9
	60.0	29.17	7878	1.18	2900	PL0120 28. - M - - - 7.5 B	213TC	11.8	10.7
	49.5	35.36	9550	0.80	2900	PL0120 36. - M - - - 7.5 B	213TC	11.6	10.4
	115.7	15.12	4085	3.56	1717	PL0220 16. - M - - - 7.5 B	213TC	14.0	12.7
	95.5	18.33	4952	3.11	2082	PL0220 18. - M - - - 7.5 B	213TC	13.6	12.4
	78.7	22.22	6003	2.28	2524	PL0220 22. - M - - - 7.5 B	213TC	13.3	12.1
	72.6	24.11	6513	2.57	2738	PL0220 25. - M - - - 7.5 B	213TC	13.2	12.0
	60.0	29.17	7878	2.18	2900	PL0220 28. - M - - - 7.5 B	213TC	12.8	11.7
	49.5	35.36	9550	1.48	2900	PL0220 36. - M - - - 7.5 B	213TC	12.5	11.4
	45.5	38.44	10383	0.96	2900	PL0220 40. - M - - - 7.5 B	213TC	12.4	11.3
	37.6	46.50	12560	0.80	2900	PL0220 45. - M - - - 7.5 B	213TC	12.1	11.0
	64.1	27.32	7380	3.68	6400	PL0320 25. - M - - - 7.5 B	213TC	19.1	18.3
	53.5	32.73	8840	2.76	6400	PL0320 32. - M - - - 7.5 B	213TC	18.7	17.9
	50.2	34.88	9420	1.81	6400	PL0320 36. - M - - - 7.5 B	213TC	18.6	17.8
	41.5	42.19	11395	1.51	6400	PL0320 45. - M - - - 7.5 B	213TC	18.1	17.4
	34.9	50.19	13557	0.96	6400	PL0320 50. - M - - - 7.5 B	213TC	17.8	17.0
	31.8	55.09	14881	2.00	6400	PL0330 56. - M - - - 7.5 B	213TC	13.7	13.2
	26.2	66.79	18039	1.67	6400	PL0330 71. - M - - - 7.5 B	213TC	13.6	13.1
	21.6	80.96	21868	1.39	6400	PL0330 80. - M - - - 7.5 B	213TC	13.5	12.9
	19.9	87.83	23724	1.29	6400	PL0330 90. - M - - - 7.5 B	213TC	13.4	12.9
	18.0	96.98	26195	1.00	6400	PL0330 100 - M - - - 7.5 B	213TC	13.3	12.8
	16.4	106.48	28760	1.08	6400	PL0330 112 - M - - - 7.5 B	213TC	13.3	12.8
	13.6	128.80	34790	0.90	6400	PL0330 125 - M - - - 7.5 B	213TC	13.2	12.6
	12.5	140.03	37823	0.83	6400	PL0330 140 - M - - - 7.5 B	213TC	13.1	12.6
	53.5	32.73	8840	4.25	6400	PL0520 32. - M - - - 7.5 B	213TC	19.7	18.9
	50.2	34.88	9420	2.78	6400	PL0520 36. - M - - - 7.5 B	213TC	19.5	18.8
	41.5	42.19	11395	2.33	6400	PL0520 45. - M - - - 7.5 B	213TC	19.1	18.3
	34.9	50.19	13557	1.47	6400	PL0520 50. - M - - - 7.5 B	213TC	18.7	18.0
	31.8	55.09	14881	3.07	6400	PL0530 56. - M - - - 7.5 B	213TC	14.4	13.9
	26.2	66.79	18039	2.56	6400	PL0530 71. - M - - - 7.5 B	213TC	14.2	13.7
	21.6	80.96	21868	2.14	6400	PL0530 80. - M - - - 7.5 B	213TC	14.1	13.6
	19.9	87.83	23724	1.98	6400	PL0530 90. - M - - - 7.5 B	213TC	14.1	13.5
	18.0	96.98	26195	1.54	6400	PL0530 100 - M - - - 7.5 B	213TC	14.0	13.5
	16.4	106.48	28760	1.66	6400	PL0530 112 - M - - - 7.5 B	213TC	13.9	13.4
	13.6	128.80	34790	1.39	6400	PL0530 125 - M - - - 7.5 B	213TC	13.8	13.3
	12.5	140.03	37823	1.28	6400	PL0530 140 - M - - - 7.5 B	213TC	13.7	13.2
	11.3	154.29	41674	0.99	6400	PL0530 160 - M - - - 7.5 B	213TC	13.7	13.2
	10.3	169.39	45754	1.07	6400	PL0530 180 - M - - - 7.5 B	213TC	13.6	13.1
	8.5	204.91	55348	0.90	6400	PL0530 200 - M - - - 7.5 B	213TC	13.5	13.0
	23.4	74.94	20241	3.94	9200	PL0830 71. - M - - - 7.5 B	213TC	21.1	19.7
	21.3	82.28	22223	3.67	9200	PL0830 80. - M - - - 7.5 B	213TC	21.0	19.7
	19.5	89.77	24246	2.91	9200	PL0830 90. - M - - - 7.5 B	213TC	20.9	19.6
	17.8	98.56	26621	3.10	9200	PL0830 100 - M - - - 7.5 B	213TC	20.8	19.5
	14.7	119.22	32202	2.60	9200	PL0830 112 - M - - - 7.5 B	213TC	20.6	19.3
	13.8	127.04	34316	2.45	9200	PL0830 125 - M - - - 7.5 B	213TC	20.5	19.2
	12.3	142.81	38574	1.89	9200	PL0830 140 - M - - - 7.5 B	213TC	20.4	19.1
	11.4	153.68	41511	2.05	9200	PL0830 160 - M - - - 7.5 B	213TC	20.3	19.0
	9.6	182.84	49387	1.74	9200	PL0830 180 - M - - - 7.5 B	213TC	20.2	18.9
	8.0	219.02	59159	1.26	9200	PL0830 225 - M - - - 7.5 B	213TC	20.0	18.7
	7.4	237.30	64098	0.81	9200	PL0830 250 - M - - - 7.5 B	213TC	19.9	18.6
	7.2	243.29	65714	1.33	9200	PL0840 250 - M - - - 7.5 B	213TC	15.6	14.7
	5.9	294.93	79662	1.11	9200	PL0840 315 - M - - - 7.5 B	213TC	15.4	14.5
	5.5	319.96	86424	1.03	9200	PL0840 360 - M - - - 7.5 B	213TC	14.9	14.0
	4.5	387.05	104546	0.86	9200	PL0840 400 - M - - - 7.5 B	213TC	14.5	13.6
	19.5	89.77	24246	3.71	9200	PL1230 90. - M - - - 7.5 B	213TC	22.1	20.8
	17.8	98.56	26621	3.84	9200	PL1230 100 - M - - - 7.5 B	213TC	22.0	20.7
	14.7	119.22	32202	3.21	9200	PL1230 112 - M - - - 7.5 B	213TC	21.8	20.5
	13.8	127.04	34316	3.03	9200	PL1230 125 - M - - - 7.5 B	213TC	21.8	20.5
	12.3	142.81	38574	2.40	9200	PL1230 140 - M - - - 7.5 B	213TC	21.6	20.3
	11.4	153.68	41511	2.53	9200	PL1230 160 - M - - - 7.5 B	213TC	21.6	20.3
	9.6	182.84	49387	2.15	9200	PL1230 180 - M - - - 7.5 B	213TC	21.4	20.1
	8.0	219.02	59159	1.61	9200	PL1230 225 - M - - - 7.5 B	213TC	21.2	19.9
	7.4	237.30	64098	1.08	9200	PL1230 250 - M - - - 7.5 B	213TC	21.1	19.8
	6.2	282.33	76260	0.91	9200	PL1230 280 - M - - - 7.5 B	213TC	20.9	19.7

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
7.5 HP	7.2	243.29	65714	1.65	9200	PL1240 250 - M - - - 7.5 B	213TC	16.5	15.6
	5.9	294.93	79662	1.37	9200	PL1240 315 - M - - - 7.5 B	213TC	16.3	15.3
4 - Pole	5.5	319.96	86424	1.27	9200	PL1240 360 - M - - - 7.5 B	213TC	15.8	14.9
	4.5	387.05	104546	1.07	9200	PL1240 400 - M - - - 7.5 B	213TC	15.4	14.5
	3.7	469.20	126735	0.89	9200	PL1240 450 - M - - - 7.5 B	213TC	15.3	14.4
	3.4	510.11	137785	0.82	9200	PL1240 500 - M - - - 7.5 B	213TC	15.2	14.4
	16.0	109.16	29486	3.99	12100	PL1630 112 - M - - - 7.5 B	213TC	38.2	26.3
	13.8	126.82	34254	4.45	12100	PL1630 125 - M - - - 7.5 B	213TC	37.9	26.1
	12.9	135.14	36502	4.19	12100	PL1630 140 - M - - - 7.5 B	213TC	37.8	26.0
	10.7	163.48	44156	3.50	12100	PL1630 160 - M - - - 7.5 B	213TC	37.4	25.8
	9.0	194.50	52534	2.98	12100	PL1630 200 - M - - - 7.5 B	213TC	37.1	25.6
	8.6	203.91	55076	2.22	12100	PL1630 225 - M - - - 7.5 B	213TC	37.0	25.5
	7.2	242.60	65527	1.89	12100	PL1630 250 - M - - - 7.5 B	213TC	36.7	25.3
	6.1	284.77	76917	1.01	12100	PL1630 280 - M - - - 7.5 B	213TC	36.4	25.1
	5.2	338.80	91512	0.86	12100	PL1630 315 - M - - - 7.5 B	213TC	36.1	24.9
	8.2	213.48	57663	2.73	12100	PL1640 225 - M - - - 7.5 B	213TC	28.6	20.0
	6.8	258.79	69902	2.28	12100	PL1640 280 - M - - - 7.5 B	213TC	28.6	20.0
	5.6	313.72	84738	1.90	12100	PL1640 315 - M - - - 7.5 B	213TC	26.3	18.4
	5.1	340.35	91932	1.76	12100	PL1640 360 - M - - - 7.5 B	213TC	26.0	18.2
	4.3	411.72	111208	1.48	12100	PL1640 400 - M - - - 7.5 B	213TC	26.0	18.2
	3.5	499.10	134811	1.23	12100	PL1640 500 - M - - - 7.5 B	213TC	25.9	18.1
	3.2	542.62	146566	1.14	12100	PL1640 560 - M - - - 7.5 B	213TC	25.8	18.0
	2.9	597.86	161485	1.04	12100	PL1640 630 - M - - - 7.5 B	213TC	25.8	18.0
	2.7	656.40	177297	0.95	12100	PL1640 710 - M - - - 7.5 B	213TC	25.7	17.9
	2.2	794.03	214472	0.80	12100	PL1640 800 - M - - - 7.5 B	213TC	25.6	17.8
	8.5	206.43	55758	3.98	18000	PL2540 200 - M - - - 7.5 B	213TC	-	21.1
	7.0	250.24	67592	3.32	18000	PL2540 250 - M - - - 7.5 B	213TC	-	20.9
	5.8	299.76	80966	2.80	18000	PL2540 280 - M - - - 7.5 B	213TC	-	19.6
	5.3	329.11	88894	2.57	18000	PL2540 315 - M - - - 7.5 B	213TC	-	19.1
	4.9	359.06	96986	2.37	18000	PL2540 360 - M - - - 7.5 B	213TC	-	19.0
	4.4	398.11	107533	2.15	18000	PL2540 400 - M - - - 7.5 B	213TC	-	19.0
	3.7	476.88	128809	1.81	18000	PL2540 450 - M - - - 7.5 B	213TC	-	18.9
	3.4	508.18	137262	1.71	18000	PL2540 500 - M - - - 7.5 B	213TC	-	18.8
	2.8	614.73	166043	1.43	18000	PL2540 630 - M - - - 7.5 B	213TC	-	18.7
	2.4	731.37	197549	1.22	18000	PL2540 710 - M - - - 7.5 B	213TC	-	18.6
	2.2	784.69	211949	1.14	18000	PL2540 800 - M - - - 7.5 B	213TC	-	18.6
	2.0	876.08	236636	1.03	18000	PL2540 900 - M - - - 7.5 B	213TC	-	18.6
	1.8	949.22	256390	0.95	18000	PL2540 10C - M - - - 7.5 B	213TC	-	18.5
	1.5	1129.33	305038	0.81	18000	PL2540 11C - M - - - 7.5 B	213TC	-	18.4
	5.3	332.72	89870	4.19	25000	PL4040 315 - M - - - 7.5 B	213TC	-	24.6
	4.8	365.30	98670	3.84	25000	PL4040 360 - M - - - 7.5 B	213TC	-	24.6
	4.0	441.89	119358	3.21	25000	PL4040 400 - M - - - 7.5 B	213TC	-	24.4
	3.8	455.64	123072	3.12	25000	PL4040 450 - M - - - 7.5 B	213TC	-	24.4
	3.3	529.33	142975	2.71	25000	PL4040 500 - M - - - 7.5 B	213TC	-	24.3
	3.1	564.07	152358	2.56	25000	PL4040 560 - M - - - 7.5 B	213TC	-	24.3
	2.6	682.34	184304	2.14	25000	PL4040 630 - M - - - 7.5 B	213TC	-	24.1
	2.4	715.45	193248	1.52	25000	PL4040 710 - M - - - 7.5 B	213TC	-	24.1
	2.1	851.09	229884	1.74	25000	PL4040 800 - M - - - 7.5 B	213TC	-	24.0
	2.0	865.46	233767	1.27	25000	PL4040 900 - M - - - 7.5 B	213TC	-	24.0
	1.7	1012.58	273503	1.48	25000	PL4040 10C - M - - - 7.5 B	213TC	-	23.9
	1.5	1188.59	321045	1.27	25000	PL4040 12C - M - - - 7.5 B	213TC	-	23.8
	1.2	1414.11	381961	1.08	25000	PL4040 14C - M - - - 7.5 B	213TC	-	23.6
10 HP	450.0	3.89	1401	4.03	442	PL0110 3.6 - M - - - 10. B	215TC	20.7	18.5
	371.2	4.71	1698	3.44	535	PL0110 4.5 - M - - - 10. B	215TC	19.2	17.2
4 - Pole	282.3	6.20	2233	2.14	704	PL0110 6.3 - M - - - 10. B	215TC	17.4	15.6
	233.3	7.50	2701	1.32	852	PL0110 7.1 - M - - - 10. B	215TC	16.4	14.6
	115.7	15.12	5447	1.56	1717	PL0120 16. - M - - - 10. B	215TC	12.9	11.6
	95.5	18.33	6603	1.36	2082	PL0120 18. - M - - - 10. B	215TC	12.6	11.3
	78.7	22.22	8004	0.93	2524	PL0120 22. - M - - - 10. B	215TC	12.3	11.0
	72.6	24.11	8683	1.06	2738	PL0120 25. - M - - - 10. B	215TC	12.1	10.9
	60.0	29.17	10504	0.89	2900	PL0120 28. - M - - - 10. B	215TC	11.8	10.7
	282.3	6.20	2233	3.96	704	PL0210 6.3 - M - - - 10. B	215TC	18.0	16.2
	233.3	7.50	2701	2.44	852	PL0210 7.1 - M - - - 10. B	215TC	16.9	15.2
	115.7	15.12	5447	2.67	1717	PL0220 16. - M - - - 10. B	215TC	14.0	12.7
	95.5	18.33	6603	2.33	2082	PL0220 18. - M - - - 10. B	215TC	13.6	12.4
	78.7	22.22	8004	1.71	2524	PL0220 22. - M - - - 10. B	215TC	13.3	12.1
	72.6	24.11	8683	1.93	2738	PL0220 25. - M - - - 10. B	215TC	13.2	12.0
	60.0	29.17	10504	1.64	2900	PL0220 28. - M - - - 10. B	215TC	12.8	11.7
	49.5	35.36	12734	1.11	2900	PL0220 36. - M - - - 10. B	215TC	12.5	11.4

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
10 HP	450.0	3.89	1401	4.03	442	PL0110 3.6 - M - - - 10. B	215TC	20.7	18.5
	371.2	4.71	1698	3.44	535	PL0110 4.5 - M - - - 10. B	215TC	19.2	17.2
	282.3	6.20	2233	2.14	704	PL0110 6.3 - M - - - 10. B	215TC	17.4	15.6
4 - Pole	233.3	7.50	2701	1.32	852	PL0110 7.1 - M - - - 10. B	215TC	16.4	14.6
	115.7	15.12	5447	1.56	1717	PL0120 16. - M - - - 10. B	215TC	12.9	11.6
	95.5	18.33	6603	1.36	2082	PL0120 18. - M - - - 10. B	215TC	12.6	11.3
	78.7	22.22	8004	0.93	2524	PL0120 22. - M - - - 10. B	215TC	12.3	11.0
	72.6	24.11	8683	1.06	2738	PL0120 25. - M - - - 10. B	215TC	12.1	10.9
	60.0	29.17	10504	0.89	2900	PL0120 28. - M - - - 10. B	215TC	11.8	10.7
	282.3	6.20	2233	3.96	704	PL0210 6.3 - M - - - 10. B	215TC	18.0	16.2
	233.3	7.50	2701	2.44	852	PL0210 7.1 - M - - - 10. B	215TC	16.9	15.2
	115.7	15.12	5447	2.67	1717	PL0220 16. - M - - - 10. B	215TC	14.0	12.7
	95.5	18.33	6603	2.33	2082	PL0220 18. - M - - - 10. B	215TC	13.6	12.4
	78.7	22.22	8004	1.92	2524	PL0220 22. - M - - - 10. B	215TC	13.3	12.1
	72.6	24.11	8683	1.93	2738	PL0220 25. - M - - - 10. B	215TC	13.2	12.0
	60.0	29.17	10504	1.64	2900	PL0220 28. - M - - - 10. B	215TC	12.8	11.7
	49.5	35.36	12734	1.24	2900	PL0220 36. - M - - - 10. B	215TC	12.5	11.4
	101.9	17.17	6185	3.82	5953	PL0320 16. - M - - - 10. B	215TC	20.3	19.5
	85.1	20.57	7409	3.20	6400	PL0320 20. - M - - - 10. B	215TC	19.8	19.0
	77.5	22.59	8134	3.15	6400	PL0320 22. - M - - - 10. B	215TC	19.6	18.8
	64.1	27.32	9840	2.76	6400	PL0320 25. - M - - - 10. B	215TC	19.1	18.3
	53.5	32.73	11786	2.07	6400	PL0320 32. - M - - - 10. B	215TC	18.7	17.9
	50.2	34.88	12560	1.36	6400	PL0320 36. - M - - - 10. B	215TC	18.6	17.8
	41.5	42.19	15193	1.14	6400	PL0320 45. - M - - - 10. B	215TC	18.1	17.4
	31.8	55.09	19841	1.50	6400	PL0330 56. - M - - - 10. B	215TC	13.7	13.2
	26.2	66.79	24052	1.25	6400	PL0330 71. - M - - - 10. B	215TC	13.6	13.1
	21.6	80.96	29157	1.04	6400	PL0330 80. - M - - - 10. B	215TC	13.5	12.9
	19.9	87.83	31632	0.97	6400	PL0330 90. - M - - - 10. B	215TC	13.4	12.9
	18.0	96.98	34926	0.75	6400	PL0330 100 - M - - - 10. B	215TC	13.3	12.8
	16.4	106.48	38346	0.81	6400	PL0330 112 - M - - - 10. B	215TC	13.3	12.8
	64.0	27.32	9841	3.97	6400	PL0520 25. - M - - - 10. B	215TC	20.1	19.3
	53.5	32.73	11788	3.19	6400	PL0520 32. - M - - - 10. B	215TC	19.7	18.9
	50.2	34.88	12562	2.09	6400	PL0520 36. - M - - - 10. B	215TC	19.5	18.8
	41.5	42.19	15196	1.75	6400	PL0520 45. - M - - - 10. B	215TC	19.1	18.3
	34.9	50.19	18079	1.10	6400	PL0520 50. - M - - - 10. B	215TC	18.7	18.0
	31.8	55.09	19844	2.30	6400	PL0530 56. - M - - - 10. B	215TC	14.4	13.9
	26.2	66.79	24056	1.92	6400	PL0530 71. - M - - - 10. B	215TC	14.2	13.7
	21.6	80.96	29162	1.61	6400	PL0530 80. - M - - - 10. B	215TC	14.1	13.6
	19.9	87.83	31638	1.49	6400	PL0530 90. - M - - - 10. B	215TC	14.1	13.5
	18.0	96.98	34932	1.15	6400	PL0530 100 - M - - - 10. B	215TC	14.0	13.5
	16.4	106.48	38353	1.24	6400	PL0530 112 - M - - - 10. B	215TC	13.9	13.4
	13.6	128.80	46394	1.04	6400	PL0530 125 - M - - - 10. B	215TC	13.8	13.3
	12.5	140.03	50440	0.96	6400	PL0530 140 - M - - - 10. B	215TC	13.7	13.2
	11.3	154.29	55574	0.75	6400	PL0530 160 - M - - - 10. B	215TC	13.7	13.2
	10.3	169.39	61016	0.80	6400	PL0530 180 - M - - - 10. B	215TC	13.6	13.1
	33.9	51.61	18586	3.92	9200	PL0830 56. - M - - - 10. B	215TC	21.5	20.1
	28.0	62.56	22531	3.42	9200	PL0830 63. - M - - - 10. B	215TC	21.3	19.9
	23.4	74.94	26989	2.95	9200	PL0830 71. - M - - - 10. B	215TC	21.1	19.7
	21.3	82.28	29631	2.76	9200	PL0830 80. - M - - - 10. B	215TC	21.0	19.7
	19.5	89.77	32329	2.19	9200	PL0830 90. - M - - - 10. B	215TC	20.9	19.6
	17.8	98.56	35494	2.33	9200	PL0830 100 - M - - - 10. B	215TC	20.8	19.5
	14.7	119.22	42936	1.95	9200	PL0830 112 - M - - - 10. B	215TC	20.6	19.3
	13.8	127.04	45754	1.83	9200	PL0830 125 - M - - - 10. B	215TC	20.5	19.2
	12.3	142.81	51432	1.41	9200	PL0830 140 - M - - - 10. B	215TC	20.4	19.1
	11.4	153.68	55348	1.53	9200	PL0830 160 - M - - - 10. B	215TC	20.3	19.0
	9.6	182.84	65850	1.30	9200	PL0830 180 - M - - - 10. B	215TC	20.2	18.9
	8.0	219.02	78879	0.95	9200	PL0830 225 - M - - - 10. B	215TC	20.0	18.7
	7.2	243.29	87619	1.00	9200	PL0840 250 - M - - - 10. B	215TC	15.6	14.7
	5.9	294.93	106216	0.83	9200	PL0840 315 - M - - - 10. B	215TC	15.4	14.5
	23.4	74.94	26989	3.72	9200	PL1230 71. - M - - - 10. B	215TC	22.4	21.0
	21.3	82.28	29631	3.41	9200	PL1230 80. - M - - - 10. B	215TC	22.3	20.9
	19.5	89.77	32329	2.79	9200	PL1230 90. - M - - - 10. B	215TC	22.2	20.8
	17.8	98.56	35494	2.88	9200	PL1230 100 - M - - - 10. B	215TC	22.1	20.7
	14.7	119.22	42936	2.41	9200	PL1230 112 - M - - - 10. B	215TC	21.8	20.5
	13.8	127.04	45754	2.27	9200	PL1230 125 - M - - - 10. B	215TC	21.8	20.5
	12.3	142.81	51432	1.80	9200	PL1230 140 - M - - - 10. B	215TC	21.6	20.4
	11.4	153.68	55348	1.90	9200	PL1230 160 - M - - - 10. B	215TC	21.6	20.3
	9.6	182.84	65850	1.61	9200	PL1230 180 - M - - - 10. B	215TC	21.4	20.1
	8.0	219.02	78879	1.21	9200	PL1230 225 - M - - - 10. B	215TC	21.2	19.9
	7.4	237.30	85463	0.81	9200	PL1230 250 - M - - - 10. B	215TC	21.1	19.8

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
10 HP **4 - Pole**	7.2	243.29	87619	1.23	9200	PL1240 250 - M - - - 10. B	215TC	16.6	15.6
	5.9	294.93	106216	1.03	9200	PL1240 315 - M - - - 10. B	215TC	16.3	15.4
	5.5	319.96	115233	0.96	9200	PL1240 360 - M - - - 10. B	215TC	15.8	14.9
	4.5	387.05	139394	0.80	9200	PL1240 400 - M - - - 10. B	215TC	15.4	14.5
	20.0	87.52	31519	4.72	12100	PL1630 90. - M - - - 10. B	215TC	38.6	26.6
	16.5	105.87	38128	3.95	12100	PL1630 100 - M - - - 10. B	215TC	38.2	26.4
	16.0	109.16	39315	3.00	12100	PL1630 112 - M - - - 10. B	215TC	38.2	26.3
	13.8	126.82	45673	3.33	12100	PL1630 125 - M - - - 10. B	215TC	37.9	26.1
	12.9	135.14	48670	3.14	12100	PL1630 140 - M - - - 10. B	215TC	37.8	26.0
	10.7	163.48	58875	2.63	12100	PL1630 160 - M - - - 10. B	215TC	37.4	25.8
	9.0	194.50	70046	2.23	12100	PL1630 200 - M - - - 10. B	215TC	37.1	25.6
	8.6	203.91	73435	1.67	12100	PL1630 225 - M - - - 10. B	215TC	37.0	25.5
	7.2	242.60	87369	1.42	12100	PL1630 250 - M - - - 10. B	215TC	36.7	25.3
	8.2	213.48	76884	2.05	12100	PL1640 225 - M - - - 10. B	215TC	28.6	20.0
	6.8	258.79	93203	1.71	12100	PL1640 280 - M - - - 10. B	215TC	28.6	20.0
	5.6	313.72	112985	1.43	12100	PL1640 315 - M - - - 10. B	215TC	26.3	18.4
	5.1	340.35	122576	1.32	12100	PL1640 360 - M - - - 10. B	215TC	26.0	18.2
	4.3	411.72	148277	1.11	12100	PL1640 400 - M - - - 10. B	215TC	26.0	18.2
	3.5	499.10	179748	0.92	12100	PL1640 500 - M - - - 10. B	215TC	25.9	18.1
	3.2	542.62	195421	0.85	12100	PL1640 560 - M - - - 10. B	215TC	25.8	18.0
	8.5	206.43	74344	2.98	18000	PL2540 200 - M - - - 10. B	215TC	-	21.1
	7.0	250.24	90123	2.49	18000	PL2540 250 - M - - - 10. B	215TC	-	20.9
	5.8	299.76	107954	2.10	18000	PL2540 280 - M - - - 10. B	215TC	-	19.6
	5.3	329.11	118525	1.93	18000	PL2540 315 - M - - - 10. B	215TC	-	19.1
	4.9	359.06	129314	1.78	18000	PL2540 360 - M - - - 10. B	215TC	-	19.0
	4.4	398.11	143377	1.61	18000	PL2540 400 - M - - - 10. B	215TC	-	19.0
	3.7	476.88	171746	1.36	18000	PL2540 450 - M - - - 10. B	215TC	-	18.9
	3.4	508.18	183016	1.28	18000	PL2540 500 - M - - - 10. B	215TC	-	18.8
	2.8	614.73	221391	1.07	18000	PL2540 630 - M - - - 10. B	215TC	-	18.7
	2.4	731.37	263398	0.91	18000	PL2540 710 - M - - - 10. B	215TC	-	18.6
	2.2	784.69	282599	0.85	18000	PL2540 800 - M - - - 10. B	215TC	-	18.6
	6.3	277.76	100034	3.72	25000	PL4040 280 - M - - - 10. B	215TC	-	25.8
	5.3	332.72	119827	3.14	25000	PL4040 315 - M - - - 10. B	215TC	-	24.6
	4.8	365.30	131560	2.88	25000	PL4040 360 - M - - - 10. B	215TC	-	24.6
	4.0	441.89	159145	2.41	25000	PL4040 400 - M - - - 10. B	215TC	-	24.4
	3.8	455.64	164096	2.34	25000	PL4040 450 - M - - - 10. B	215TC	-	24.4
	3.3	529.33	190633	2.04	25000	PL4040 500 - M - - - 10. B	215TC	-	24.3
	3.1	564.07	203143	1.92	25000	PL4040 560 - M - - - 10. B	215TC	-	24.3
	2.6	682.34	245738	1.60	25000	PL4040 630 - M - - - 10. B	215TC	-	24.1
	2.4	715.45	257664	1.14	25000	PL4040 710 - M - - - 10. B	215TC	-	24.1
	2.1	851.09	306512	1.30	25000	PL4040 800 - M - - - 10. B	215TC	-	24.0
	2.0	865.46	311690	0.95	25000	PL4040 900 - M - - - 10. B	215TC	-	24.0
	1.7	1012.58	364671	1.11	25000	PL4040 10C - M - - - 10. B	215TC	-	23.9
	1.5	1188.59	428060	0.95	25000	PL4040 12C - M - - - 10. B	215TC	-	23.8
	1.2	1414.11	509281	0.81	25000	PL4040 14C - M - - - 10. B	215TC	-	23.6
15 HP **4 - Pole**	480.4	3.64	1968	7.53	1263	PL0310 3.6 - M - - - 15. B	254TC	36.6	35.0
	401.0	4.36	2357	6.53	1513	PL0310 4.5 - M - - - 15. B	254TC	34.0	32.6
	311.1	5.63	3039	5.00	1950	PL0310 5.6 - M - - - 15. B	254TC	30.9	29.7
	261.5	6.69	3615	3.16	2320	PL0310 7.1 - M - - - 15. B	254TC	29.2	27.9
	480.4	3.64	1968	10.84	1263	PL0510 3.6 - M - - - 15. B	254TC	37.7	36.2
	401.0	4.36	2357	9.15	1513	PL0510 4.5 - M - - - 15. B	254TC	35.1	33.7
	311.1	5.63	3039	7.39	1950	PL0510 5.6 - M - - - 15. B	254TC	31.9	30.6
	261.5	6.69	3615	4.86	2320	PL0510 7.1 - M - - - 15. B	254TC	30.1	28.9
	71.8	24.38	13170	4.42	9200	PL0820 25. - M - - - 15. B	254TC	33.4	31.2
	59.9	29.20	15776	3.81	9200	PL0820 28. - M - - - 15. B	254TC	32.6	30.5
	55.3	31.64	17093	2.66	9200	PL0820 32. - M - - - 15. B	254TC	32.2	30.2
	46.5	37.64	20336	2.26	9200	PL0820 36. - M - - - 15. B	254TC	31.5	29.5
	39.1	44.79	24194	1.63	9200	PL0820 45. - M - - - 15. B	254TC	30.8	28.8
	59.9	29.20	15776	4.71	9200	PL1220 28. - M - - - 15. B	254TC	34.1	32.0
	55.3	31.64	17093	3.55	9200	PL1220 32. - M - - - 15. B	254TC	33.7	31.7
	46.5	37.64	20336	3.02	9200	PL1220 36. - M - - - 15. B	254TC	33.0	31.0
	39.1	44.79	24194	2.17	9200	PL1220 45. - M - - - 15. B	254TC	32.2	30.3
	46.1	37.97	20511	3.33	12100	PL1620 36. - M - - - 15. B	254TC	58.3	40.1
	38.7	45.17	24403	2.83	12100	PL1620 45. - M - - - 15. B	254TC	57.0	39.2

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
15 HP **4 - Pole**	17.9	97.52	52680	4.01	18000	PL2530 90. - M - - - 15. B	254TC	-	28.7
	16.4	106.55	57562	2.79	18000	PL2530 100 - M - - - 15. B	254TC	-	28.6
	15.0	116.81	63103	3.39	18000	PL2530 112 - M - - - 15. B	254TC	-	28.4
	13.8	126.56	68371	3.14	18000	PL2530 125 - M - - - 15. B	254TC	-	28.3
	11.6	150.58	81344	2.67	18000	PL2530 140 - M - - - 15. B	254TC	-	28.1
	10.6	164.53	88882	1.86	18000	PL2530 160 - M - - - 15. B	254TC	-	27.9
	9.8	179.15	96778	2.27	18000	PL2530 180 - M - - - 15. B	254TC	-	27.8
	8.9	195.75	105747	1.58	18000	PL2530 200 - M - - - 15. B	254TC	-	27.7
	7.5	232.89	125811	1.34	18000	PL2530 250 - M - - - 15. B	254TC	-	27.4
	6.3	279.92	151216	0.85	18000	PL2530 280 - M - - - 15. B	254TC	-	27.2
	13.0	135.01	72934	4.88	25000	PL4030 125 - M - - - 15. B	254TC	-	36.1
	12.2	143.93	77755	3.41	25000	PL4030 140 - M - - - 15. B	254TC	-	36.0
	11.0	158.48	85612	4.20	25000	PL4030 160 - M - - - 15. B	254TC	-	35.8
	9.3	188.55	101856	3.57	25000	PL4030 180 - M - - - 15. B	254TC	-	35.5
	8.7	201.01	108589	2.49	25000	PL4030 200 - M - - - 15. B	254TC	-	35.4
	7.3	239.15	129193	2.12	25000	PL4030 250 - M - - - 15. B	254TC	-	35.1
	6.2	280.72	151648	1.53	25000	PL4030 280 - M - - - 15. B	254TC	-	34.8
	6.6	265	143370	4.23	54000	PL6540 280 - M - - - 15. B	254TC	-	34.9
	5.5	318	171738	3.73	54000	PL6540 315 - M - - - 15. B	254TC	-	34.7
	5.1	342	184813	3.54	54000	PL6540 360 - M - - - 15. B	254TC	-	34.7
	4.3	407	219880	3.08	54000	PL6540 400 - M - - - 15. B	254TC	-	34.5
	3.9	445	240257	2.83	54000	PL6540 450 - M - - - 15. B	254TC	-	34.4
	3.6	488	263386	2.60	54000	PL6540 500 - M - - - 15. B	254TC	-	34.3
	3.3	528	285373	2.41	54000	PL6540 560 - M - - - 15. B	254TC	-	34.2
	2.8	628	339521	2.05	54000	PL6540 630 - M - - - 15. B	254TC	-	34.1
	2.5	687	370985	1.88	54000	PL6540 710 - M - - - 15. B	254TC	-	34.0
	2.1	817	441377	1.60	54000	PL6540 800 - M - - - 15. B	254TC	-	33.8
	1.8	972	525126	1.36	54000	PL6540 10C - M - - - 15. B	254TC	-	33.7
	1.5	1168	631161	1.15	54000	PL6540 12C - M - - - 15. B	254TC	-	33.5
	1.3	1355	732202	0.84	54000	PL6540 14C - M - - - 15. B	254TC	-	33.4
20 HP **4 - Pole**	480.4	3.64	2624	5.65	1263	PL0310 3.6 - M - - - 20. B	256TC	36.6	35.0
	401.0	4.36	3143	4.90	1513	PL0310 4.5 - M - - - 20. B	256TC	34.0	32.6
	311.1	5.63	4052	3.75	1950	PL0310 5.6 - M - - - 20. B	256TC	30.9	29.7
	261.5	6.69	4820	2.37	2320	PL0310 7.1 - M - - - 20. B	256TC	29.2	27.9
	480.4	3.64	2624	8.13	1263	PL0510 3.6 - M - - - 20. B	256TC	37.7	36.2
	401.0	4.36	3143	6.86	1513	PL0510 4.5 - M - - - 20. B	256TC	35.1	33.7
	311.1	5.63	4052	5.54	1950	PL0510 5.6 - M - - - 20. B	256TC	31.9	30.6
	261.5	6.69	4820	3.65	2320	PL0510 7.1 - M - - - 20. B	256TC	30.1	28.9
	131.9	13.27	9558	5.07	5373	PL0820 14. - M - - - 20. B	256TC	36.4	34.1
	110.1	15.90	11450	4.47	6437	PL0820 16. - M - - - 20. B	256TC	35.4	33.2
	91.9	19.04	13715	3.85	7710	PL0820 20. - M - - - 20. B	256TC	34.5	32.3
	85.4	20.49	14759	3.74	8297	PL0820 22. - M - - - 20. B	256TC	34.2	32.0
	71.8	24.38	17560	3.31	9200	PL0820 25. - M - - - 20. B	256TC	33.4	31.2
	59.9	29.20	21034	2.86	9200	PL0820 28. - M - - - 20. B	256TC	32.6	30.5
	55.3	31.64	22790	2.00	9200	PL0820 32. - M - - - 20. B	256TC	32.2	30.2
	46.5	37.64	27115	1.70	9200	PL0820 36. - M - - - 20. B	256TC	31.5	29.5
	39.1	44.79	32259	1.22	9200	PL0820 45. - M - - - 20. B	256TC	30.8	28.8
	71.8	24.38	17560	4.10	9200	PL1220 25. - M - - - 20. B	256TC	34.9	32.8
	59.9	29.20	21034	3.53	9200	PL1220 28. - M - - - 20. B	256TC	34.1	32.0
	55.3	31.64	22790	2.66	9200	PL1220 32. - M - - - 20. B	256TC	33.7	31.7
	46.5	37.64	27115	2.26	9200	PL1220 36. - M - - - 20. B	256TC	33.0	31.0
	39.1	44.79	32259	1.63	9200	PL1220 45. - M - - - 20. B	256TC	32.2	30.3
	54.1	32.35	23298	4.66	12100	PL1620 32. - M - - - 20. B	256TC	59.6	41.0
	46.1	37.97	27348	2.50	12100	PL1620 36. - M - - - 20. B	256TC	58.3	40.1
	38.7	45.17	32537	2.12	12100	PL1620 45. - M - - - 20. B	256TC	57.0	39.2
	27.5	63.6	45799	4.50	18000	PL2530 63. - M - - - 20. B	256TC	-	29.4
	23.0	76.17	54861	3.80	18000	PL2530 71. - M - - - 20. B	256TC	-	29.1
	21.4	81.96	59038	3.54	18000	PL2530 80. - M - - - 20. B	256TC	-	29.0
	17.9	97.52	70240	3.01	18000	PL2530 90. - M - - - 20. B	256TC	-	28.7
	16.4	106.55	76749	2.10	18000	PL2530 100 - M - - - 20. B	256TC	-	28.6
	15.0	116.81	84137	2.54	18000	PL2530 112 - M - - - 20. B	256TC	-	28.5
	13.8	126.56	91161	2.36	18000	PL2530 125 - M - - - 20. B	256TC	-	28.3
	11.6	150.58	108458	2.00	18000	PL2530 140 - M - - - 20. B	256TC	-	28.1
	10.6	164.53	118509	1.39	18000	PL2530 160 - M - - - 20. B	256TC	-	28.0
	9.8	179.15	129037	1.70	18000	PL2530 180 - M - - - 20. B	256TC	-	27.8
	8.9	195.75	140996	1.19	18000	PL2530 200 - M - - - 20. B	256TC	-	27.7
	7.5	232.89	167749	1.01	18000	PL2530 250 - M - - - 20. B	256TC	-	27.5

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
20 HP	7.9	221.6	159585	3.47	54000	PL6540 225 - M - - - 20. B	256TC	-	36.9
	6.6	265.4	191160	3.05	54000	PL6540 280 - M - - - 20. B	256TC	-	34.9
	5.5	317.9	228983	2.69	54000	PL6540 315 - M - - - 20. B	256TC	-	34.7
4 - Pole	5.1	342.1	246418	2.56	54000	PL6540 360 - M - - - 20. B	256TC	-	34.7
	4.3	407.0	293174	2.26	54000	PL6540 400 - M - - - 20. B	256TC	-	34.5
	3.9	444.7	320343	2.12	54000	PL6540 450 - M - - - 20. B	256TC	-	34.4
	3.6	487.6	351181	1.95	54000	PL6540 500 - M - - - 20. B	256TC	-	34.3
	3.3	528.3	380498	1.81	54000	PL6540 560 - M - - - 20. B	256TC	-	34.2
	2.8	628.5	452695	1.54	54000	PL6540 630 - M - - - 20. B	256TC	-	34.1
	2.5	686.7	494647	1.41	54000	PL6540 710 - M - - - 20. B	256TC	-	34.0
	2.1	817.0	588503	1.20	54000	PL6540 800 - M - - - 20. B	256TC	-	33.8
	1.8	972.1	700168	1.02	54000	PL6540 10C - M - - - 20. B	256TC	-	33.7
	1.5	1168.4	841548	0.86	54000	PL6540 12C - M - - - 20. B	256TC	-	33.5
	1.3	1355.4	976269	0.63	54000	PL6540 14C - M - - - 20. B	256TC	-	33.4
	1.1	1642.2	1182842	0.41	54000	PL6540 16C - M - - - 20. B	256TC	-	33.2
25 HP	131.9	13.27	11948	4.06	5373	PL0820 14. - M - - - 25. B	284TC	36.4	34.1
	110.1	15.90	14312	3.57	6437	PL0820 16. - M - - - 25. B	284TC	35.4	33.2
	91.9	19.04	17144	3.08	7710	PL0820 20. - M - - - 25. B	284TC	34.5	32.3
4 - Pole	85.4	20.49	18449	2.99	8297	PL0820 22. - M - - - 25. B	284TC	34.2	32.0
	71.8	24.38	21950	2.65	9200	PL0820 25. - M - - - 25. B	284TC	33.4	31.2
	59.9	29.20	26293	2.28	9200	PL0820 28. - M - - - 25. B	284TC	32.6	30.5
	55.3	31.64	28488	1.60	9200	PL0820 32. - M - - - 25. B	284TC	32.2	30.2
	46.5	37.64	33893	1.36	9200	PL0820 36. - M - - - 25. B	284TC	31.5	29.5
	39.1	44.79	40324	0.98	9200	PL0820 45. - M - - - 25. B	284TC	30.8	28.8
	91.9	19.04	17144	3.81	7710	PL1220 20. - M - - - 25. B	284TC	36.2	34.0
	85.4	20.49	18449	3.70	8297	PL1220 22. - M - - - 25. B	284TC	35.8	33.6
	71.8	24.38	21950	3.28	9200	PL1220 25. - M - - - 25. B	284TC	34.9	32.8
	59.9	29.20	26293	2.83	9200	PL1220 28. - M - - - 25. B	284TC	34.1	32.0
	55.3	31.64	28488	2.13	9200	PL1220 32. - M - - - 25. B	284TC	33.7	31.7
	46.5	37.64	33893	1.81	9200	PL1220 36. - M - - - 25. B	284TC	33.0	31.0
	39.1	44.79	40324	1.30	9200	PL1220 45. - M - - - 25. B	284TC	32.2	30.3
	54.1	32.35	29123	3.73	12100	PL1620 32. - M - - - 25. B	284TC	59.6	41.0
	46.1	37.97	34185	2.00	12100	PL1620 36. - M - - - 25. B	284TC	58.3	40.1
	38.7	45.17	40672	1.70	12100	PL1620 45. - M - - - 25. B	284TC	57.0	39.2
	33.0	53.08	47792	4.26	18000	PL2530 56. - M - - - 25. B	284TC	-	29.6
	27.5	63.58	57249	3.60	18000	PL2530 63. - M - - - 25. B	284TC	-	29.4
	23.0	76.17	68576	3.04	18000	PL2530 71. - M - - - 25. B	284TC	-	29.1
	21.4	81.96	73797	2.83	18000	PL2530 80. - M - - - 25. B	284TC	-	29.0
	17.9	97.52	87799	2.41	18000	PL2530 90. - M - - - 25. B	284TC	-	28.7
	16.4	106.55	95936	1.68	18000	PL2530 100 - M - - - 25. B	284TC	-	28.6
	15.0	116.81	105171	2.03	18000	PL2530 112 - M - - - 25. B	284TC	-	28.4
	13.8	126.56	113951	1.89	18000	PL2530 125 - M - - - 25. B	284TC	-	28.3
	11.6	150.58	135573	1.60	18000	PL2530 140 - M - - - 25. B	284TC	-	28.1
	10.6	164.53	148136	1.12	18000	PL2530 160 - M - - - 25. B	284TC	-	27.9
	9.8	179.15	161297	1.36	18000	PL2530 180 - M - - - 25. B	284TC	-	27.8
	8.9	195.75	176244	0.95	18000	PL2530 200 - M - - - 25. B	284TC	-	27.7
	7.5	232.89	209686	0.81	18000	PL2530 250 - M - - - 25. B	284TC	-	27.4
	23.4	74.73	67285	3.78	25000	PL4030 80. - M - - - 25. B	284TC	-	37.2
	19.2	90.98	81913	4.24	25000	PL4030 90. - M - - - 25. B	284TC	-	36.9
	16.2	108.24	97455	3.60	25000	PL4030 100 - M - - - 25. B	284TC	-	36.5
	15.4	113.48	102171	3.45	25000	PL4030 112 - M - - - 25. B	284TC	-	36.4
	13.0	135.01	121557	2.93	25000	PL4030 125 - M - - - 25. B	284TC	-	36.1
	12.2	143.93	129591	2.05	25000	PL4030 140 - M - - - 25. B	284TC	-	36.0
	11.0	158.48	142687	2.52	25000	PL4030 160 - M - - - 25. B	284TC	-	35.8
	9.3	188.55	169760	2.14	25000	PL4030 180 - M - - - 25. B	284TC	-	35.5
	8.7	201.01	180981	1.50	25000	PL4030 200 - M - - - 25. B	284TC	-	35.4
	7.3	239.15	215321	1.27	25000	PL4030 250 - M - - - 25. B	284TC	-	35.1
	6.2	280.72	252746	0.92	25000	PL4030 280 - M - - - 25. B	284TC	-	34.8
	7.9	221.56	199481	3.26	54000	PL6540 225 - M - - - 25. B	284TC	-	36.9
	6.6	265.40	238950	2.76	54000	PL6540 280 - M - - - 25. B	284TC	-	34.9
	5.5	317.91	286229	2.33	54000	PL6540 315 - M - - - 25. B	284TC	-	34.7
	5.1	342.11	308022	2.17	54000	PL6540 360 - M - - - 25. B	284TC	-	34.7
	4.3	407.03	366467	1.85	54000	PL6540 400 - M - - - 25. B	284TC	-	34.5
	3.9	444.75	400429	1.70	54000	PL6540 450 - M - - - 25. B	284TC	-	34.4
	3.6	487.56	438977	1.56	54000	PL6540 500 - M - - - 25. B	284TC	-	34.3
	3.3	528.26	475622	1.45	54000	PL6540 560 - M - - - 25. B	284TC	-	34.2
	2.8	628.49	565868	1.23	54000	PL6540 630 - M - - - 25. B	284TC	-	34.1
	2.5	686.74	618309	1.13	54000	PL6540 710 - M - - - 25. B	284TC	-	34.0
	2.1	817.04	735629	0.96	54000	PL6540 800 - M - - - 25. B	284TC	-	33.8

PL MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
30 HP	131.9	13.27	14338	3.18	5373	PL0820 14. - M - - - 30. B	286TC	36.4	34.1
	110.1	15.90	17175	2.80	6437	PL0820 16. - M - - - 30. B	286TC	35.4	33.2
	91.9	19.04	20573	2.47	7710	PL0820 20. - M - - - 30. B	286TC	34.5	32.3
	85.4	20.49	22139	2.35	8297	PL0820 22. - M - - - 30. B	286TC	34.2	32.0
	71.8	24.38	26340	2.08	9200	PL0820 25. - M - - - 30. B	286TC	33.4	31.2
	59.9	29.20	31551	1.83	9200	PL0820 28. - M - - - 30. B	286TC	32.6	30.5
	55.3	31.64	34185	1.33	9200	PL0820 32. - M - - - 30. B	286TC	32.2	30.2
	46.5	37.64	40672	1.13	9200	PL0820 36. - M - - - 30. B	286TC	31.5	29.5
	39.1	44.79	48389	0.81	9200	PL0820 45. - M - - - 30. B	286TC	30.8	28.8
	33.9	51.61	55758	1.23	9200	PL0820 56. - M - - - 30. B	286TC	21.5	20.1
4 - Pole	131.9	13.27	14338	3.94	5373	PL1220 14. - M - - - 30. B	286TC	38.1	35.8
	110.1	15.90	17175	3.47	6437	PL1220 16. - M - - - 30. B	286TC	37.1	34.9
	91.9	19.04	20573	3.06	7710	PL1220 20. - M - - - 30. B	286TC	36.2	34.0
	85.4	20.49	22139	2.91	8297	PL1220 22. - M - - - 30. B	286TC	35.8	33.6
	71.8	24.38	26340	2.57	9200	PL1220 25. - M - - - 30. B	286TC	34.9	32.8
	59.9	29.20	31551	2.27	9200	PL1220 28. - M - - - 30. B	286TC	34.1	32.0
	55.3	31.64	34185	1.78	9200	PL1220 32. - M - - - 30. B	286TC	33.7	31.7
	46.5	37.64	40672	1.51	9200	PL1220 36. - M - - - 30. B	286TC	33.0	31.0
	39.1	44.79	48389	1.08	9200	PL1220 45. - M - - - 30. B	286TC	32.2	30.3
	33.9	51.61	55758	1.52	9200	PL1220 56. - M - - - 30. B	286TC	22.8	21.4
	28.0	62.56	67592	1.33	9200	PL1220 63. - M - - - 30. B	286TC	22.6	21.2
	23.4	74.94	80966	1.17	9200	PL1220 71. - M - - - 30. B	286TC	22.4	21.0
	21.3	82.28	88894	1.10	9200	PL1220 80. - M - - - 30. B	286TC	22.2	20.9
	19.5	89.77	96986	0.93	9200	PL1220 90. - M - - - 30. B	286TC	22.1	20.8
	80.3	21.80	23550	4.33	12100	PL1620 22. - M - - - 30. B	286TC	63.0	43.3
	67.5	25.93	28018	3.84	12100	PL1620 25. - M - - - 30. B	286TC	61.5	42.3
	64.4	27.19	29374	3.51	12100	PL1620 28. - M - - - 30. B	286TC	61.1	42.0
	54.1	32.35	34948	3.11	12100	PL1620 32. - M - - - 30. B	286TC	59.6	41.0
	46.1	37.97	41022	1.66	12100	PL1620 36. - M - - - 30. B	286TC	58.3	40.1
	38.7	45.17	48806	1.41	12100	PL1620 45. - M - - - 30. B	286TC	57.0	39.2
	33.0	53.08	57351	3.55	18000	PL2530 56. - M - - - 30. B	286TC	-	29.6
	27.5	63.58	68698	3.00	18000	PL2530 63. - M - - - 30. B	286TC	-	29.4
	23.0	76.17	82291	2.53	18000	PL2530 71. - M - - - 30. B	286TC	-	29.1
	21.4	81.96	88556	2.36	18000	PL2530 80. - M - - - 30. B	286TC	-	29.0
	17.9	97.52	105359	2.01	18000	PL2530 90. - M - - - 30. B	286TC	-	28.7
	16.4	106.55	115123	1.40	18000	PL2530 100 - M - - - 30. B	286TC	-	28.6
	15.0	116.81	126206	1.69	18000	PL2530 112 - M - - - 30. B	286TC	-	28.4
	13.8	126.56	136741	1.57	18000	PL2530 125 - M - - - 30. B	286TC	-	28.3
	11.6	150.58	162687	1.34	18000	PL2530 140 - M - - - 30. B	286TC	-	28.1
	10.6	164.53	177764	0.93	18000	PL2530 160 - M - - - 30. B	286TC	-	27.9
	9.8	179.15	193556	1.14	18000	PL2530 180 - M - - - 30. B	286TC	-	27.8
	24.8	70.58	76253	4.48	25000	PL4030 71. - M - - - 30. B	286TC	-	37.4
	23.4	74.73	80743	3.15	25000	PL4030 80. - M - - - 30. B	286TC	-	37.2
	19.2	90.98	98295	3.53	25000	PL4030 90. - M - - - 30. B	286TC	-	36.9
	16.2	108.24	116946	3.00	25000	PL4030 100 - M - - - 30. B	286TC	-	36.5
	15.4	113.48	122605	2.87	25000	PL4030 112 - M - - - 30. B	286TC	-	36.4
	13.0	135.01	145868	2.44	25000	PL4030 125 - M - - - 30. B	286TC	-	36.1
	12.2	143.93	155510	1.70	25000	PL4030 140 - M - - - 30. B	286TC	-	36.0
	11.0	158.48	171224	2.10	25000	PL4030 160 - M - - - 30. B	286TC	-	35.8
	9.3	188.55	203713	1.78	25000	PL4030 180 - M - - - 30. B	286TC	-	35.5
	8.7	201.01	217177	1.25	25000	PL4030 200 - M - - - 30. B	286TC	-	35.4
	7.3	239.15	258385	1.06	25000	PL4030 250 - M - - - 30. B	286TC	-	35.1
	7.9	221.56	239377	2.72	54000	PL6540 225 - M - - - 30. B	286TC	-	36.9
	6.6	265.40	286740	2.30	54000	PL6540 280 - M - - - 30. B	286TC	-	34.9
	5.5	317.91	343475	1.94	54000	PL6540 315 - M - - - 30. B	286TC	-	34.7
	5.1	342.11	369626	1.81	54000	PL6540 360 - M - - - 30. B	286TC	-	34.7
	4.3	407.03	439761	1.54	54000	PL6540 400 - M - - - 30. B	286TC	-	34.5
	3.9	444.75	480514	1.42	54000	PL6540 450 - M - - - 30. B	286TC	-	34.4
	3.6	487.56	526772	1.30	54000	PL6540 500 - M - - - 30. B	286TC	-	34.3
	3.3	528.26	570747	1.20	54000	PL6540 560 - M - - - 30. B	286TC	-	34.2
	2.8	628.49	679042	1.02	54000	PL6540 630 - M - - - 30. B	286TC	-	34.1
	2.5	686.74	741970	0.94	54000	PL6540 710 - M - - - 30. B	286TC	-	34.0
	2.1	817.04	882755	0.80	54000	PL6540 800 - M - - - 30. B	286TC	-	33.8

PL MOTORIZED RATINGS

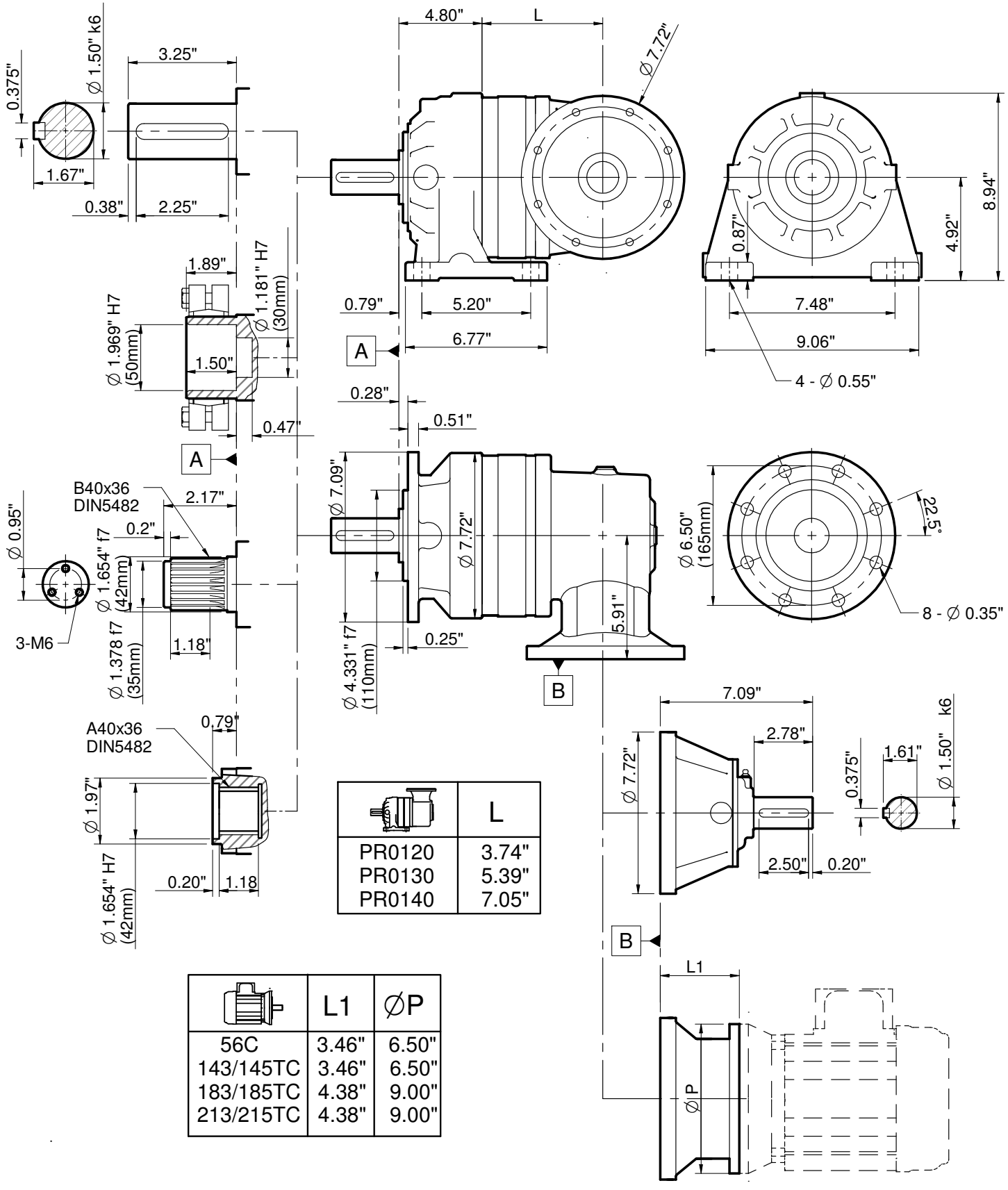
	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
40 HP	480.4	3.64	5248	6.26	1475	PL0810 3.6 - M - - - 40. B	324TC	54.1	50.3
	401.0	4.36	6286	5.40	1767	PL0810 4.5 - M - - - 40. B	324TC	50.2	46.6
	311.1	5.63	8103	4.39	2278	PL0810 5.6 - M - - - 40. B	324TC	45.6	42.3
4 - Pole	261.5	6.69	9641	3.62	2710	PL0810 7.1 - M - - - 40. B	324TC	42.9	39.8
	480.4	3.64	5248	7.75	1475	PL1210 3.6 - M - - - 40. B	324TC	55.8	51.9
	401.0	4.36	6286	6.68	1767	PL1210 4.5 - M - - - 40. B	324TC	51.7	48.2
	311.1	5.63	8103	5.44	2278	PL1210 5.6 - M - - - 40. B	324TC	47.0	43.7
	261.5	6.69	9641	4.77	2710	PL1210 7.1 - M - - - 40. B	324TC	44.2	41.1
	451.6	3.88	5582	10.89	2181	PL1610 4.0 - M - - - 40. B	324TC	103.1	70.1
	362.1	4.83	6963	8.82	2720	PL1610 5.0 - M - - - 40. B	324TC	94.3	64.1
	259.3	6.75	9724	6.29	3798	PL1610 7.1 - M - - - 40. B	324TC	83.6	56.8
	120.1	14.57	20991	6.61	9086	PL2520 14. - M - - - 40. B	324TC	-	50.1
	100.3	17.45	25144	5.82	10884	PL2520 18. - M - - - 40. B	324TC	-	48.7
	77.8	22.50	32413	4.87	14030	PL2520 22. - M - - - 40. B	324TC	-	46.9
	65.4	26.77	38563	4.32	16693	PL2520 25. - M - - - 40. B	324TC	-	45.8
	59.8	29.25	42137	3.52	18000	PL2520 28. - M - - - 40. B	324TC	-	45.2
	50.3	34.80	50132	2.99	18000	PL2520 32. - M - - - 40. B	324TC	-	44.1
	49.8	35.16	50645	2.24	18000	PL2520 36. - M - - - 40. B	324TC	-	44.1
	41.8	41.83	60254	1.90	18000	PL2520 40. - M - - - 40. B	324TC	-	43.0
	58.3	30.04	43268	4.66	25000	PL4020 32. - M - - - 40. B	324TC	-	58.3
	49.0	35.74	51479	4.72	25000	PL4020 36. - M - - - 40. B	324TC	-	56.9
	41.7	41.95	60427	3.41	25000	PL4020 45. - M - - - 40. B	324TC	-	55.7
	20.7	84.5	121752	4.23	54000	PL6530 80. - M - - - 40. B	324TC	-	51.0
	18.6	93.9	135288	4.56	54000	PL6530 90. - M - - - 40. B	324TC	-	50.7
	15.7	111.7	160958	3.87	54000	PL6530 100 - M - - - 40. B	324TC	-	50.3
	14.3	122.1	175874	3.56	54000	PL6530 112 - M - - - 40. B	324TC	-	50.0
	13.5	129.6	186726	2.83	54000	PL6530 125 - M - - - 40. B	324TC	-	49.9
	12.0	145.3	209246	3.03	54000	PL6530 140 - M - - - 40. B	324TC	-	49.6
	11.9	146.7	211388	3.00	54000	PL6530 160 - M - - - 40. B	324TC	-	49.5
	9.3	188.5	271617	2.37	54000	PL6530 180 - M - - - 40. B	324TC	-	48.9
	8.0	218.7	315099	1.74	54000	PL6530 225 - M - - - 40. B	324TC	-	48.5
	6.6	265.0	381773	1.13	54000	PL6530 250 - M - - - 40. B	324TC	-	48.1
50 HP	71.8	19.04	43900	0.75	1475	PL0810 3.6 - M - - - 40. B	326TC	54.1	50.3
	59.9	20.49	52586	0.65	1767	PL0810 4.5 - M - - - 40. B	326TC	50.2	46.6
	55.3	24.38	56976	0.62	2278	PL0810 5.6 - M - - - 40. B	326TC	45.6	42.3
4 - Pole	46.5	29.20	67786	0.52	2710	PL0810 7.1 - M - - - 40. B	326TC	42.9	39.8
	480.4	3.64	6560	6.20	1475	PL1210 3.6 - M - - - 40. B	326TC	55.8	51.9
	401.0	4.36	7858	5.34	1767	PL1210 4.5 - M - - - 40. B	326TC	51.7	48.2
	311.1	5.63	10129	4.35	2278	PL1210 5.6 - M - - - 40. B	326TC	47.0	43.7
	261.5	6.69	12051	3.82	2710	PL1210 7.1 - M - - - 40. B	326TC	44.2	41.1
	451.6	3.88	6978	8.71	2181	PL1610 4.0 - M - - - 40. B	326TC	103.1	70.1
	362.1	4.83	8703	7.06	2720	PL1610 5.0 - M - - - 40. B	326TC	94.3	64.1
	259.3	6.75	12155	5.04	3798	PL1610 7.1 - M - - - 40. B	326TC	83.6	56.8
	120.1	14.57	26239	5.29	9086	PL2520 14. - M - - - 40. B	326TC	-	50.1
	100.3	17.45	31431	4.66	10884	PL2520 18. - M - - - 40. B	326TC	-	48.7
	77.8	22.50	40516	3.90	14030	PL2520 22. - M - - - 40. B	326TC	-	46.9
	65.4	26.77	48204	3.45	16693	PL2520 25. - M - - - 40. B	326TC	-	45.8
	59.8	29.25	52671	2.81	18000	PL2520 28. - M - - - 40. B	326TC	-	45.2
	50.3	34.80	62665	2.39	18000	PL2520 32. - M - - - 40. B	326TC	-	44.1
	49.8	35.16	63306	1.79	18000	PL2520 36. - M - - - 40. B	326TC	-	44.1
	41.8	41.83	75318	1.52	18000	PL2520 40. - M - - - 40. B	326TC	-	43.0
	58.3	30.04	54086	3.73	25000	PL4020 32. - M - - - 40. B	326TC	-	58.3
	12.2	143.93	207346	1.28	25000	PL4030 140 - M - - - 40. B	326TC	-	36.0
	11.0	158.48	228299	1.58	25000	PL4030 160 - M - - - 40. B	326TC	-	35.8
	9.3	188.55	271617	1.34	25000	PL4030 180 - M - - - 40. B	326TC	-	35.5
	8.7	201.01	289570	0.93	25000	PL4030 200 - M - - - 40. B	326TC	-	35.4
	7.3	239.15	344514	0.79	25000	PL4030 250 - M - - - 40. B	326TC	-	35.1
	24.8	70.6	127052	4.01	54000	PL6530 63. - M - - - 40. B	326TC	-	74.4
	24.0	72.9	131188	4.63	54000	PL6530 71. - M - - - 40. B	326TC	-	74.6
	20.7	84.5	152190	3.39	54000	PL6530 80. - M - - - 40. B	326TC	-	74.7
	18.6	93.9	169110	3.65	54000	PL6530 90. - M - - - 40. B	326TC	-	74.9
	15.7	111.7	201198	3.10	54000	PL6530 100 - M - - - 40. B	326TC	-	75.1
	14.3	122.1	219843	2.85	54000	PL6530 112 - M - - - 40. B	326TC	-	0.0
	13.5	129.6	233407	2.27	54000	PL6530 125 - M - - - 40. B	326TC	-	51.9
	12.0	145.3	261557	2.42	54000	PL6530 140 - M - - - 40. B	326TC	-	51.5
	11.9	146.7	264234	2.40	54000	PL6530 160 - M - - - 40. B	326TC	-	51.4
	9.3	188.5	339521	1.90	54000	PL6530 180 - M - - - 40. B	326TC	-	51.0
	8.0	218.7	393874	1.39	54000	PL6530 225 - M - - - 40. B	326TC	-	50.7
	6.6	265.0	477216	0.90	54000	PL6530 250 - M - - - 40. B	326TC	-	50.3

NOTES

RIGHT ANGLE UNITS

SERIES PR

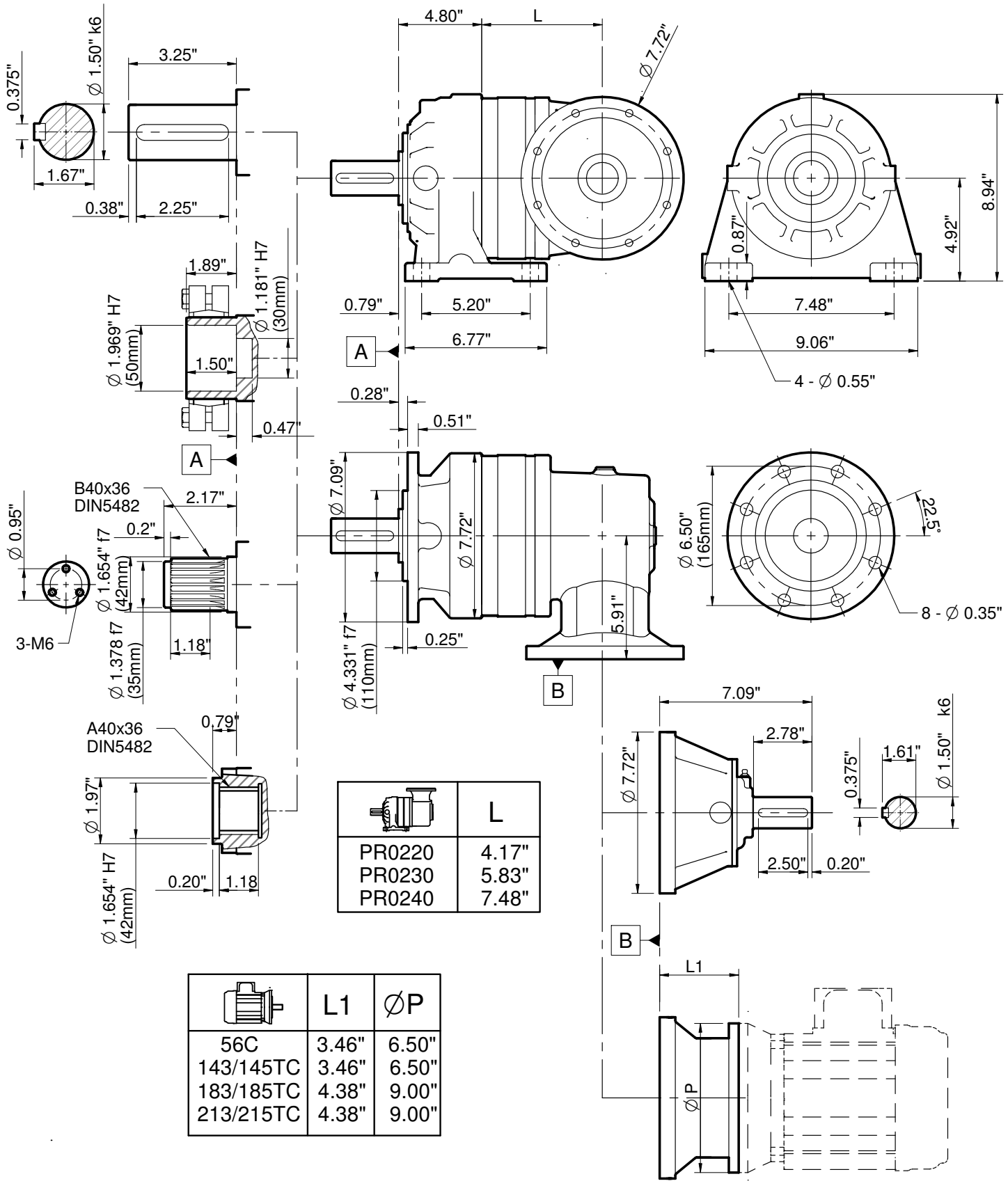
Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR0120	12.	12.26	11549	10832	10682	9824	8375	6802	3500	12.7	11.8
	14.	14.87	10797	9939	8726	7965	7292	6647		12.4	11.6
	18.	19.55	7921	6664	5841	5567	5089	4885		12.1	11.3
	22.	23.65	5691	4770	4266	4106	3735	3575		11.9	11.1
PR0130	45.	47.70	11549	10832	10682	9824	8375	6802	3500	10.7	10.0
	56.	57.82	11549	10832	10682	9824	8375	6802		10.6	9.9
	71.	70.09	10797	9939	8726	7965	7292	6647		10.5	9.8
	80.	76.04	11549	10832	10682	9824	8375	6802		10.5	9.8
	90.	91.99	11549	10832	10682	9824	8375	6802		10.4	9.7
	112	111.51	10797	9939	8726	7965	7292	6647		10.3	9.6
	125	121.23	7921	6664	5841	5567	5089	4885		10.3	9.6
	140	146.65	7921	6664	5841	5567	5089	4885		10.2	9.5
	160	177.40	5691	4770	4266	4106	3735	3575		10.1	9.5
PR0140	180	185.49	11549	10832	10682	9824	8375	6802	3500	9.8	9.2
	225	224.86	11549	10832	10682	9824	8375	6802		9.7	9.1
	250	272.58	11549	10832	10682	9824	8375	6802		9.6	9.1
	280	295.72	11549	10832	10682	9824	8375	6802		9.6	9.1
	315	330.44	10797	9939	8726	7965	7292	6647		9.6	9.0
	360	357.73	11549	10832	10682	9824	8375	6802		9.6	9.0
	400	433.65	11549	10832	10682	9824	8375	6802		9.5	9.0
	450	471.46	11549	10832	10682	9824	8375	6802		9.5	8.9
	500	525.69	10797	9939	8726	7965	7292	6647		9.5	8.9
	560	570.32	11549	10832	10682	9824	8375	6802		9.4	8.9
	710	689.90	11549	10832	10682	9824	8375	6802		9.4	8.8
	800	836.33	10797	9939	8726	7965	7292	6647		9.3	8.8
	900	909.25	7921	6664	5841	5567	5089	4885		9.3	8.8
	11C	1099.9	7921	6664	5841	5567	5089	4885		9.3	8.7
	13C	1330.5	5691	4770	4266	4106	3735	3575		9.2	8.7



	L
PR0120	3.74"
PR0130	5.39"
PR0140	7.05"

	L1	ØP
56C	3.46"	6.50"
143/145TC	3.46"	6.50"
183/185TC	4.38"	9.00"
213/215TC	4.38"	9.00"

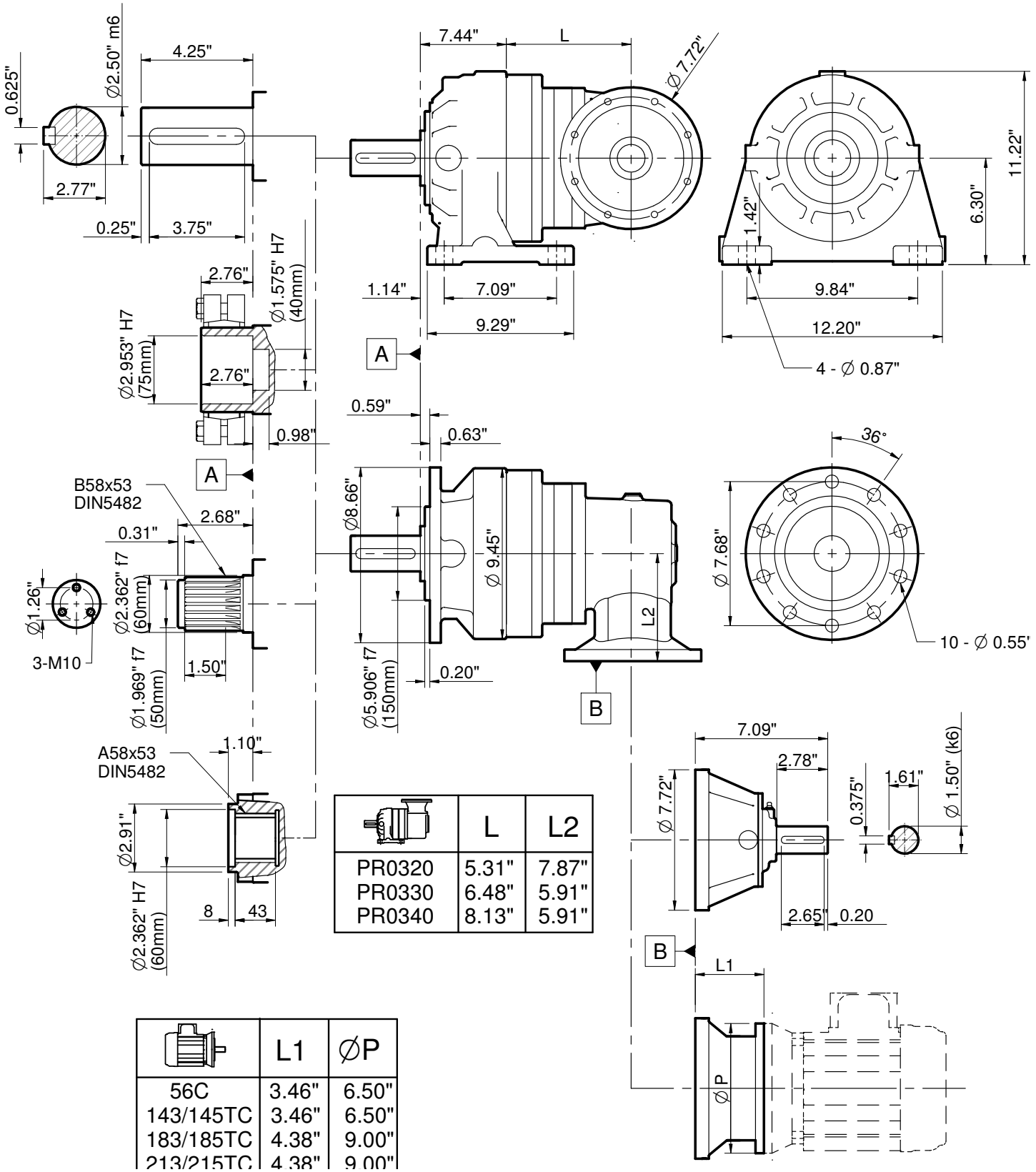
Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR0220	12.	12.26	13894	13894	13894	13894	13894	11658	3500	13.0	12.1
	14.	14.87	16843	16843	16187	14700	13479	11382		12.7	11.9
	18.	19.55	14647	12310	10788	10284	9408	9027		12.4	11.6
	22.	23.65	10514	8815	7885	7576	6903	6593		12.2	11.4
PR0230	45.	47.70	21222	19886	19603	18143	14352	11658	3500	11.3	10.6
	56.	57.82	21222	19886	19603	18143	14352	11658		11.2	10.5
	71.	70.09	19815	18355	16187	14700	13479	11382		11.1	10.4
	80.	76.04	21222	19886	19603	18143	14352	11658		11.1	10.4
	90.	91.99	21222	19886	19603	18143	14352	11658		11.0	10.3
	112	111.51	19815	18355	16187	14700	13479	11382		10.9	10.2
	125	121.23	14647	12310	10788	10284	9408	9027		10.9	10.2
	140	146.65	14647	12310	10788	10284	9408	9027		10.8	10.1
	160	177.40	10514	8815	7885	7576	6903	6593		10.7	10.0
PR0240	180	185.49	21222	19886	19603	18143	14352	11658	3500	10.0	9.4
	225	224.86	21222	19886	19603	18143	14352	11658		9.9	9.3
	250	272.58	21222	19886	19603	18143	14352	11658		9.8	9.3
	280	295.72	21222	19886	19603	18143	14352	11658		9.8	9.2
	315	330.44	19815	18355	16187	14700	13479	11382		9.8	9.2
	360	357.73	21222	19886	19603	18143	14352	11658		9.8	9.2
	400	433.65	21222	19886	19603	18143	14352	11658		9.7	9.1
	450	471.46	21222	19886	19603	18143	14352	11658		9.7	9.1
	500	525.69	19815	18355	16187	14700	13479	11382		9.7	9.1
	560	570.32	21222	19886	19603	18143	14352	11658		9.6	9.1
	710	689.90	21222	19886	19603	18143	14352	11658		9.6	9.0
	800	836.33	19815	18355	16187	14700	13479	11382		9.5	9.0
	900	909.25	14647	12310	10788	10284	9408	9027		9.5	8.9
	11C	1099.90	14647	12310	10788	10284	9408	9027		9.4	8.9
	13C	1330.53	10514	8815	7885	7576	6903	6593		9.4	8.8



	L
PR0220	4.17"
PR0230	5.83"
PR0240	7.48"

	L1	ØP
56C	3.46"	6.50"
143/145TC	3.46"	6.50"
183/185TC	4.38"	9.00"
213/215TC	4.38"	9.00"

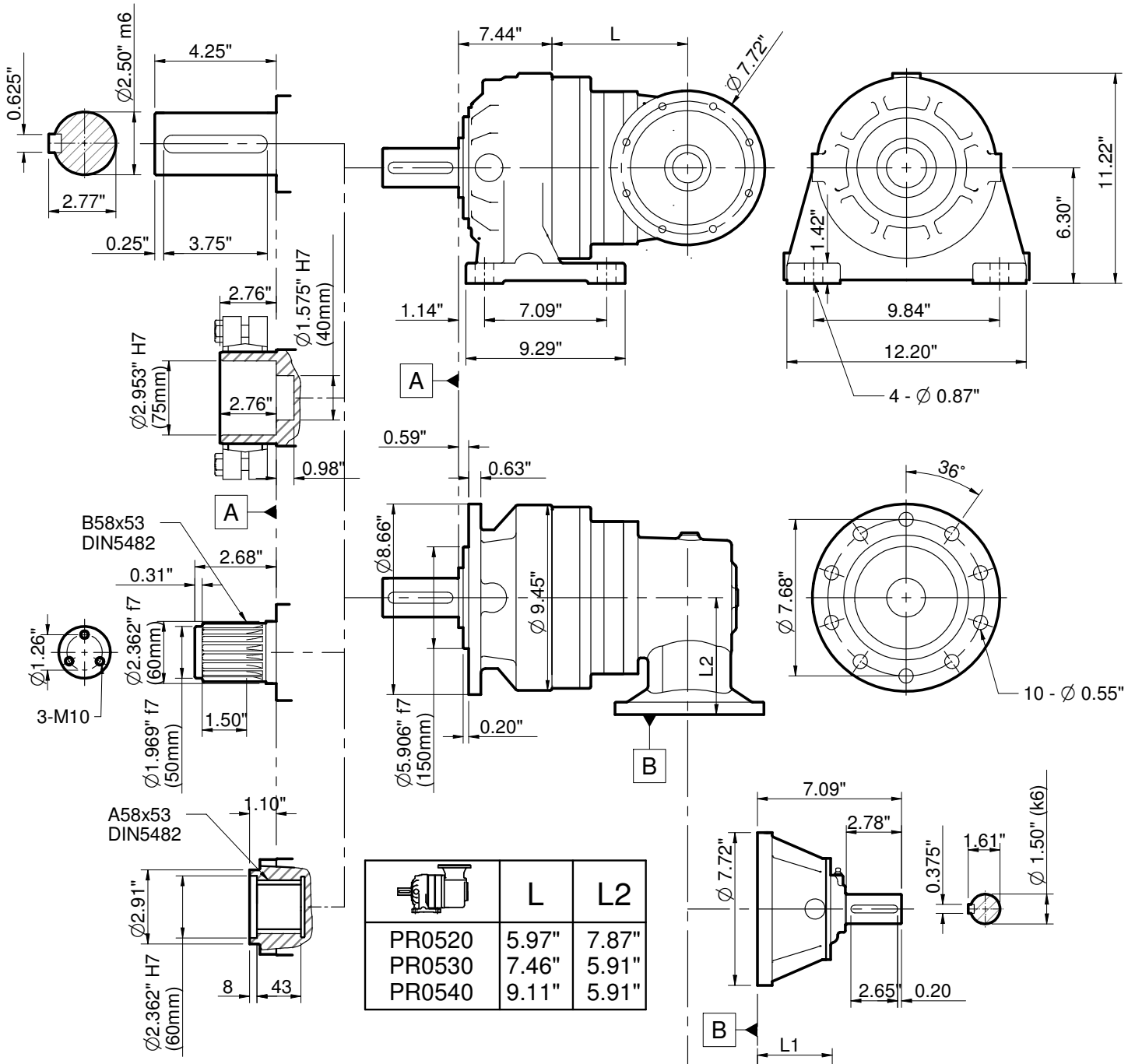
Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR0320	14.	14.24	32767	32745	32285	30090	22442	18229	3500	20.6	20.0
	18.	17.06	31842	29648	28311	25550	22062	17920		20.3	19.6
	22.	21.99	25585	21523	18912	17771	16266	15620		19.8	19.2
	25.	26.16	18585	15611	13744	13222	12071	11558		19.5	18.9
PR0330	45.	44.68	34781	32745	32285	30090	22442	18229	3500	15.1	14.6
	56.	54.16	34781	32745	32285	30090	22442	18229		15.0	14.5
	63.	64.88	31842	29648	28311	25550	22062	17920		14.9	14.4
	71.	71.23	34781	32745	32285	30090	22442	18229		14.8	14.3
	90.	86.17	34781	32745	32285	30090	22442	18229		14.7	14.2
	100	103.22	31842	29648	28311	25550	22062	17920		14.6	14.1
	112	109.99	25585	21523	18912	17771	16266	15620		14.5	14.1
	140	133.05	25585	21523	18912	17771	16266	15620		14.4	13.9
	160	158.30	18585	15611	13744	13222	12071	11558		14.3	13.8
PR0340	180	173.75	34781	32745	32285	30090	22442	18229	3500	13.0	12.6
	200	210.63	34781	32745	32285	30090	22442	18229		13.0	12.6
	250	255.34	34781	32745	32285	30090	22442	18229		12.9	12.5
	280	277.01	34781	32745	32285	30090	22442	18229		12.8	12.5
	315	305.86	31842	29648	28311	25550	22062	17920		12.8	12.4
	360	335.10	34781	32745	32285	30090	22442	18229		12.8	12.4
	400	406.22	34781	32745	32285	30090	22442	18229		12.7	12.3
	450	441.64	34781	32745	32285	30090	22442	18229		12.7	12.3
	500	486.59	31842	29648	28311	25550	22062	17920		12.6	12.3
	560	534.24	34781	32745	32285	30090	22442	18229		12.6	12.2
	630	646.26	34781	32745	32285	30090	22442	18229		12.5	12.2
	710	774.13	31842	29648	28311	25550	22062	17920		12.5	12.1
	800	824.93	25585	21523	18912	17771	16266	15620		12.4	12.1
	10C	997.90	25585	21523	18912	17771	16266	15620		12.4	12.0
	12C	1187.2	18585	15611	13744	13222	12071	11558		12.3	11.9



	L	L2
PR0320	5.31"	7.87"
PR0330	6.48"	5.91"
PR0340	8.13"	5.91"

	L1	∅P
56C	3.46"	6.50"
143/145TC	3.46"	6.50"
183/185TC	4.38"	9.00"
213/215TC	4.38"	9.00"

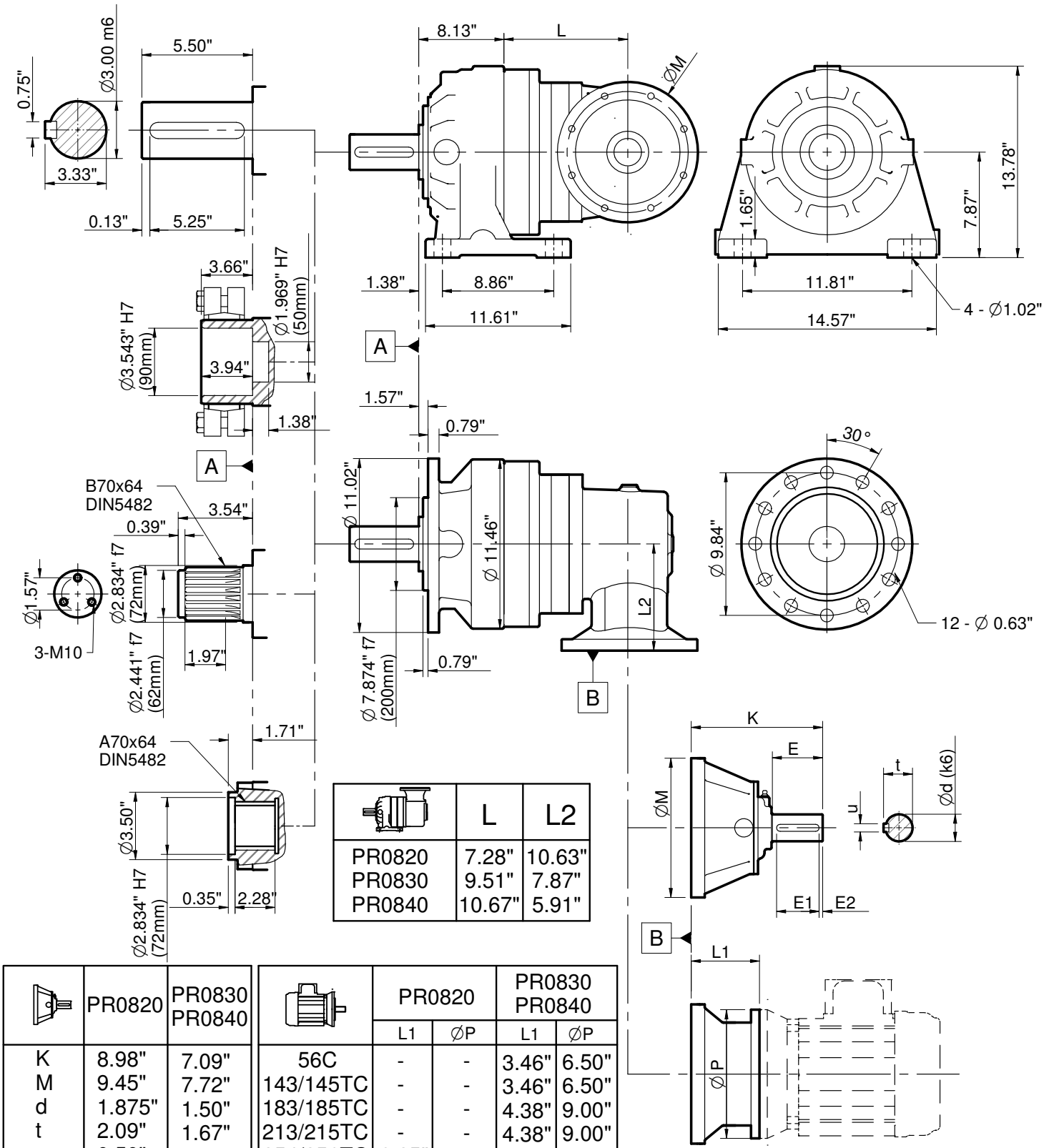
Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR0520	14.	14.24	32767	32767	32767	32767	31474	25565	3500	21.1	20.5
	18.	17.06	39250	39250	39250	39250	30954	25142		20.7	20.1
	22.	21.99	39365	33117	29090	27338	25028	24037		20.2	19.6
	25.	26.16	28603	24028	21143	20337	18576	17789		19.9	19.3
PR0530	45.	44.68	53348	50224	49516	46294	31474	25565	3500	15.7	15.2
	56.	54.16	53348	50224	49516	46294	31474	25565		15.6	15.1
	63.	64.88	48843	45480	43542	39312	30954	25142		15.5	15.0
	71.	71.23	53348	50224	49516	46294	31474	25565		15.4	14.9
	90.	86.17	53348	50224	49516	46294	31474	25565		15.3	14.8
	100	103.22	48843	45480	43542	39312	30954	25142		15.1	14.7
	112	109.99	39365	33117	29090	27338	25028	24037		15.1	14.6
	140	133.05	39365	33117	29090	27338	25028	24037		15.0	14.5
	160	158.30	28603	24028	21143	20337	18576	17789		14.9	14.4
PR0540	180	173.75	53348	50224	49516	46294	31474	25565	3500	13.5	13.1
	200	210.63	53348	50224	49516	46294	31474	25565		13.4	13.1
	250	255.34	53348	50224	49516	46294	31474	25565		13.4	13.0
	280	277.01	53348	50224	49516	46294	31474	25565		13.3	12.9
	315	305.86	48843	45480	43542	39312	30954	25142		13.3	12.9
	360	335.10	53348	50224	49516	46294	31474	25565		13.3	12.9
	400	406.22	53348	50224	49516	46294	31474	25565		13.2	12.8
	450	441.64	53348	50224	49516	46294	31474	25565		13.2	12.8
	500	486.59	48843	45480	43542	39312	30954	25142		13.1	12.7
	560	534.24	53348	50224	49516	46294	31474	25565		13.1	12.7
	630	646.26	53348	50224	49516	46294	31474	25565		13.0	12.6
	710	774.13	48843	45480	43542	39312	30954	25142		12.9	12.6
	800	824.93	39365	33117	29090	27338	25028	24037		12.9	12.5
	10C	997.90	39365	33117	29090	27338	25028	24037		12.8	12.5
	12C	1187.24	28603	24028	21143	20337	18576	17789		12.8	12.4



	L	L2
PR0520	5.97"	7.87"
PR0530	7.46"	5.91"
PR0540	9.11"	5.91"

	L1	∅P
56C	3.46"	6.50"
143/145TC	3.46"	6.50"
183/185TC	4.38"	9.00"
213/215TC	4.38"	9.00"

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR0820	14.	14.24	71835	71835	71835	71835	49756	40414	3500	34.8	32.9
	18.	17.06	86048	82571	73411	69384	48689	39548		34.0	32.2
	22.	21.99	68517	57711	50746	47755	43799	38414		33.0	31.3
	25.	26.16	56543	47586	41949	40391	36993	35524		32.4	30.7
PR0830	50.	51.88	94421	88801	87518	80638	49756	40414	3500	22.5	21.3
	63.	62.14	94421	88801	87518	80638	49756	40414		22.3	21.2
	71.	74.43	88987	82571	73411	69384	48689	39548		22.2	21.0
	80.	80.10	94421	88801	87518	80638	49756	40414		22.1	20.9
	100	95.30	94421	88801	87518	80638	49756	40414		21.9	20.8
	112	114.16	88987	82571	73411	69384	48689	39548		21.7	20.6
	125	123.69	68517	57711	50746	47755	43799	38414		21.7	20.5
	140	147.15	68517	57711	50746	47755	43799	38414		21.5	20.4
	180	175.08	56543	47586	41949	40391	36993	35524		21.4	20.2
PR0840	180	162.76	94421	88801	87518	80638	49756	40414	3500	18.1	17.1
	200	197.31	94421	88801	87518	80638	49756	40414		17.9	17.0
	225	236.35	94421	88801	87518	80638	49756	40414		17.9	16.9
	250	259.49	94421	88801	87518	80638	49756	40414		17.8	16.9
	280	283.11	88987	82571	73411	69384	48689	39548		17.8	16.8
	315	313.90	94421	88801	87518	80638	49756	40414		17.7	16.8
	360	376.00	94421	88801	87518	80638	49756	40414		17.6	16.7
	400	400.68	94421	88801	87518	80638	49756	40414		17.6	16.6
	450	450.40	88987	82571	73411	69384	48689	39548		17.5	16.6
	500	484.69	94421	94421	94421	94421	94421	94421		17.5	16.5
	560	576.66	94421	88801	87518	80638	49756	40414		17.4	16.5
	630	618.70	68517	57711	50746	47755	43799	38414		17.4	16.4
	710	690.76	88987	82571	73411	69384	48689	39548		17.3	16.4
	800	748.42	68517	57711	50746	47755	43799	38414		17.3	16.3
	900	890.43	68517	57711	50746	47755	43799	38414		17.2	16.3
	11C	1059.4	56543	47586	41949	40391	36993	35524		17.1	16.2

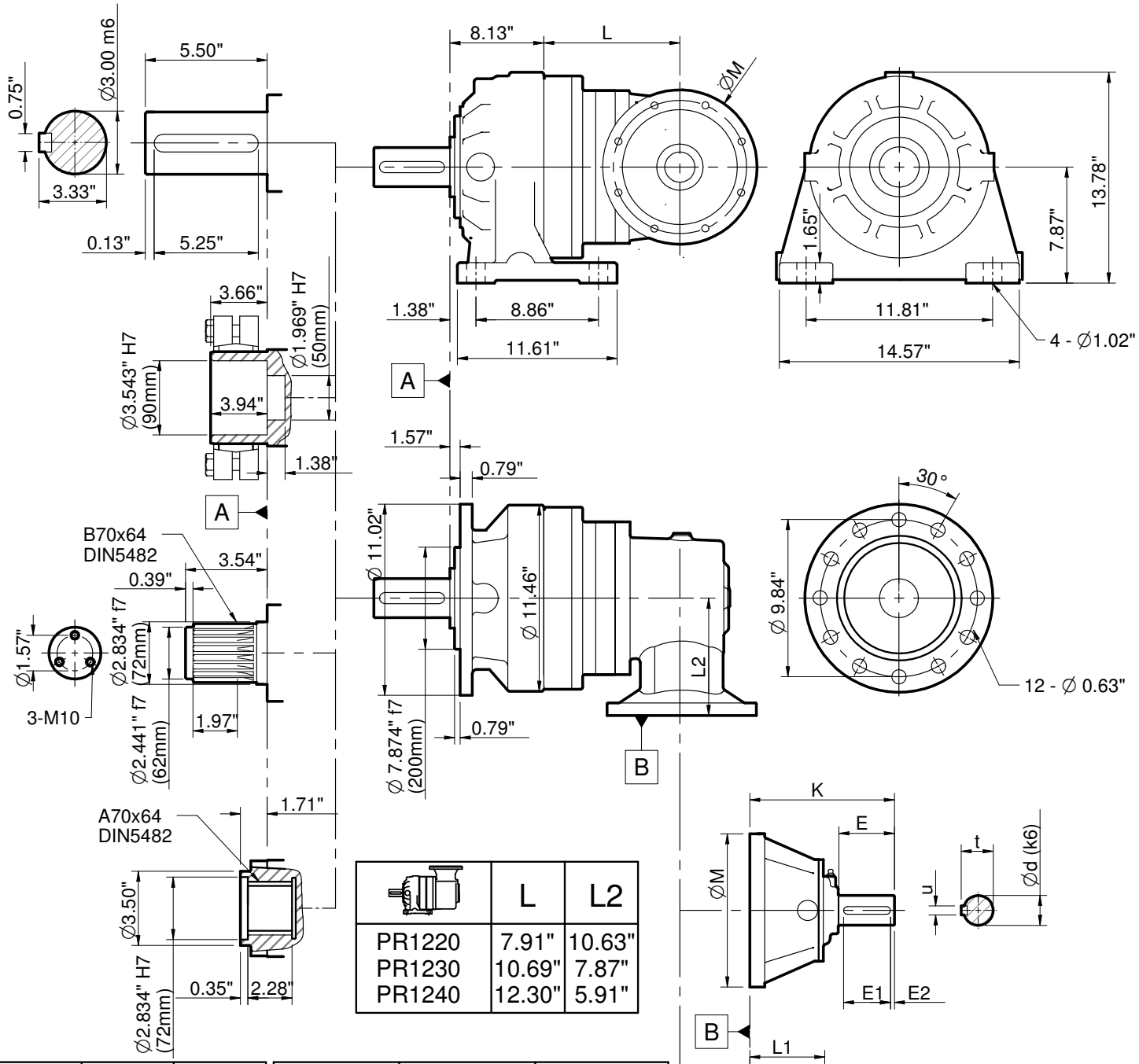


	L	L2
PR0820	7.28"	10.63"
PR0830	9.51"	7.87"
PR0840	10.67"	5.91"

	PR0820	PR0830 PR0840
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.50"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.75"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PR0820		PR0830 PR0840	
	L1	ØP	L1	ØP
56C	-	-	3.46"	6.50"
143/145TC	-	-	3.46"	6.50"
183/185TC	-	-	4.38"	9.00"
213/215TC	-	-	4.38"	9.00"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR1220	14.	14.24	71835	71835	71835	71835	61579	50018	3500	35.6	33.7
	18.	17.06	86048	86048	86048	86048	60293	48973		34.8	33.0
	22.	21.99	91367	76995	67747	63685	58383	47573		33.8	32.1
	25.	26.16	75393	63455	55959	53843	49321	47128		33.2	31.4
PR1230	50.	51.88	125688	13356	13168	11277	6958	5652	3500	23.4	22.2
	63.	62.14	125688	13356	13168	11277	6958	5652		23.2	22.0
	71.	74.43	118457	12420	11064	9996	6813	5534		23.0	21.9
	80.	80.10	125688	13356	13168	11277	6958	5652		22.9	21.8
	100	95.30	125688	13356	13168	11277	6958	5652		22.8	21.6
	112	114.16	118457	12420	11064	9996	6813	5534		22.6	21.5
	125	123.69	91367	8700	7655	7196	6597	5375		22.5	21.4
	140	147.15	91367	8700	7655	7196	6597	5375		22.3	21.2
	180	175.08	75393	7170	6323	6084	5573	5325		22.2	21.1
PR1240	180	162.76	125688	13356	13168	11277	6958	5652	3500	19.0	18.0
	200	197.31	125688	13356	13168	11277	6958	5652		18.9	17.9
	225	236.35	125688	13356	13168	11277	6958	5652		18.8	17.8
	250	259.49	125688	13356	13168	11277	6958	5652		18.7	17.8
	280	283.11	118457	12420	11064	9996	6813	5534		18.7	17.7
	315	313.90	125688	13356	13168	11277	6958	5652		18.6	17.7
	360	376.00	125688	13356	13168	11277	6958	5652		18.5	17.6
	400	400.68	125688	13356	13168	11277	6958	5652		18.5	17.5
	450	450.40	118457	12420	11064	9996	6813	5534		18.4	17.5
	500	484.69	125688	13356	13168	11277	6958	5652		18.4	17.4
	560	576.66	125688	13356	13168	11277	6958	5652		18.3	17.3
	630	618.70	91367	8700	7655	7196	6597	5375		18.2	17.3
	710	690.76	118457	12420	11064	9996	6813	5534		18.2	17.3
	800	748.42	91367	8700	7655	7196	6597	5375		18.1	17.2
	900	890.43	91367	8700	7655	7196	6597	5375		18.0	17.1
	11C	1059.4	75393	7170	6323	6084	5573	5325		18.0	17.0

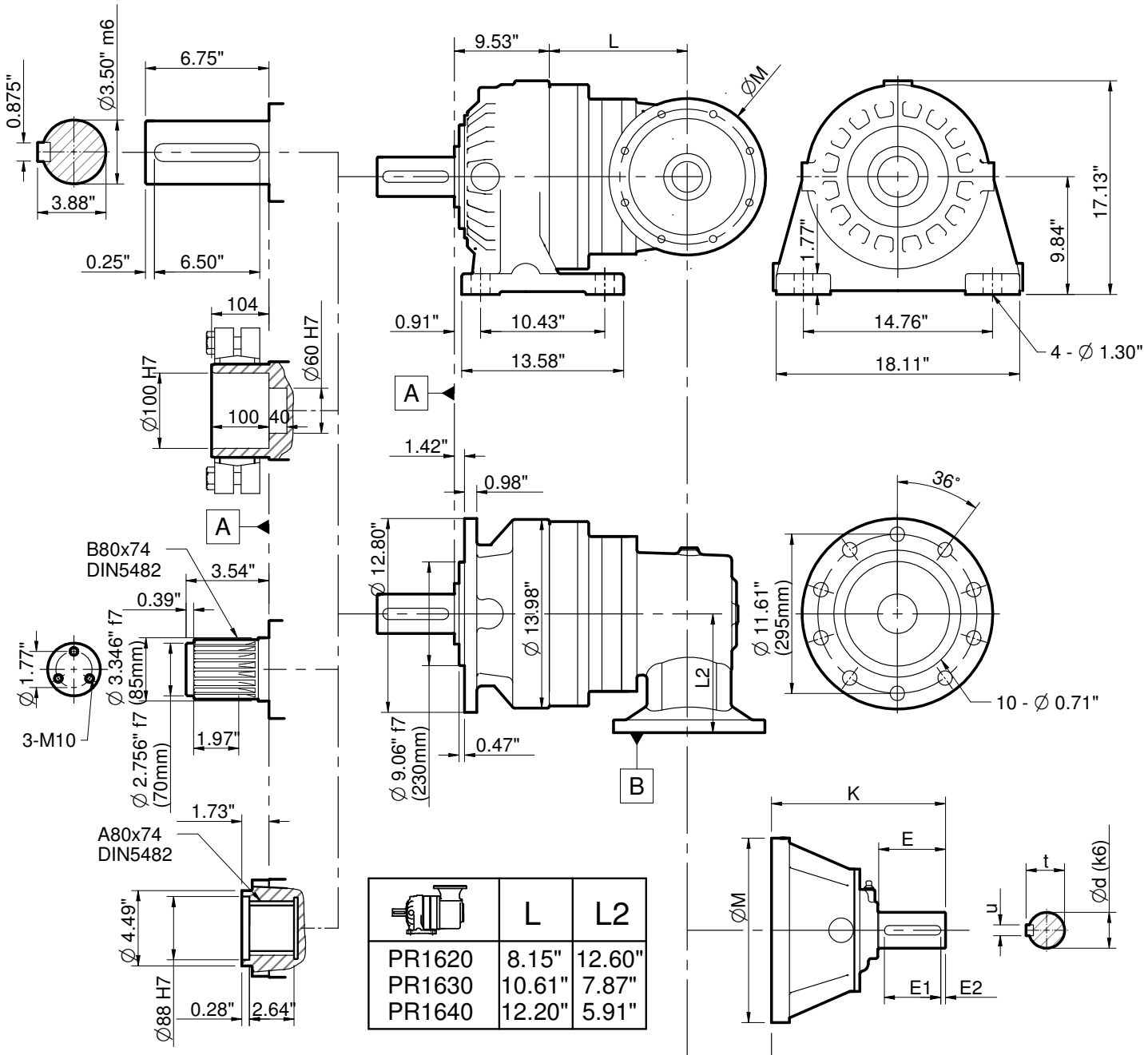


	L	L2
PR1220	7.91"	10.63"
PR1230	10.69"	7.87"
PR1240	12.30"	5.91"

	PR1220	PR1230 PR1240
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.50"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.75"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PR1220		PR1230 PR1240	
	L1	ØP	L1	ØP
56C	-	-	3.46"	6.50"
143/145TC	-	-	3.46"	6.50"
183/185TC	-	-	4.38"	9.00"
213/215TC	-	-	4.38"	9.00"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
	16.	15.15	113949	113949	113949	113949	90316	73360		64.5	47.8
PR1620	20.	18.89	142130	140697	124166	114262	87935	71426	2800	62.8	46.5
	25.	26.39	98571	83146	73544	70765	64844	62171		60.4	44.7
	56.	55.18	134785	134785	134785	134785	90316	73360		37.0	26.7
	63.	66.10	161454	161454	161454	146372	90316	73360		36.7	26.5
	80.	85.21	186841	175053	166380	146372	90316	73360		36.3	26.2
PR1630	100	101.37	186841	175053	166380	146372	90316	73360	3500	36.0	26.0
	112	106.28	166823	140697	124166	114262	87935	71426		35.9	25.9
	125	126.44	166823	140697	124166	114262	87935	71426		35.7	25.7
	140	148.42	98571	83146	73544	70765	64844	62171		35.4	25.6
	180	176.59	98571	83146	73544	70765	64844	62171		35.2	25.4
	180	173.13	186841	175053	166380	146372	90316	73360		30.2	21.7
	200	209.88	186841	175053	166380	146372	90316	73360		30.0	21.6
	250	251.41	186841	175053	166380	146372	90316	73360		29.9	21.5
	280	276.02	186841	175053	166380	146372	90316	73360		29.8	21.4
	315	333.90	186841	175053	166380	146372	90316	73360		29.6	21.3
	360	344.29	166823	140697	124166	114262	87935	71426		29.6	21.3
PR1640	400	399.97	186841	175053	166380	146372	90316	73360	3500	29.4	21.2
	450	426.21	186841	175053	166380	146372	90316	73360		29.4	21.1
	500	515.58	186841	175053	166380	146372	90316	73360		29.2	21.0
	560	531.62	166823	140697	124166	114262	87935	71426		29.2	21.0
	630	613.41	186841	175053	166380	146372	90316	73360		29.1	20.9
	710	765.11	166823	140697	124166	114262	87935	71426		28.9	20.8
	900	898.11	98571	83146	73544	70765	64844	62171		28.8	20.7
	11C	1068.52	98571	83146	73544	70765	64844	62171		28.6	20.6



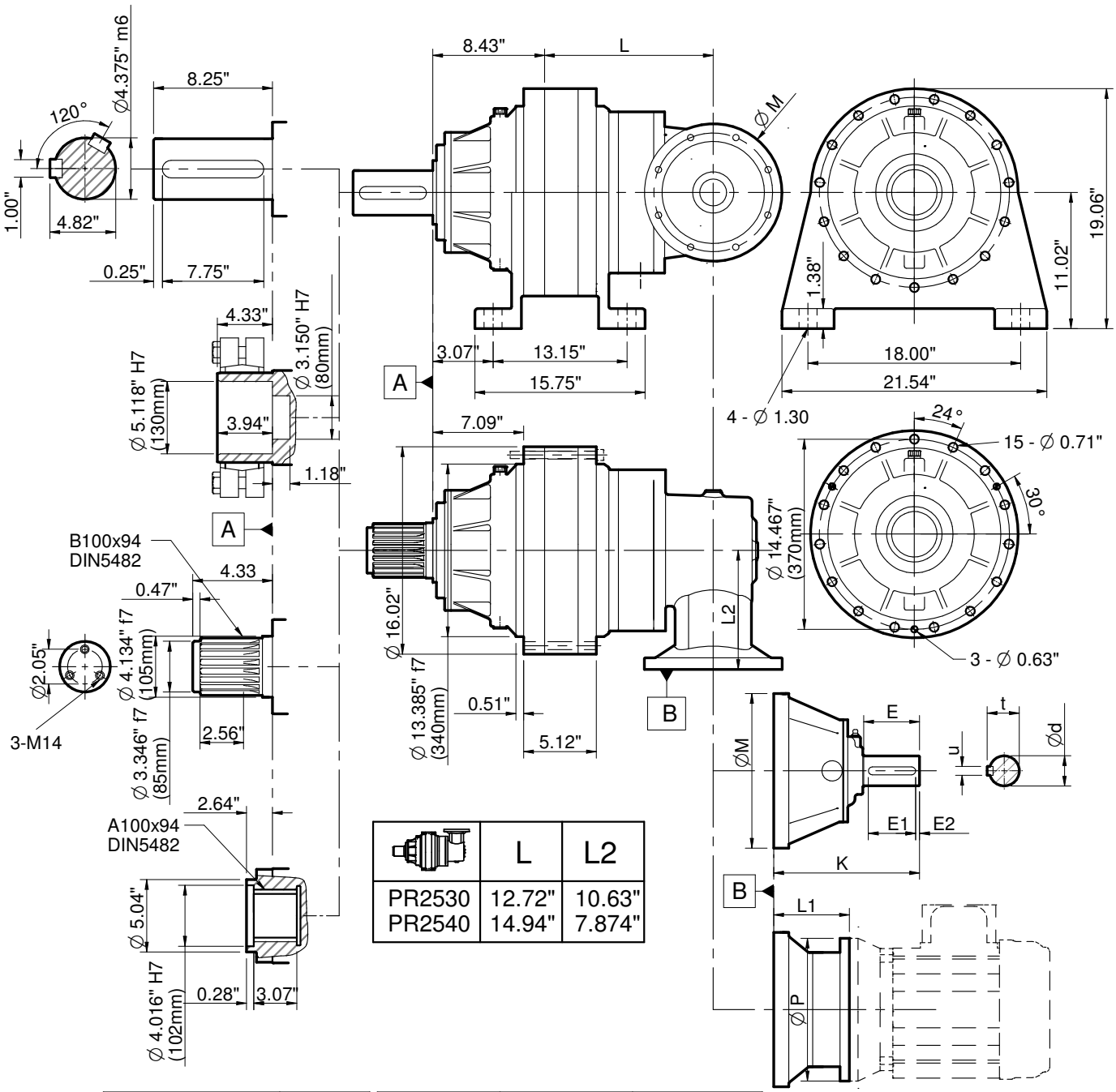
	L	L2
PR1620	8.15"	12.60"
PR1630	10.61"	7.87"
PR1640	12.20"	5.91"

	PR1620	PR1630 PR1640
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.50"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.75"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PR1620		PR1630 PR1640	
	L1	ØP	L1	ØP
56C	-	-	3.46"	6.50"
143/145TC	-	-	3.46"	6.50"
183/185TC	-	-	4.38"	9.00"
213/215TC	-	-	4.38"	9.00"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR2530	56.	56.96	287340	261686	231215	206648	138485	112485	3500	-	32.0
	63.	68.23	289094	261686	231215	206648	138485	112485		-	31.7
	71.	74.05	224657	190275	168062	156264	135037	109684		-	31.6
	90.	87.95	289094	261686	231215	206648	138485	112485		-	31.4
	100	104.64	289094	261686	231215	206648	138485	112485		-	31.1
	112	114.34	224657	190275	168062	156264	135037	109684		-	31.0
	140	136.04	224657	190275	168062	156264	135037	109684		-	30.8
	160	163.51	165557	139945	123404	118050	108413	104253		-	30.5
PR2540	200	207.50	289094	261686	231215	206648	138485	112485	3500	-	24.7
	250	248.56	289094	261686	231215	206648	138485	112485		-	24.6
	280	269.75	224657	190275	168062	156264	135037	109684		-	24.5
	315	320.41	289094	261686	231215	206648	138485	112485		-	24.4
	360	381.20	289094	261686	231215	206648	138485	112485		-	24.3
	400	416.53	224657	190275	168062	156264	135037	109684		-	24.2
	450	456.63	289094	261686	231215	206648	138485	112485		-	24.2
	500	494.74	289094	261686	231215	206648	138485	112485		-	24.1
	560	588.62	289094	261686	231215	206648	138485	112485		-	24.0
	630	643.17	224657	190275	168062	156264	135037	109684		-	23.9
	710	700.31	289094	261686	231215	206648	138485	112485		-	23.9
	800	765.20	224657	190275	168062	156264	135037	109684		-	23.8
	900	910.40	224657	190275	168062	156264	135037	109684		-	23.7
	11C	1094.23	165557	139945	123404	118050	108413	104253		-	23.6

PR25

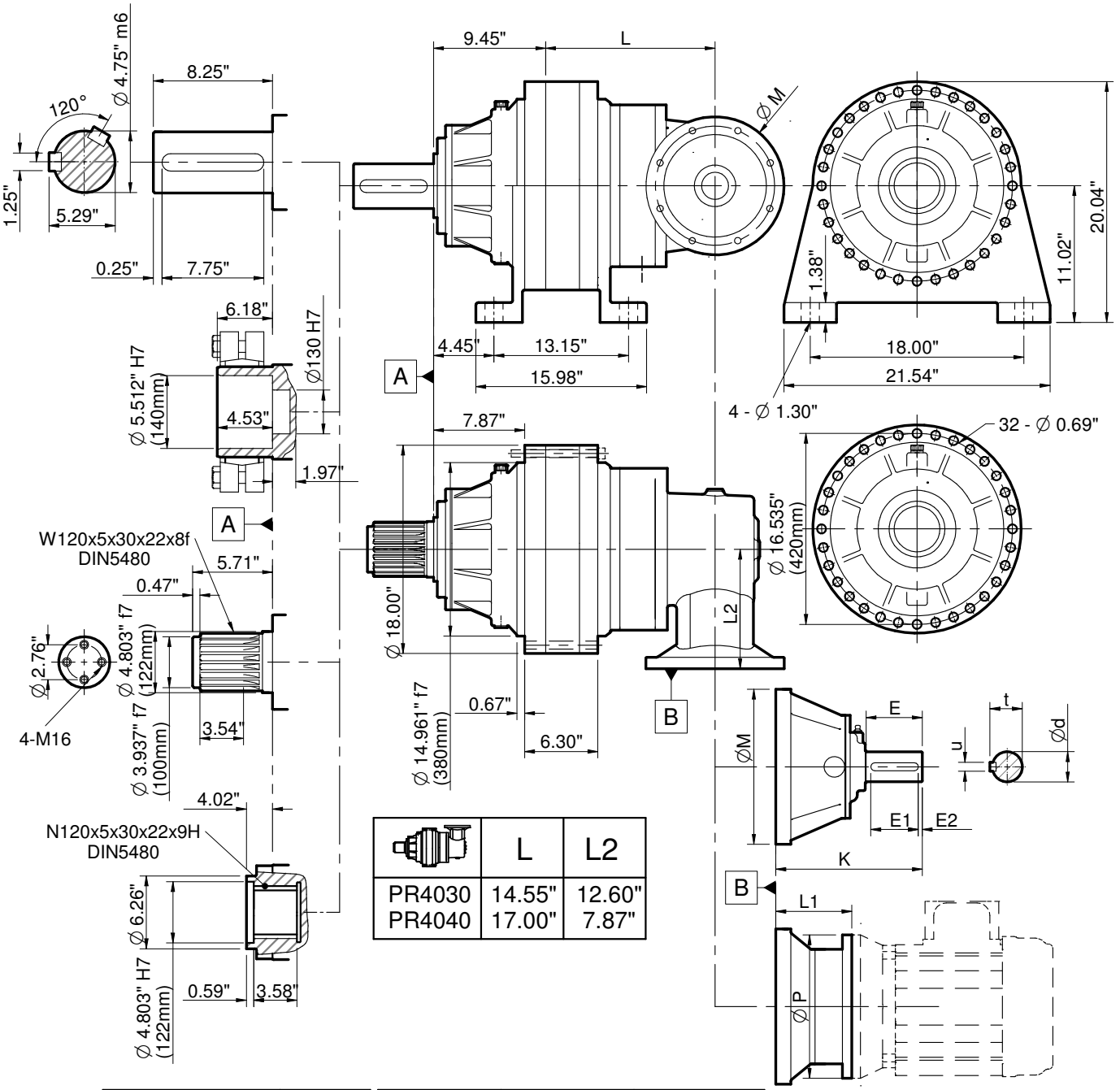


	L	L2
PR2530	12.72"	10.63"
PR2540	14.94"	7.874"

	PR2530	PR2540
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.50"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.75"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PR2530		PR2440	
	L1	ØP	L1	ØP
56C	-	-	3.46"	6.50"
143/145TC	-	-	3.46"	6.50"
183/185TC	-	-	4.38"	9.00"
213/215TC	-	-	4.38"	9.00"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR4030	63.	63.23	431765	401772	378426	340805	253433	205852	2800	-	38.2
	71.	78.86	431765	431765	431765	431765	431765	431765		-	37.9
	80.	80.19	361700	306352	270766	252747	232543	200072		-	37.8
	100	100.03	361700	306352	270766	252747	232543	200072		-	37.5
	112	110.13	431765	401772	378426	340805	253433	205852		-	37.2
	125	117.41	297210	251473	222091	212267	195036	187355		-	37.1
	140	139.69	361700	306352	270766	252747	232543	200072		-	36.8
	160	163.97	297210	251473	222091	212267	195036	187355		-	36.5
PR4040	225	230.32	431765	401772	378426	340805	253433	205852	3500	-	30.3
	280	275.89	431765	401772	378426	340805	253433	205852		-	30.2
	315	292.13	361700	306352	270766	252747	232543	200072		-	30.1
	360	355.64	431765	401772	378426	340805	253433	205852		-	29.9
	400	401.20	431765	401772	378426	340805	253433	205852		-	29.8
	450	443.60	431765	401772	378426	340805	253433	205852		-	29.7
	500	508.88	361700	306352	270766	252747	232543	200072		-	29.6
	560	562.65	361700	306352	270766	252747	232543	200072		-	29.6
	630	619.51	431765	401772	378426	340805	253433	205852		-	29.4
	710	737.05	431765	401772	378426	340805	253433	205852		-	29.3
	800	785.77	361700	306352	270766	252747	232543	200072		-	29.3
	900	934.87	361700	306352	270766	252747	232543	200072		-	29.2
	11C	1097.35	297210	251473	222091	212267	195036	187355		-	29.0

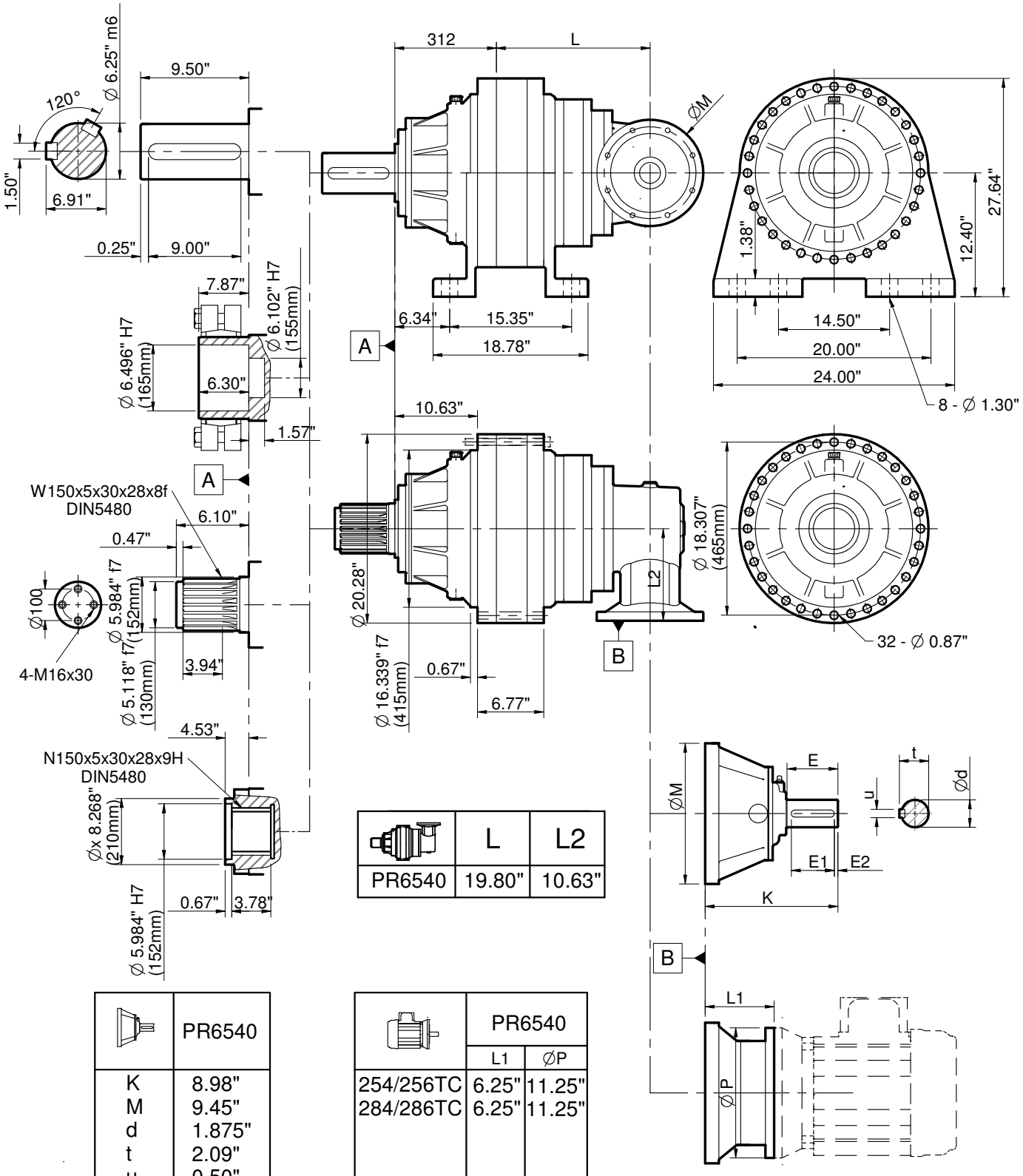


	L	L2
PR4030	14.55"	12.60"
PR4040	17.00"	7.87"

	PR4030	PR4040
K	8.98"	7.09"
M	9.45"	7.72"
d	1.875"	1.50"
t	2.09"	1.67"
u	0.50"	0.325"
E	3.25"	2.75"
E1	2.75"	2.50"
E2	0.20"	0.13"

	PR4030		PR4040	
	L1	ØP	L1	ØP
56C	-	-	3.46"	6.50"
143/145TC	-	-	3.46"	6.50"
183/185TC	-	-	4.38"	9.00"
213/215TC	-	-	4.38"	9.00"
254/256TC	6.25"	11.25"	-	-
284/286TC	6.25"	11.25"	-	-

Series	Ratio	Ratio	T2 (Lb.in) n2*h rating						n1 Max	Pt (HP)	Pt (HP)
P	*i*N	*i*	10,000	25,000	50,000	100,000	500,000	1,000,000		Type B	Type F
PR6440	225	230.3	749595	697823	647378	604013	508371	412926	3500	-	39.4
	280	275.9	749595	697823	647378	604013	508371	412926		-	39.1
	315	320.1	708885	601358	532328	507990	468431	405479		-	39.1
	360	355.6	749595	697823	647378	604013	508371	412926		-	38.9
	400	401.2	749595	697823	647378	604013	508371	412926		-	38.7
	450	443.6	749595	697823	647378	604013	508371	412926		-	38.6
	500	490.9	708885	601358	532328	507990	468431	405479		-	38.4
	560	527.8	749595	697823	647378	604013	508371	412926		-	38.4
	630	612.3	708885	601358	532328	507990	468431	405479		-	38.2
	710	741.8	537195	455421	410375	395418	363558	349398		-	38.1



	L	L2
PR6540	19.80"	10.63"

	PR6540
K	8.98"
M	9.45"
d	1.875"
t	2.09"
u	0.50"
E	3.25"
E1	2.75"
E2	0.20"

	PR6540	
	L1	ØP
254/256TC	6.25"	11.25"
284/286TC	6.25"	11.25"

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.25 HP	9.4	185.49	1644	6.37	2900	PR0140 180 - M - - - .25 B	56C	9.8	9.2
	7.8	224.86	1992	5.32	2900	PR0140 225 - M - - - .25 B	56C	9.7	9.1
4 - Pole	6.4	272.58	2415	4.44	2900	PR0140 250 - M - - - .25 B	56C	9.7	9.1
	5.9	295.72	2620	4.11	2900	PR0140 280 - M - - - .25 B	56C	9.6	9.1
	5.3	330.44	2928	3.01	2900	PR0140 315 - M - - - .25 B	56C	9.6	9.0
	4.9	357.73	3170	3.44	2900	PR0140 360 - M - - - .25 B	56C	9.6	9.0
	4.0	433.65	3842	2.87	2900	PR0140 400 - M - - - .25 B	56C	9.5	9.0
	3.7	471.46	4178	2.66	2900	PR0140 450 - M - - - .25 B	56C	9.5	8.9
	3.3	525.69	4658	1.95	2900	PR0140 500 - M - - - .25 B	56C	9.5	8.9
	3.1	570.32	5053	2.22	2900	PR0140 560 - M - - - .25 B	56C	9.4	8.9
	2.5	689.90	6113	1.86	2900	PR0140 710 - M - - - .25 B	56C	9.4	8.8
	2.1	836.33	7410	1.26	2900	PR0140 800 - M - - - .25 B	56C	9.3	8.8
	1.9	909.25	8057	0.81	2900	PR0140 900 - M - - - .25 B	56C	9.3	8.8
	3.3	525.69	4658	3.59	2900	PR0240 500 - M - - - .25 B	56C	9.7	9.1
	3.1	570.32	5053	4.11	2900	PR0240 560 - M - - - .25 B	56C	9.6	9.1
	2.5	689.90	6113	3.44	2900	PR0240 710 - M - - - .25 B	56C	9.6	9.0
	2.1	836.33	7410	2.32	2900	PR0240 800 - M - - - .25 B	56C	9.5	9.0
	1.9	909.25	8057	1.50	2900	PR0240 900 - M - - - .25 B	56C	9.5	9.0
	1.6	1099.90	9746	1.26	2900	PR0240 11C - M - - - .25 B	56C	9.5	8.9
	2.3	774.13	6970	4.27	6400	PR0340 710 - M - - - .25 B	56C	12.5	12.1
	2.1	824.93	7427	2.80	6400	PR0340 800 - M - - - .25 B	56C	12.5	12.1
	1.8	997.90	8985	2.34	6400	PR0340 10C - M - - - .25 B	56C	12.4	12.0
	1.5	1187.24	10689	1.48	6400	PR0340 12C - M - - - .25 B	56C	12.3	12.0
	2.12	824.93	7427	4.31	6400	PR0540 800 - M - - - .25 B	56C	12.9	12.5
	1.75	997.90	8985	3.61	6400	PR0540 10C - M - - - .25 B	56C	12.8	12.5
	1.47	1187.24	10689	2.28	6400	PR0540 12C - M - - - .25 B	56C	12.8	12.4
0.33 HP	9.4	185.49	2169	4.83	2900	PR0140 180 - M - - - .33 B	56C	9.8	9.2
	7.8	224.86	2630	4.03	2900	PR0140 225 - M - - - .33 B	56C	9.7	9.1
4 - Pole	6.4	272.58	3188	3.36	2900	PR0140 250 - M - - - .33 B	56C	9.7	9.1
	5.9	295.72	3459	3.12	2900	PR0140 280 - M - - - .33 B	56C	9.6	9.1
	5.3	330.44	3865	2.28	2900	PR0140 315 - M - - - .33 B	56C	9.6	9.0
	4.9	357.73	4184	2.61	2900	PR0140 360 - M - - - .33 B	56C	9.6	9.0
	4.0	433.65	5072	2.18	2900	PR0140 400 - M - - - .33 B	56C	9.5	9.0
	3.7	471.46	5514	2.01	2900	PR0140 450 - M - - - .33 B	56C	9.5	8.9
	3.3	525.69	6149	1.47	2900	PR0140 500 - M - - - .33 B	56C	9.5	8.9
	3.1	570.32	6671	1.68	2900	PR0140 560 - M - - - .33 B	56C	9.4	8.9
	2.5	689.90	8069	1.41	2900	PR0140 710 - M - - - .33 B	56C	9.4	8.8
	2.1	836.33	9782	0.95	2900	PR0140 800 - M - - - .33 B	56C	9.3	8.8
	4.0	433.65	5072	4.02	2900	PR0240 400 - M - - - .33 B	56C	9.7	9.1
	3.7	471.46	5514	3.72	2900	PR0240 450 - M - - - .33 B	56C	9.7	9.1
	3.3	525.69	6149	2.72	2900	PR0240 500 - M - - - .33 B	56C	9.7	9.1
	3.1	570.32	6671	3.11	2900	PR0240 560 - M - - - .33 B	56C	9.6	9.1
	2.5	689.90	8069	2.60	2900	PR0240 710 - M - - - .33 B	56C	9.6	9.0
	2.1	836.33	9782	1.76	2900	PR0240 800 - M - - - .33 B	56C	9.5	9.0
	1.9	909.25	10635	1.14	2900	PR0240 900 - M - - - .33 B	56C	9.5	9.0
	1.6	1099.90	12865	0.95	2900	PR0240 11C - M - - - .33 B	56C	9.5	8.9
	2.7	646.26	7681	4.52	6400	PR0340 630 - M - - - .33 B	56C	12.5	12.2
	2.3	774.13	9200	3.24	6400	PR0340 710 - M - - - .33 B	56C	12.5	12.1
	2.1	824.93	9804	2.12	6400	PR0340 800 - M - - - .33 B	56C	12.5	12.1
	1.8	997.90	11860	1.78	6400	PR0340 10C - M - - - .33 B	56C	12.4	12.0
	1.5	1187.24	14110	1.12	6400	PR0340 12C - M - - - .33 B	56C	12.3	12.0
	2.1	824.93	9804	3.26	6400	PR0540 800 - M - - - .33 B	56C	13.4	12.6
	1.8	997.90	11860	2.73	6400	PR0540 10C - M - - - .33 B	56C	13.3	12.5
	1.5	1187.24	14110	1.73	6400	PR0540 12C - M - - - .33 B	56C	13.3	12.4
	1.94	890.43	10730	5.24	9200	PR0840 900 - M - - - .33 B	56C	17.2	16.3
	1.63	1059.38	12767	3.77	9200	PR0840 11C - M - - - .33 B	56C	17.1	16.2
0.50 HP	15.7	111.51	2008	4.09	2900	PR0130 112 - M - - - .50 B	56C	11.0	10.3
	14.4	121.23	2183	2.65	2900	PR0130 125 - M - - - .50 B	56C	11.0	10.3
4 - Pole	11.9	146.65	2641	2.21	2900	PR0130 140 - M - - - .50 B	56C	10.9	10.2
	9.9	177.40	3195	1.37	2900	PR0130 160 - M - - - .50 B	56C	10.8	10.1
	9.4	185.49	3340	3.13	2900	PR0140 180 - M - - - .50 B	56C	10.4	9.8
	7.8	224.86	4049	2.62	2900	PR0140 225 - M - - - .50 B	56C	10.4	9.7
	6.4	272.58	4908	2.19	2900	PR0140 250 - M - - - .50 B	56C	10.3	9.7
	5.9	295.72	5325	2.02	2900	PR0140 280 - M - - - .50 B	56C	10.3	9.7
	5.3	330.44	5950	1.48	2900	PR0140 315 - M - - - .50 B	56C	10.2	9.6
	4.9	357.73	6442	1.69	2900	PR0140 360 - M - - - .50 B	56C	10.2	9.6
	4.0	433.65	7809	1.41	2900	PR0140 400 - M - - - .50 B	56C	10.2	9.6
	3.7	471.46	8490	1.31	2900	PR0140 450 - M - - - .50 B	56C	10.1	9.5
	3.3	525.69	9466	0.96	2900	PR0140 500 - M - - - .50 B	56C	10.1	9.5
	3.1	570.32	10270	1.09	2900	PR0140 560 - M - - - .50 B	56C	10.1	9.5
	2.5	689.90	12423	0.92	2900	PR0140 710 - M - - - .50 B	56C	10.0	9.4

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.50 HP	11.9	146.65	2641	4.09	2900	PR0230 140 - M - - - .50 B	56C	10.8	10.1
	9.9	177.40	3195	2.52	2900	PR0230 160 - M - - - .50 B	56C	10.7	10.0
4 - Pole	9.4	185.49	3340	5.79	2900	PR0240 180 - M - - - .50 B	56C	10.0	9.4
	7.8	224.86	4049	4.83	2900	PR0240 225 - M - - - .50 B	56C	9.9	9.3
	6.4	272.58	4908	4.04	2900	PR0240 250 - M - - - .50 B	56C	9.8	9.3
	5.9	295.72	5325	3.74	2900	PR0240 280 - M - - - .50 B	56C	9.8	9.2
	5.3	330.44	5950	2.73	2900	PR0240 315 - M - - - .50 B	56C	9.8	9.2
	4.9	357.73	6442	3.13	2900	PR0240 360 - M - - - .50 B	56C	9.8	9.2
	4.0	433.65	7809	2.61	2900	PR0240 400 - M - - - .50 B	56C	9.7	9.1
	3.7	471.46	8490	2.42	2900	PR0240 450 - M - - - .50 B	56C	9.7	9.1
	3.3	525.69	9466	1.77	2900	PR0240 500 - M - - - .50 B	56C	9.7	9.1
	3.1	570.32	10270	2.02	2900	PR0240 560 - M - - - .50 B	56C	9.6	9.1
	2.5	689.90	12423	1.69	2900	PR0240 710 - M - - - .50 B	56C	9.6	9.0
	2.1	836.33	15060	1.14	2900	PR0240 800 - M - - - .50 B	56C	9.5	9.0
	4.0	441.64	7953	4.26	6400	PR0340 450 - M - - - .50 B	56C	12.7	12.3
	3.6	486.59	8762	3.30	6400	PR0340 500 - M - - - .50 B	56C	12.6	12.3
	3.3	534.24	9620	3.56	6400	PR0340 560 - M - - - .50 B	56C	12.6	12.2
	2.7	646.26	11637	2.98	6400	PR0340 630 - M - - - .50 B	56C	12.5	12.2
	2.3	774.13	13940	2.14	6400	PR0340 710 - M - - - .50 B	56C	12.5	12.1
	2.1	824.93	14855	1.40	6400	PR0340 800 - M - - - .50 B	56C	12.4	12.1
	1.8	997.90	17969	1.17	6400	PR0340 10C - M - - - .50 B	56C	12.4	12.0
	2.7	646.26	11637	4.59	6400	PR0540 630 - M - - - .50 B	56C	13.0	12.6
	2.3	774.13	13940	3.29	6400	PR0540 710 - M - - - .50 B	56C	12.9	12.6
	2.1	824.93	14855	2.15	6400	PR0540 800 - M - - - .50 B	56C	12.9	12.5
	1.8	997.90	17969	1.80	6400	PR0540 10C - M - - - .50 B	56C	12.8	12.5
	1.5	1187.24	21379	1.14	6400	PR0540 12C - M - - - .50 B	56C	12.8	12.4
	2.3	748.42	13665	4.07	9200	PR0840 800 - M - - - .50 B	56C	17.3	16.3
	1.9	890.43	16258	3.46	9200	PR0840 900 - M - - - .50 B	56C	17.2	16.3
	1.6	1059.38	19343	2.49	9200	PR0840 11C - M - - - .50 B	56C	17.1	16.2
0.75 HP	19.0	91.99	2485	4.03	2900	PR0130 90. - M - - - .75 B	56C	10.4	9.7
	15.7	111.51	3012	2.73	2900	PR0130 112 - M - - - .75 B	56C	10.3	9.6
	14.4	121.23	3275	1.76	2900	PR0130 125 - M - - - .75 B	56C	10.3	9.6
	11.9	146.65	3961	1.48	2900	PR0130 140 - M - - - .75 B	56C	10.2	9.5
4 - Pole	9.9	177.40	4792	0.91	2900	PR0130 160 - M - - - .75 B	56C	10.1	9.5
	9.4	185.49	5010	2.09	2900	PR0140 180 - M - - - .75 B	56C	9.8	9.2
	7.8	224.86	6074	1.74	2900	PR0140 225 - M - - - .75 B	56C	9.7	9.1
	6.4	272.58	7363	1.46	2900	PR0140 250 - M - - - .75 B	56C	9.6	9.1
	5.9	295.72	7988	1.35	2900	PR0140 280 - M - - - .75 B	56C	9.6	9.1
	5.3	330.44	8925	0.99	2900	PR0140 315 - M - - - .75 B	56C	9.6	9.0
	4.9	357.73	9662	1.13	2900	PR0140 360 - M - - - .75 B	56C	9.6	9.0
	4.0	433.65	11713	0.94	2900	PR0140 400 - M - - - .75 B	56C	9.5	9.0
	3.7	471.46	12735	0.87	2900	PR0140 450 - M - - - .75 B	56C	9.5	8.9
	14.4	121.23	3275	3.26	2900	PR0230 125 - M - - - .75 B	56C	10.9	10.2
	11.9	146.65	3961	2.73	2900	PR0230 140 - M - - - .75 B	56C	10.8	10.1
	9.9	177.40	4792	1.68	2900	PR0230 160 - M - - - .75 B	56C	10.7	10.0
	9.4	185.49	5010	3.86	2900	PR0240 180 - M - - - .75 B	56C	10.0	9.4
	7.8	224.86	6074	3.22	2900	PR0240 225 - M - - - .75 B	56C	9.9	9.3
	6.4	272.58	7363	2.69	2900	PR0240 250 - M - - - .75 B	56C	9.8	9.3
	5.9	295.72	7988	2.49	2900	PR0240 280 - M - - - .75 B	56C	9.8	9.2
	5.3	330.44	8925	1.82	2900	PR0240 315 - M - - - .75 B	56C	9.8	9.2
	4.9	357.73	9662	2.09	2900	PR0240 360 - M - - - .75 B	56C	9.8	9.2
	4.0	433.65	11713	1.74	2900	PR0240 400 - M - - - .75 B	56C	9.7	9.1
	3.7	471.46	12735	1.61	2900	PR0240 450 - M - - - .75 B	56C	9.7	9.1
	3.3	525.69	14199	1.18	2900	PR0240 500 - M - - - .75 B	56C	9.7	9.1
	3.1	570.32	15405	1.35	2900	PR0240 560 - M - - - .75 B	56C	9.6	9.1
	2.5	689.90	18635	1.13	2900	PR0240 710 - M - - - .75 B	56C	9.6	9.0
	2.1	836.33	22590	0.76	2900	PR0240 800 - M - - - .75 B	56C	9.5	9.0
	11.1	158.30	4268	3.27	6400	PR0330 160 - M - - - .75 B	56C	14.3	13.8
	10.1	173.75	4685	6.82	6400	PR0340 180 - M - - - .75 B	56C	13.0	12.6
	8.3	210.63	5679	5.69	6400	PR0340 200 - M - - - .75 B	56C	13.0	12.6
	6.9	255.34	6885	4.75	6400	PR0340 250 - M - - - .75 B	56C	12.9	12.5
	6.3	277.01	7469	4.40	6400	PR0340 280 - M - - - .75 B	56C	12.8	12.5
	5.7	305.86	8247	3.41	6400	PR0340 315 - M - - - .75 B	56C	12.8	12.4
	5.2	335.10	9035	3.68	6400	PR0340 360 - M - - - .75 B	56C	12.8	12.4
	4.3	406.22	10953	3.08	6400	PR0340 400 - M - - - .75 B	56C	12.7	12.3
	4.0	441.64	11908	2.84	6400	PR0340 450 - M - - - .75 B	56C	12.7	12.3
	3.6	486.59	13120	2.21	6400	PR0340 500 - M - - - .75 B	56C	12.6	12.3
	3.3	534.24	14405	2.38	6400	PR0340 560 - M - - - .75 B	56C	12.6	12.2
	2.7	646.26	17425	1.99	6400	PR0340 630 - M - - - .75 B	56C	12.5	12.2
	2.3	774.13	20873	1.43	6400	PR0340 710 - M - - - .75 B	56C	12.5	12.1
	2.1	824.93	22243	0.94	6400	PR0340 800 - M - - - .75 B	56C	12.4	12.1

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
0.75 HP **4 - Pole**	4.1	774.13	11435	4.01	6400	PR0540 710 - M - - - .75 B	56C	12.9	12.6
	3.9	824.93	12185	2.63	6400	PR0540 800 - M - - - .75 B	56C	12.9	12.5
	3.2	997.90	14740	2.20	6400	PR0540 10C - M - - - .75 B	56C	12.8	12.5
	2.7	1187.24	17537	1.39	6400	PR0540 12C - M - - - .75 B	56C	12.8	12.4
	2.8	618.70	16945	3.24	9200	PR0840 630 - M - - - .75 B	56C	17.4	16.4
	2.5	690.76	18919	4.25	9200	PR0840 710 - M - - - .75 B	56C	17.3	16.4
	2.3	748.42	20498	2.71	9200	PR0840 800 - M - - - .75 B	56C	17.3	16.3
	1.9	890.43	24387	2.31	9200	PR0840 900 - M - - - .75 B	56C	17.2	16.3
	1.6	1059.38	29015	1.66	9200	PR0840 11C - M - - - .75 B	56C	17.1	16.2
	2.3	748.42	20215	3.67	9200	PR1240 800 - M - - - .75 B	56C	18.1	17.2
	2.0	890.43	24051	3.12	9200	PR1240 900 - M - - - .75 B	56C	18.0	17.1
	1.7	1059.38	28615	2.24	9200	PR1240 11C - M - - - .75 B	56C	18.0	17.0
	1.95	898.11	24258	3.43	12100	PR1640 900 - M - - - .75 B	56C	28.8	20.7
	1.64	1068.52	28861	2.92	12100	PR1640 11C - M - - - .75 B	56C	28.6	20.6
1.0 HP **4 - Pole**	25.0	70.09	2524	3.16	2900	PR0130 71. - M - - - 1.0 B	143TC	10.5	9.8
	23.0	76.04	2739	3.61	2900	PR0130 80. - M - - - 1.0 B	143TC	10.5	9.8
	19.0	91.99	3313	3.02	2900	PR0130 90. - M - - - 1.0 B	143TC	10.4	9.7
	15.7	111.51	4016	2.05	2900	PR0130 112 - M - - - 1.0 B	143TC	10.3	9.6
	14.4	121.23	4366	1.32	2900	PR0130 125 - M - - - 1.0 B	143TC	10.3	9.6
	11.9	146.65	5282	1.11	2900	PR0130 140 - M - - - 1.0 B	143TC	10.2	9.5
	9.9	177.40	6389	0.68	2900	PR0130 160 - M - - - 1.0 B	143TC	10.1	9.5
	9.4	185.49	6680	1.57	2900	PR0140 180 - M - - - 1.0 B	143TC	9.8	9.2
	7.8	224.86	8098	1.31	2900	PR0140 225 - M - - - 1.0 B	143TC	9.7	9.1
	6.4	272.58	9817	1.09	2900	PR0140 250 - M - - - 1.0 B	143TC	9.6	9.1
	5.9	295.72	10650	1.01	2900	PR0140 280 - M - - - 1.0 B	143TC	9.6	9.1
	5.3	330.44	11900	0.74	2900	PR0140 315 - M - - - 1.0 B	143TC	9.6	9.0
	4.9	357.73	12883	0.85	2900	PR0140 360 - M - - - 1.0 B	143TC	9.6	9.0
	15.7	111.51	4016	3.78	2900	PR0230 112 - M - - - 1.0 B	143TC	10.9	10.2
	14.4	121.23	4366	2.44	2900	PR0230 125 - M - - - 1.0 B	143TC	10.9	10.2
	11.9	146.65	5282	2.04	2900	PR0230 140 - M - - - 1.0 B	143TC	10.8	10.1
	9.9	177.40	6389	1.26	2900	PR0230 160 - M - - - 1.0 B	143TC	10.7	10.0
	9.4	185.49	6680	2.89	2900	PR0240 180 - M - - - 1.0 B	143TC	10.0	9.4
	7.8	224.86	8098	2.42	2900	PR0240 225 - M - - - 1.0 B	143TC	9.9	9.3
	6.4	272.58	9817	2.02	2900	PR0240 250 - M - - - 1.0 B	143TC	9.8	9.3
	5.9	295.72	10650	1.87	2900	PR0240 280 - M - - - 1.0 B	143TC	9.8	9.2
	5.3	330.44	11900	1.37	2900	PR0240 315 - M - - - 1.0 B	143TC	9.8	9.2
	4.9	357.73	12883	1.56	2900	PR0240 360 - M - - - 1.0 B	143TC	9.8	9.2
	4.0	433.65	15618	1.31	2900	PR0240 400 - M - - - 1.0 B	143TC	9.7	9.1
	3.7	471.46	16979	1.21	2900	PR0240 450 - M - - - 1.0 B	143TC	9.7	9.1
	3.3	525.69	18932	0.88	2900	PR0240 500 - M - - - 1.0 B	143TC	9.7	9.1
	3.1	570.32	20540	1.01	2900	PR0240 560 - M - - - 1.0 B	143TC	9.6	9.1
	2.5	689.90	24846	0.85	2900	PR0240 710 - M - - - 1.0 B	143TC	9.6	9.0
	13.2	133.05	4792	3.87	6400	PR0330 140 - M - - - 1.0 B	143TC	14.4	13.9
	11.1	158.30	5701	2.45	6400	PR0330 160 - M - - - 1.0 B	143TC	14.3	13.8
	10.1	173.75	6258	5.10	6400	PR0340 180 - M - - - 1.0 B	143TC	13.0	12.6
	8.3	210.63	7586	4.26	6400	PR0340 200 - M - - - 1.0 B	143TC	13.0	12.6
	6.9	255.34	9196	3.56	6400	PR0340 250 - M - - - 1.0 B	143TC	12.9	12.5
	6.3	277.01	9976	3.30	6400	PR0340 280 - M - - - 1.0 B	143TC	12.8	12.5
	5.7	305.86	11015	2.55	6400	PR0340 315 - M - - - 1.0 B	143TC	12.8	12.4
	5.2	335.10	12068	2.76	6400	PR0340 360 - M - - - 1.0 B	143TC	12.8	12.4
	4.3	406.22	14630	2.30	6400	PR0340 400 - M - - - 1.0 B	143TC	12.7	12.3
	4.0	441.64	15905	2.13	6400	PR0340 450 - M - - - 1.0 B	143TC	12.7	12.3
	3.6	486.59	17524	1.65	6400	PR0340 500 - M - - - 1.0 B	143TC	12.6	12.3
	3.3	534.24	19240	1.78	6400	PR0340 560 - M - - - 1.0 B	143TC	12.6	12.2
	2.7	646.26	23274	1.49	6400	PR0340 630 - M - - - 1.0 B	143TC	12.5	12.2
	2.3	774.13	27880	1.07	6400	PR0340 710 - M - - - 1.0 B	143TC	12.5	12.1
	11.1	158.30	5701	3.76	6400	PR0530 160 - M - - - 1.0 B	143TC	14.9	14.4
	10.1	173.75	6258	7.85	6400	PR0540 180 - M - - - 1.0 B	143TC	13.5	13.1
	8.3	210.63	7586	6.56	6400	PR0540 200 - M - - - 1.0 B	143TC	13.4	13.1
	6.9	255.34	9196	5.47	6400	PR0540 250 - M - - - 1.0 B	143TC	13.4	13.0
	6.3	277.01	9976	5.07	6400	PR0540 280 - M - - - 1.0 B	143TC	13.3	12.9
	5.7	305.86	11015	3.93	6400	PR0540 315 - M - - - 1.0 B	143TC	13.3	12.9
	5.2	335.10	12068	4.24	6400	PR0540 360 - M - - - 1.0 B	143TC	13.3	12.9
	4.3	406.22	14630	3.54	6400	PR0540 400 - M - - - 1.0 B	143TC	13.2	12.8
	4.0	441.64	15905	3.28	6400	PR0540 450 - M - - - 1.0 B	143TC	13.2	12.8
	3.6	486.59	17524	2.54	6400	PR0540 500 - M - - - 1.0 B	143TC	13.1	12.7
	3.3	534.24	19240	2.74	6400	PR0540 560 - M - - - 1.0 B	143TC	13.1	12.7
	2.7	646.26	23274	2.29	6400	PR0540 630 - M - - - 1.0 B	143TC	13.0	12.6
	2.3	774.13	27880	1.64	6400	PR0540 710 - M - - - 1.0 B	143TC	12.9	12.6
	2.1	824.93	29709	1.08	6400	PR0540 800 - M - - - 1.0 B	143TC	12.9	12.5
	1.8	997.90	35938	0.90	6400	PR0540 10C - M - - - 1.0 B	143TC	12.8	12.5

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
1.0 HP	3.0	576.66	21058	4.39	9200	PR0840 560 - M - - - 1.0 B	143TC	17.4	16.5
	2.8	618.70	22593	2.43	9200	PR0840 630 - M - - - 1.0 B	143TC	17.4	16.4
	2.5	690.76	25225	3.19	9200	PR0840 710 - M - - - 1.0 B	143TC	17.3	16.4
4 - Pole	2.3	748.42	27331	2.04	9200	PR0840 800 - M - - - 1.0 B	143TC	17.3	16.4
	1.9	890.43	32517	1.73	9200	PR0840 900 - M - - - 1.0 B	143TC	17.2	16.3
	1.6	1059.38	38686	1.24	9200	PR0840 11C - M - - - 1.0 B	143TC	17.1	16.2
	2.8	618.70	22282	3.29	9200	PR1240 630 - M - - - 1.0 B	143TC	18.2	17.3
	2.5	690.76	24877	4.12	9200	PR1240 710 - M - - - 1.0 B	143TC	18.2	17.3
	2.3	748.42	26954	2.75	9200	PR1240 800 - M - - - 1.0 B	143TC	18.1	17.2
	2.0	890.43	32068	2.34	9200	PR1240 900 - M - - - 1.0 B	143TC	18.0	17.1
	1.7	1059.38	38153	1.68	9200	PR1240 11C - M - - - 1.0 B	143TC	18.0	17.0
	1.95	898.11	32345	2.58	12100	PR1640 900 - M - - - 1.0 B	143TC	28.8	20.7
	1.64	1068.52	38482	2.19	12100	PR1640 11C - M - - - 1.0 B	143TC	28.6	20.6
	1.92	910.40	32787	5.61	18000	PR2540 900 - M - - - 1.0 B	143TC	-	23.7
	1.60	1094.23	39408	3.57	18000	PR2540 11C - M - - - 1.0 B	143TC	-	23.6
1.5 HP	89.5	19.55	1056	4.87	2221	PR0120 18. - M - - - 1.5 B	145TC	12.1	11.3
	74.0	23.65	1278	3.01	2686	PR0120 22. - M - - - 1.5 B	145TC	11.9	11.1
4 - Pole	36.7	47.70	2577	3.73	2900	PR0130 45. - M - - - 1.5 B	145TC	10.7	10.0
	30.3	57.82	3124	3.11	2900	PR0130 56. - M - - - 1.5 B	145TC	10.6	9.9
	25.0	70.09	3786	2.11	2900	PR0130 71. - M - - - 1.5 B	145TC	10.5	9.8
	23.0	76.04	4108	2.41	2900	PR0130 80. - M - - - 1.5 B	145TC	10.5	9.8
	19.0	91.99	4969	2.02	2900	PR0130 90. - M - - - 1.5 B	145TC	10.4	9.7
	15.7	111.51	6024	1.36	2900	PR0130 112 - M - - - 1.5 B	145TC	10.3	9.6
	14.4	121.23	6549	0.88	2900	PR0130 125 - M - - - 1.5 B	145TC	10.3	9.6
	9.4	185.49	10020	1.04	2900	PR0140 180 - M - - - 1.5 B	145TC	9.8	9.2
	7.8	224.86	12147	0.87	2900	PR0140 225 - M - - - 1.5 B	145TC	9.7	9.1
	19.0	91.99	4969	3.72	2900	PR0230 90. - M - - - 1.5 B	145TC	11.0	10.3
	15.7	111.51	6024	2.52	2900	PR0230 112 - M - - - 1.5 B	145TC	10.9	10.2
	14.4	121.23	6549	1.63	2900	PR0230 125 - M - - - 1.5 B	145TC	10.9	10.2
	11.9	146.65	7922	1.36	2900	PR0230 140 - M - - - 1.5 B	145TC	10.8	10.1
	9.9	177.40	9584	0.84	2900	PR0230 160 - M - - - 1.5 B	145TC	10.7	10.0
	9.4	185.49	10020	1.93	2900	PR0240 180 - M - - - 1.5 B	145TC	10.0	9.4
	7.8	224.86	12147	1.61	2900	PR0240 225 - M - - - 1.5 B	145TC	9.9	9.3
	6.4	272.58	14725	1.35	2900	PR0240 250 - M - - - 1.5 B	145TC	9.8	9.3
	5.9	295.72	15975	1.25	2900	PR0240 280 - M - - - 1.5 B	145TC	9.8	9.2
	5.3	330.44	17851	0.91	2900	PR0240 315 - M - - - 1.5 B	145TC	9.8	9.2
	4.9	357.73	19325	1.04	2900	PR0240 360 - M - - - 1.5 B	145TC	9.8	9.2
	4.0	433.65	23427	0.87	2900	PR0240 400 - M - - - 1.5 B	145TC	9.7	9.1
	3.7	471.46	25469	0.81	2900	PR0240 450 - M - - - 1.5 B	145TC	9.7	9.1
	15.9	109.99	5942	3.08	6400	PR0330 112 - M - - - 1.5 B	145TC	14.5	14.1
	13.2	133.05	7188	2.58	6400	PR0330 140 - M - - - 1.5 B	145TC	14.4	13.9
	11.1	158.30	8552	1.63	6400	PR0330 160 - M - - - 1.5 B	145TC	14.3	13.8
	10.1	173.75	9386	3.40	6400	PR0340 180 - M - - - 1.5 B	145TC	13.0	12.6
	8.3	210.63	11379	2.84	6400	PR0340 200 - M - - - 1.5 B	145TC	13.0	12.6
	6.9	255.34	13794	2.37	6400	PR0340 250 - M - - - 1.5 B	145TC	12.9	12.5
	6.3	277.01	14965	2.20	6400	PR0340 280 - M - - - 1.5 B	145TC	12.8	12.5
	5.7	305.86	16523	1.70	6400	PR0340 315 - M - - - 1.5 B	145TC	12.8	12.4
	5.2	335.10	18102	1.84	6400	PR0340 360 - M - - - 1.5 B	145TC	12.8	12.4
	4.3	406.22	21944	1.54	6400	PR0340 400 - M - - - 1.5 B	145TC	12.7	12.3
	4.0	441.64	23858	1.42	6400	PR0340 450 - M - - - 1.5 B	145TC	12.7	12.3
	3.6	486.59	26286	1.10	6400	PR0340 500 - M - - - 1.5 B	145TC	12.6	12.3
	3.3	534.24	28860	1.19	6400	PR0340 560 - M - - - 1.5 B	145TC	12.6	12.2
	2.7	646.26	34912	0.99	6400	PR0340 630 - M - - - 1.5 B	145TC	12.5	12.2
	6.9	255.34	13794	3.65	6400	PR0540 250 - M - - - 1.5 B	145TC	13.4	13.0
	6.3	277.01	14965	3.38	6400	PR0540 280 - M - - - 1.5 B	145TC	13.3	12.9
	5.7	305.86	16523	2.62	6400	PR0540 315 - M - - - 1.5 B	145TC	13.3	12.9
	5.2	335.10	18102	2.83	6400	PR0540 360 - M - - - 1.5 B	145TC	13.3	12.9
	4.3	406.22	21944	2.36	6400	PR0540 400 - M - - - 1.5 B	145TC	13.2	12.8
	4.0	441.64	23858	2.18	6400	PR0540 450 - M - - - 1.5 B	145TC	13.2	12.8
	3.6	486.59	26286	1.69	6400	PR0540 500 - M - - - 1.5 B	145TC	13.1	12.7
	3.3	534.24	28860	1.83	6400	PR0540 560 - M - - - 1.5 B	145TC	13.1	12.7
	2.7	646.26	34912	1.53	6400	PR0540 630 - M - - - 1.5 B	145TC	13.0	12.6
	2.3	774.13	41819	1.10	6400	PR0540 710 - M - - - 1.5 B	145TC	12.9	12.6

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
1.5 HP **4 - Pole**	4.3	400.68	21948	4.11	9200	PR0840 400 - M - - - 1.5 B	145TC	17.6	16.6
	3.8	450.40	24672	3.17	9200	PR0840 450 - M - - - 1.5 B	145TC	17.5	16.6
	3.6	484.69	26550	3.44	9200	PR0840 500 - M - - - 1.5 B	145TC	17.5	16.5
	3.0	576.66	31588	2.92	9200	PR0840 560 - M - - - 1.5 B	145TC	17.4	16.5
	2.8	618.70	33890	1.62	9200	PR0840 630 - M - - - 1.5 B	145TC	17.4	16.4
	2.5	690.76	37838	2.12	9200	PR0840 710 - M - - - 1.5 B	145TC	17.3	16.4
	2.3	748.42	40996	1.36	9200	PR0840 800 - M - - - 1.5 B	145TC	17.3	16.3
	1.9	890.43	48775	1.15	9200	PR0840 900 - M - - - 1.5 B	145TC	17.2	16.3
	1.6	1059.38	58030	0.83	9200	PR0840 11C - M - - - 1.5 B	145TC	17.1	16.2
	3.0	576.66	31152	3.67	9200	PR1240 560 - M - - - 1.5 B	145TC	18.3	17.3
	2.8	618.70	33423	2.19	9200	PR1240 630 - M - - - 1.5 B	145TC	18.2	17.3
	2.5	690.76	37316	2.74	9200	PR1240 710 - M - - - 1.5 B	145TC	18.2	17.3
	2.3	748.42	40431	1.83	9200	PR1240 800 - M - - - 1.5 B	145TC	18.1	17.2
	2.0	890.43	48102	1.56	9200	PR1240 900 - M - - - 1.5 B	145TC	18.0	17.1
	1.7	1059.38	57229	1.12	9200	PR1240 11C - M - - - 1.5 B	145TC	18.0	17.0
	2.29	765.11	41332	3.22	12100	PR1640 710 - M - - - 1.5 B	145TC	28.9	20.8
	1.95	898.11	48517	1.72	12100	PR1640 900 - M - - - 1.5 B	145TC	28.8	20.7
	1.64	1068.52	57723	1.46	12100	PR1640 11C - M - - - 1.5 B	145TC	28.6	20.6
	2.29	765.20	41337	4.41	18000	PR2540 800 - M - - - 1.5 B	145TC	-	23.8
	1.92	910.40	49181	3.74	18000	PR2540 900 - M - - - 1.5 B	145TC	-	23.7
	1.60	1094.23	59112	2.38	18000	PR2540 11C - M - - - 1.5 B	145TC	-	23.6
2.0 HP **4 - Pole**	89.5	19.55	1408	3.66	2221	PR0120 18. - M - - - 2.0 B	145TC	12.1	11.3
	74.0	23.65	1704	2.26	2686	PR0120 22. - M - - - 2.0 B	145TC	11.9	11.1
	36.7	47.70	3436	2.80	2900	PR0130 45. - M - - - 2.0 B	145TC	10.7	10.0
	30.3	57.82	4165	2.34	2900	PR0130 56. - M - - - 2.0 B	145TC	10.6	9.9
	25.0	70.09	5049	1.58	2900	PR0130 71. - M - - - 2.0 B	145TC	10.5	9.8
	23.0	76.04	5477	1.81	2900	PR0130 80. - M - - - 2.0 B	145TC	10.5	9.8
	19.0	91.99	6626	1.51	2900	PR0130 90. - M - - - 2.0 B	145TC	10.4	9.7
	15.7	111.51	8032	1.02	2900	PR0130 112 - M - - - 2.0 B	145TC	10.3	9.6
	30.3	57.82	4165	4.31	2900	PR0230 56. - M - - - 2.0 B	145TC	11.2	10.5
	25.0	70.09	5049	2.92	2900	PR0230 71. - M - - - 2.0 B	145TC	11.1	10.4
	23.0	76.04	5477	3.34	2900	PR0230 80. - M - - - 2.0 B	145TC	11.1	10.4
	19.0	91.99	6626	2.79	2900	PR0230 90. - M - - - 2.0 B	145TC	11.0	10.3
	15.7	111.51	8032	1.89	2900	PR0230 112 - M - - - 2.0 B	145TC	10.9	10.2
	14.4	121.23	8732	1.22	2900	PR0230 125 - M - - - 2.0 B	145TC	10.9	10.2
	11.9	146.65	10563	1.02	2900	PR0230 140 - M - - - 2.0 B	145TC	10.8	10.1
	9.9	177.40	12778	0.63	2900	PR0230 160 - M - - - 2.0 B	145TC	10.7	10.0
	9.4	185.49	13360	1.45	2900	PR0240 180 - M - - - 2.0 B	145TC	10.0	9.4
	7.8	224.86	16196	1.21	2900	PR0240 225 - M - - - 2.0 B	145TC	9.9	9.3
	6.4	272.58	19634	1.01	2900	PR0240 250 - M - - - 2.0 B	145TC	9.8	9.3
	5.9	295.72	21300	0.93	2900	PR0240 280 - M - - - 2.0 B	145TC	9.8	9.2
	16.8	86.17	7491	4.08	6400	PR0330 90. - M - - - 2.0 B	145TC	10.9	10.6
	14.0	103.22	8973	2.92	6400	PR0330 100 - M - - - 2.0 B	145TC	10.9	10.5
	13.2	109.99	9562	1.92	6400	PR0330 112 - M - - - 2.0 B	145TC	10.8	10.5
	10.9	133.05	11566	1.60	6400	PR0330 140 - M - - - 2.0 B	145TC	10.7	10.4
	9.2	158.30	13761	1.01	6400	PR0330 160 - M - - - 2.0 B	145TC	10.7	10.3
	8.3	173.75	15105	2.11	6400	PR0340 180 - M - - - 2.0 B	145TC	9.7	9.4
	6.9	210.63	18310	1.77	6400	PR0340 200 - M - - - 2.0 B	145TC	9.7	9.4
	5.7	255.34	22197	1.47	6400	PR0340 250 - M - - - 2.0 B	145TC	9.6	9.3
	5.2	277.01	24081	1.37	6400	PR0340 280 - M - - - 2.0 B	145TC	9.6	9.3
	4.7	305.86	26589	1.06	6400	PR0340 315 - M - - - 2.0 B	145TC	9.6	9.3
	4.3	335.10	29130	1.14	6400	PR0340 360 - M - - - 2.0 B	145TC	9.5	9.2
	3.6	406.22	35313	0.95	6400	PR0340 400 - M - - - 2.0 B	145TC	9.5	9.2
	3.3	441.64	38392	0.88	6400	PR0340 450 - M - - - 2.0 B	145TC	9.5	9.2
	15.9	109.99	7922	3.56	6400	PR0530 112 - M - - - 2.0 B	145TC	15.1	14.6
	13.2	133.05	9584	2.98	6400	PR0530 140 - M - - - 2.0 B	145TC	15.0	14.5
	11.1	158.30	11402	1.88	6400	PR0530 160 - M - - - 2.0 B	145TC	14.9	14.4
	10.1	173.75	12515	3.93	6400	PR0540 180 - M - - - 2.0 B	145TC	13.5	13.1
	8.3	210.63	15171	3.28	6400	PR0540 200 - M - - - 2.0 B	145TC	13.4	13.1
	6.9	255.34	18392	2.74	6400	PR0540 250 - M - - - 2.0 B	145TC	13.4	13.0
	6.3	277.01	19953	2.54	6400	PR0540 280 - M - - - 2.0 B	145TC	13.3	12.9
	5.7	305.86	22031	1.96	6400	PR0540 315 - M - - - 2.0 B	145TC	13.3	12.9
	5.2	335.10	24136	2.12	6400	PR0540 360 - M - - - 2.0 B	145TC	13.3	12.9
	4.3	406.22	29259	1.77	6400	PR0540 400 - M - - - 2.0 B	145TC	13.2	12.8
	4.0	441.64	31810	1.64	6400	PR0540 450 - M - - - 2.0 B	145TC	13.2	12.8
	3.6	486.59	35049	1.27	6400	PR0540 500 - M - - - 2.0 B	145TC	13.1	12.7
	3.3	534.24	38480	1.37	6400	PR0540 560 - M - - - 2.0 B	145TC	13.1	12.7
	2.7	646.26	46549	1.15	6400	PR0540 630 - M - - - 2.0 B	145TC	13.0	12.6
	2.3	774.13	55759	0.82	6400	PR0540 710 - M - - - 2.0 B	145TC	12.9	12.6

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
2.0 HP	6.10	283.11	20677	3.68	9200	PR0840 280 - M - - - 2.0 B	145TC	17.8	16.8
	5.50	313.90	22926	3.88	9200	PR0840 315 - M - - - 2.0 B	145TC	17.7	16.8
	4.59	376.00	27462	3.27	9200	PR0840 360 - M - - - 2.0 B	145TC	17.6	16.7
4 - Pole	4.31	400.68	29264	3.09	9200	PR0840 400 - M - - - 2.0 B	145TC	17.6	16.6
	3.83	450.40	32895	2.38	9200	PR0840 450 - M - - - 2.0 B	145TC	17.5	16.6
	3.56	484.69	35400	2.58	9200	PR0840 500 - M - - - 2.0 B	145TC	17.5	16.5
	2.99	576.66	42117	2.19	9200	PR0840 560 - M - - - 2.0 B	145TC	17.4	16.5
	2.79	618.70	45187	1.22	9200	PR0840 630 - M - - - 2.0 B	145TC	17.4	16.4
	2.50	690.76	50450	1.59	9200	PR0840 710 - M - - - 2.0 B	145TC	17.3	16.4
	2.31	748.42	54662	1.02	9200	PR0840 800 - M - - - 2.0 B	145TC	17.3	16.3
	1.94	890.43	65033	0.86	9200	PR0840 900 - M - - - 2.0 B	145TC	17.2	16.3
	4.37	400.68	28860	3.87	9200	PR1240 400 - M - - - 2.0 B	145TC	18.5	17.5
	3.89	450.40	32442	3.07	9200	PR1240 450 - M - - - 2.0 B	145TC	18.4	17.5
	3.61	484.69	34912	3.24	9200	PR1240 500 - M - - - 2.0 B	145TC	18.4	17.4
	3.03	576.66	41536	2.75	9200	PR1240 560 - M - - - 2.0 B	145TC	18.3	17.3
	2.83	618.70	44564	1.64	9200	PR1240 630 - M - - - 2.0 B	145TC	18.2	17.3
	2.53	690.76	49754	2.06	9200	PR1240 710 - M - - - 2.0 B	145TC	18.2	17.3
	2.34	748.42	53908	1.37	9200	PR1240 800 - M - - - 2.0 B	145TC	18.1	17.2
	1.97	890.43	64136	1.17	9200	PR1240 900 - M - - - 2.0 B	145TC	18.0	17.1
	1.65	1059.38	76306	0.84	9200	PR1240 11C - M - - - 2.0 B	145TC	18.0	17.0
	3.29	531.62	38292	3.40	12100	PR1640 560 - M - - - 2.0 B	145TC	29.2	21.0
	2.85	613.41	44183	3.81	12100	PR1640 630 - M - - - 2.0 B	145TC	29.1	20.9
	2.29	765.11	55110	2.42	12100	PR1640 710 - M - - - 2.0 B	145TC	28.9	20.8
	1.95	898.11	64689	1.29	12100	PR1640 900 - M - - - 2.0 B	145TC	28.8	20.7
	1.64	1068.52	76964	1.09	12100	PR1640 11C - M - - - 2.0 B	145TC	28.6	20.6
	2.72	643.17	46326	3.89	18000	PR2540 630 - M - - - 2.0 B	145TC	-	23.9
	2.50	700.31	50442	4.75	18000	PR2540 710 - M - - - 2.0 B	145TC	-	23.9
	2.29	765.20	55116	3.30	18000	PR2540 800 - M - - - 2.0 B	145TC	-	23.8
	1.92	910.40	65574	2.81	18000	PR2540 900 - M - - - 2.0 B	145TC	-	23.7
	1.60	1094.23	78815	1.79	18000	PR2540 11C - M - - - 2.0 B	145TC	-	23.6
	1.24	1414.11	101856	4.05	25000	PR4040 14C - M - - - 2.0 B	145TC	-	23.6
	0.98	1793.64	129193	2.41	25000	PR4040 18C - M - - - 2.0 B	145TC	-	23.5
	0.83	2105.39	151648	1.74	25000	PR4040 20C - M - - - 2.0 B	145TC	-	23.4
3.0 HP	142.7	12.26	1325	6.01	1393	PR0120 12. - M - - - 3.0 B	182TC	12.7	11.8
	117.7	14.87	1606	4.51	1688	PR0120 14. - M - - - 3.0 B	182TC	12.5	11.6
	89.5	19.55	2113	2.44	2221	PR0120 18. - M - - - 3.0 B	182TC	12.1	11.3
4 - Pole	74.0	23.65	2556	1.50	2686	PR0120 22. - M - - - 3.0 B	182TC	11.9	11.1
	36.7	47.70	5153	1.86	2900	PR0130 45. - M - - - 3.0 B	182TC	10.7	10.0
	30.3	57.82	6247	1.56	2900	PR0130 56. - M - - - 3.0 B	182TC	10.6	9.9
	72.6	24.11	2605	3.53	2738	PR0130 25. - M - - - 3.0 B	182TC	12.1	10.9
	60.0	29.17	3151	2.96	2900	PR0130 28. - M - - - 3.0 B	182TC	11.9	10.7
	49.5	35.36	3820	2.00	2900	PR0130 36. - M - - - 3.0 B	182TC	11.6	10.4
	45.5	38.44	4153	1.29	2900	PR0130 40. - M - - - 3.0 B	182TC	11.5	10.3
	37.6	46.50	5024	1.08	2900	PR0130 45. - M - - - 3.0 B	182TC	11.2	10.1
	29.8	58.81	6354	1.53	2900	PR0130 63. - M - - - 3.0 B	182TC	9.3	8.5
	24.5	71.30	7703	1.28	2900	PR0130 71. - M - - - 3.0 B	182TC	9.2	8.4
	20.2	86.43	9338	1.07	2900	PR0130 80. - M - - - 3.0 B	182TC	9.1	8.4
	18.7	93.77	10131	0.99	2900	PR0130 90. - M - - - 3.0 B	182TC	9.1	8.3
	89.5	19.55	2113	4.50	2221	PR0220 18. - M - - - 3.0 B	182TC	12.4	11.6
	74.0	23.65	2556	2.77	2686	PR0220 22. - M - - - 3.0 B	182TC	12.2	11.4
	36.7	47.70	5153	3.44	2900	PR0230 45. - M - - - 3.0 B	182TC	11.3	10.6
	30.3	57.82	6247	2.88	2900	PR0230 56. - M - - - 3.0 B	182TC	11.2	10.5
	25.0	70.09	7573	1.95	2900	PR0230 71. - M - - - 3.0 B	182TC	11.1	10.4
	23.0	76.04	8216	2.22	2900	PR0230 80. - M - - - 3.0 B	182TC	11.1	10.4
	19.0	91.99	9939	1.86	2900	PR0230 90. - M - - - 3.0 B	182TC	11.0	10.3
	15.7	111.51	12048	1.26	2900	PR0230 112 - M - - - 3.0 B	182TC	10.9	10.2
	14.4	121.23	13098	0.81	2900	PR0230 125 - M - - - 3.0 B	182TC	10.9	10.2
	9.4	185.49	20041	0.96	2900	PR0240 180 - M - - - 3.0 B	182TC	10.0	9.4
	7.8	224.86	24294	0.81	2900	PR0240 225 - M - - - 3.0 B	182TC	9.9	9.3
	27.0	64.88	7010	3.64	6400	PR0330 63. - M - - - 3.0 B	182TC	14.9	14.4
	24.6	71.23	7696	3.92	6400	PR0330 71. - M - - - 3.0 B	182TC	14.8	14.3
	20.3	86.17	9310	3.28	6400	PR0330 90. - M - - - 3.0 B	182TC	14.7	14.2
	17.0	103.22	11152	2.35	6400	PR0330 100 - M - - - 3.0 B	182TC	14.6	14.1
	15.9	109.99	11884	1.54	6400	PR0330 112 - M - - - 3.0 B	182TC	14.5	14.1
	13.2	133.05	14375	1.29	6400	PR0330 140 - M - - - 3.0 B	182TC	14.4	14.0
	11.1	158.30	17103	0.82	6400	PR0330 160 - M - - - 3.0 B	182TC	14.3	13.8

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
3.0 HP	17.0	103.22	11152	3.62	6400	PR0530 100 - M - - - 3.0 B	182TC	15.1	14.7
	15.9	109.99	11884	2.37	6400	PR0530 112 - M - - - 3.0 B	182TC	15.1	14.6
	13.2	133.05	14375	1.98	6400	PR0530 140 - M - - - 3.0 B	182TC	15.0	14.5
4 - Pole	11.1	158.30	17103	1.25	6400	PR0530 160 - M - - - 3.0 B	182TC	14.9	14.4
	10.1	173.75	18773	2.62	6400	PR0540 180 - M - - - 3.0 B	182TC	13.5	13.1
	8.3	210.63	22757	2.19	6400	PR0540 200 - M - - - 3.0 B	182TC	13.4	13.1
	6.9	255.34	27587	1.82	6400	PR0540 250 - M - - - 3.0 B	182TC	13.4	13.0
	6.3	277.01	29929	1.69	6400	PR0540 280 - M - - - 3.0 B	182TC	13.3	12.9
	5.7	305.86	33046	1.31	6400	PR0540 315 - M - - - 3.0 B	182TC	13.3	12.9
	5.2	335.10	36205	1.41	6400	PR0540 360 - M - - - 3.0 B	182TC	13.3	12.9
	4.3	406.22	43889	1.18	6400	PR0540 400 - M - - - 3.0 B	182TC	13.2	12.8
	4.0	441.64	47716	1.09	6400	PR0540 450 - M - - - 3.0 B	182TC	13.2	12.8
	3.6	486.59	52573	0.85	6400	PR0540 500 - M - - - 3.0 B	182TC	13.1	12.7
	3.3	534.24	57721	0.91	6400	PR0540 560 - M - - - 3.0 B	182TC	13.1	12.7
	14.1	123.69	13363	3.71	9200	PR0830 125 - M - - - 3.0 B	182TC	21.7	20.5
	11.9	147.15	15899	3.15	9200	PR0830 140 - M - - - 3.0 B	182TC	21.5	20.4
	10.0	175.08	18916	2.27	9200	PR0830 180 - M - - - 3.0 B	182TC	21.4	20.2
	10.8	162.76	17585	4.85	9200	PR0840 180 - M - - - 3.0 B	182TC	18.1	17.1
	8.9	197.31	21317	4.05	9200	PR0840 200 - M - - - 3.0 B	182TC	17.9	17.0
	7.4	236.35	25535	3.42	9200	PR0840 225 - M - - - 3.0 B	182TC	17.9	16.9
	6.7	259.49	28036	3.13	9200	PR0840 250 - M - - - 3.0 B	182TC	17.8	16.9
	6.2	283.11	30588	2.48	9200	PR0840 280 - M - - - 3.0 B	182TC	17.8	16.8
	5.6	313.90	33914	2.62	9200	PR0840 315 - M - - - 3.0 B	182TC	17.7	16.8
	4.7	376.00	40624	2.21	9200	PR0840 360 - M - - - 3.0 B	182TC	17.6	16.7
	4.4	400.68	43290	2.08	9200	PR0840 400 - M - - - 3.0 B	182TC	17.6	16.6
	3.9	450.40	48662	1.61	9200	PR0840 450 - M - - - 3.0 B	182TC	17.5	16.6
	3.6	484.69	52367	1.74	9200	PR0840 500 - M - - - 3.0 B	182TC	17.5	16.5
	3.0	576.66	62304	1.48	9200	PR0840 560 - M - - - 3.0 B	182TC	17.4	16.5
	2.8	618.70	66845	0.82	9200	PR0840 630 - M - - - 3.0 B	182TC	17.4	16.4
	2.5	690.76	74631	1.08	9200	PR0840 710 - M - - - 3.0 B	182TC	17.3	16.4
	6.7	259.49	28036	3.87	9200	PR1240 250 - M - - - 3.0 B	182TC	18.7	17.8
	6.2	283.11	30588	3.17	9200	PR1240 280 - M - - - 3.0 B	182TC	18.7	17.7
	5.6	313.90	33914	3.24	9200	PR1240 315 - M - - - 3.0 B	182TC	18.6	17.7
	4.7	376.00	40624	2.74	9200	PR1240 360 - M - - - 3.0 B	182TC	18.5	17.6
	4.4	400.68	43290	2.58	9200	PR1240 400 - M - - - 3.0 B	182TC	18.5	17.5
	3.9	450.40	48662	2.05	9200	PR1240 450 - M - - - 3.0 B	182TC	18.4	17.5
	3.6	484.69	52367	2.16	9200	PR1240 500 - M - - - 3.0 B	182TC	18.4	17.4
	3.0	576.66	62304	1.83	9200	PR1240 560 - M - - - 3.0 B	182TC	18.3	17.3
	2.8	618.70	66845	1.10	9200	PR1240 630 - M - - - 3.0 B	182TC	18.2	17.3
	2.5	690.76	74631	1.37	9200	PR1240 710 - M - - - 3.0 B	182TC	18.2	17.3
	2.3	748.42	80861	0.92	9200	PR1240 800 - M - - - 3.0 B	182TC	18.1	17.2
	5.1	344.29	37198	3.40	12100	PR1640 360 - M - - - 3.0 B	182TC	29.6	21.3
	4.4	399.97	43213	3.79	12100	PR1640 400 - M - - - 3.0 B	182TC	29.4	21.2
	4.1	426.21	46049	3.57	12100	PR1640 450 - M - - - 3.0 B	182TC	29.4	21.1
	3.4	515.58	55705	2.99	12100	PR1640 500 - M - - - 3.0 B	182TC	29.2	21.0
	3.3	531.62	57438	2.27	12100	PR1640 560 - M - - - 3.0 B	182TC	29.2	21.0
	2.9	613.41	66274	2.54	12100	PR1640 630 - M - - - 3.0 B	182TC	29.1	20.9
	2.3	765.11	82665	1.61	12100	PR1640 710 - M - - - 3.0 B	182TC	28.9	20.8
	1.9	898.11	97034	0.86	12100	PR1640 900 - M - - - 3.0 B	182TC	28.8	20.7
	3.0	588.62	63596	3.72	18000	PR2540 560 - M - - - 3.0 B	182TC	-	24.0
	2.7	643.17	69489	2.59	18000	PR2540 630 - M - - - 3.0 B	182TC	-	23.9
	2.5	700.31	75663	3.16	18000	PR2540 710 - M - - - 3.0 B	182TC	-	23.9
	2.3	765.20	82675	2.20	18000	PR2540 800 - M - - - 3.0 B	182TC	-	23.8
	1.9	910.40	98362	1.87	18000	PR2540 900 - M - - - 3.0 B	182TC	-	23.7
	1.6	1094.23	118223	1.19	18000	PR2540 11C - M - - - 3.0 B	182TC	-	23.6
	2.2	785.77	84897	3.47	25000	PR4040 800 - M - - - 3.0 B	182TC	-	29.3
	1.9	934.87	101005	2.95	25000	PR4040 900 - M - - - 3.0 B	182TC	-	29.2
	1.6	1097.35	118561	2.13	25000	PR4040 11C - M - - - 3.0 B	182TC	-	29.1

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
5.0 HP	142.7	12.26	2209	3.61	1393	PR0120 12. - M - - - 5.0 B	184TC	12.7	11.8
	117.7	14.87	2677	2.70	1688	PR0120 14. - M - - - 5.0 B	184TC	12.4	11.6
	89.5	19.55	3521	1.46	2221	PR0120 18. - M - - - 5.0 B	184TC	12.1	11.3
4 - Pole	74.0	23.65	4259	0.90	2686	PR0120 22. - M - - - 5.0 B	184TC	11.9	11.1
	36.7	47.70	8589	1.12	2900	PR0130 45. - M - - - 5.0 B	184TC	10.7	10.0
	30.3	57.82	10412	0.93	2900	PR0130 56. - M - - - 5.0 B	184TC	10.6	9.9
	89.5	19.55	3521	2.70	2221	PR0220 18. - M - - - 5.0 B	184TC	12.4	11.6
	74.0	23.65	4259	1.66	2686	PR0220 22. - M - - - 5.0 B	184TC	12.2	11.4
	36.7	47.70	8589	2.07	2900	PR0230 45. - M - - - 5.0 B	184TC	11.3	10.6
	30.3	57.82	10412	1.73	2900	PR0230 56. - M - - - 5.0 B	184TC	11.2	10.5
	25.0	70.09	12622	1.17	2900	PR0230 71. - M - - - 5.0 B	184TC	11.1	10.4
	23.0	76.04	13693	1.33	2900	PR0230 80. - M - - - 5.0 B	184TC	11.1	10.4
	19.0	91.99	16564	1.12	2900	PR0230 90. - M - - - 5.0 B	184TC	11.0	10.3
	15.7	111.51	20080	0.76	2900	PR0230 112 - M - - - 5.0 B	184TC	10.9	10.2
	79.6	21.99	3960	4.18	6400	PR0320 22. - M - - - 5.0 B	184TC	19.8	19.2
	66.9	26.16	4711	2.64	6400	PR0320 25. - M - - - 5.0 B	184TC	19.5	18.9
	39.2	44.68	8045	3.64	6400	PR0330 45. - M - - - 5.0 B	184TC	15.1	14.6
	32.3	54.16	9753	3.04	6400	PR0330 56. - M - - - 5.0 B	184TC	15.0	14.5
	27.0	64.88	11683	2.18	6400	PR0330 63. - M - - - 5.0 B	184TC	14.9	14.4
	24.6	71.23	12827	2.35	6400	PR0330 71. - M - - - 5.0 B	184TC	14.8	14.3
	20.3	86.17	15516	1.97	6400	PR0330 90. - M - - - 5.0 B	184TC	14.7	14.2
	17.0	103.22	18586	1.41	6400	PR0330 100 - M - - - 5.0 B	184TC	14.6	14.1
	15.9	109.99	19806	0.93	6400	PR0330 112 - M - - - 5.0 B	184TC	14.5	14.1
	10.1	173.75	31288	1.02	6400	PR0340 180 - M - - - 5.0 B	184TC	13.0	12.6
	8.3	210.63	37929	0.85	6400	PR0340 200 - M - - - 5.0 B	184TC	13.0	12.6
	39.2	44.68	8045	5.61	6400	PR0530 45. - M - - - 5.0 B	184TC	15.7	15.2
	32.3	54.16	9753	4.68	6400	PR0530 56. - M - - - 5.0 B	184TC	15.6	15.1
	27.0	64.88	11683	3.36	6400	PR0530 63. - M - - - 5.0 B	184TC	15.5	15.0
	24.6	71.23	12827	3.62	6400	PR0530 71. - M - - - 5.0 B	184TC	15.4	14.9
	20.3	86.17	15516	3.03	6400	PR0530 90. - M - - - 5.0 B	184TC	15.3	14.8
	17.0	103.22	18586	2.17	6400	PR0530 100 - M - - - 5.0 B	184TC	15.1	14.7
	15.9	109.99	19806	1.42	6400	PR0530 112 - M - - - 5.0 B	184TC	15.1	14.6
	13.2	133.05	23959	1.19	6400	PR0530 140 - M - - - 5.0 B	184TC	15.0	14.5
	10.1	173.75	31288	1.57	6400	PR0540 180 - M - - - 5.0 B	184TC	13.5	13.1
	8.3	210.63	37929	1.31	6400	PR0540 200 - M - - - 5.0 B	184TC	13.4	13.1
	6.9	255.34	45979	1.09	6400	PR0540 250 - M - - - 5.0 B	184TC	13.4	13.0
	6.3	277.01	49882	1.01	6400	PR0540 280 - M - - - 5.0 B	184TC	13.3	12.9
	5.7	305.86	55076	0.79	6400	PR0540 315 - M - - - 5.0 B	184TC	13.3	12.9
	5.2	335.10	60341	0.85	6400	PR0540 360 - M - - - 5.0 B	184TC	13.3	12.9
	15.3	114.16	20556	3.49	9200	PR0830 112 - M - - - 5.0 B	184TC	21.7	20.6
	14.1	123.69	22272	2.23	9200	PR0830 125 - M - - - 5.0 B	184TC	21.7	20.5
	11.9	147.15	26498	1.89	9200	PR0830 140 - M - - - 5.0 B	184TC	21.5	20.4
	10.0	175.08	31526	1.36	9200	PR0830 180 - M - - - 5.0 B	184TC	21.4	20.2
	10.8	162.76	29309	2.91	9200	PR0840 180 - M - - - 5.0 B	184TC	18.1	17.1
	8.9	197.31	35529	2.43	9200	PR0840 200 - M - - - 5.0 B	184TC	17.9	17.0
	7.4	236.35	42559	2.05	9200	PR0840 225 - M - - - 5.0 B	184TC	17.9	16.9
	6.7	259.49	46726	1.88	9200	PR0840 250 - M - - - 5.0 B	184TC	17.8	16.9
	6.2	283.11	50980	1.49	9200	PR0840 280 - M - - - 5.0 B	184TC	17.8	16.8
	5.6	313.90	56524	1.57	9200	PR0840 315 - M - - - 5.0 B	184TC	17.7	16.8
	4.7	376.00	67707	1.33	9200	PR0840 360 - M - - - 5.0 B	184TC	17.6	16.7
	4.4	400.68	72151	1.25	9200	PR0840 400 - M - - - 5.0 B	184TC	17.6	16.6
	3.9	450.40	81104	0.96	9200	PR0840 450 - M - - - 5.0 B	184TC	17.5	16.6
	3.6	484.69	87279	1.05	9200	PR0840 500 - M - - - 5.0 B	184TC	17.5	16.5
	3.0	576.66	103840	0.89	9200	PR0840 560 - M - - - 5.0 B	184TC	17.4	16.5
	15.3	114.16	20556	4.45	9200	PR1230 112 - M - - - 5.0 B	184TC	22.6	21.5
	14.1	123.69	22272	2.97	9200	PR1230 125 - M - - - 5.0 B	184TC	22.5	21.4
	11.9	147.15	26498	2.52	9200	PR1230 140 - M - - - 5.0 B	184TC	22.3	21.2
	10.0	175.08	31526	1.81	9200	PR1230 180 - M - - - 5.0 B	184TC	22.2	21.1
	10.8	162.76	29309	3.60	9200	PR1240 180 - M - - - 5.0 B	184TC	19.0	18.0
	8.9	197.31	35529	3.01	9200	PR1240 200 - M - - - 5.0 B	184TC	18.9	17.9
	7.4	236.35	42559	2.54	9200	PR1240 225 - M - - - 5.0 B	184TC	18.8	17.8
	6.7	259.49	46726	2.32	9200	PR1240 250 - M - - - 5.0 B	184TC	18.7	17.8
	6.2	283.11	50980	1.90	9200	PR1240 280 - M - - - 5.0 B	184TC	18.7	17.7
	5.6	313.90	56524	1.95	9200	PR1240 315 - M - - - 5.0 B	184TC	18.6	17.7
	4.7	376.00	67707	1.64	9200	PR1240 360 - M - - - 5.0 B	184TC	18.5	17.6
	4.4	400.68	72151	1.55	9200	PR1240 400 - M - - - 5.0 B	184TC	18.5	17.5
	3.9	450.40	81104	1.23	9200	PR1240 450 - M - - - 5.0 B	184TC	18.4	17.5

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
5.0 HP	3.6	484.69	87279	1.29	9200	PR1240 500 - M - - - 5.0 B	184TC	18.4	17.4
	3.0	576.66	103840	1.10	9200	PR1240 560 - M - - - 5.0 B	184TC	18.3	17.3
	2.8	618.70	111409	0.66	9200	PR1240 630 - M - - - 5.0 B	184TC	18.2	17.3
4 - Pole	2.5	690.76	124386	0.82	9200	PR1240 710 - M - - - 5.0 B	184TC	18.2	17.3
	11.8	148.42	26727	2.78	12100	PR1630 140 - M - - - 5.0 B	184TC	35.4	25.6
	9.9	176.59	31798	2.36	12100	PR1630 180 - M - - - 5.0 B	184TC	35.2	25.4
	10.1	173.13	31176	4.98	12100	PR1640 180 - M - - - 5.0 B	184TC	30.2	21.7
	8.3	209.88	37793	4.16	12100	PR1640 200 - M - - - 5.0 B	184TC	30.0	21.6
	7.0	251.41	45271	3.51	12100	PR1640 250 - M - - - 5.0 B	184TC	29.9	21.5
	6.3	276.02	49704	3.22	12100	PR1640 280 - M - - - 5.0 B	184TC	29.8	21.4
	5.2	333.90	60126	2.69	12100	PR1640 315 - M - - - 5.0 B	184TC	29.6	21.3
	5.1	344.29	61996	2.04	12100	PR1640 360 - M - - - 5.0 B	184TC	29.6	21.3
	4.4	399.97	72022	2.27	12100	PR1640 400 - M - - - 5.0 B	184TC	29.4	21.2
	4.1	426.21	76749	2.14	12100	PR1640 450 - M - - - 5.0 B	184TC	29.4	21.1
	3.4	515.58	92841	1.79	12100	PR1640 500 - M - - - 5.0 B	184TC	29.2	21.0
	3.3	531.62	95729	1.36	12100	PR1640 560 - M - - - 5.0 B	184TC	29.2	21.0
	2.9	613.41	110457	1.52	12100	PR1640 630 - M - - - 5.0 B	184TC	29.1	20.9
	2.3	765.11	137774	0.97	12100	PR1640 710 - M - - - 5.0 B	184TC	28.9	20.8
	6.5	269.8	48574	3.51	18000	PR2540 280 - M - - - 5.0 B	184TC	-	24.5
	5.5	320.4	57696	3.95	18000	PR2540 315 - M - - - 5.0 B	184TC	-	24.4
	4.6	381.2	68643	3.36	18000	PR2540 360 - M - - - 5.0 B	184TC	-	24.3
	4.2	416.5	75005	2.34	18000	PR2540 400 - M - - - 5.0 B	184TC	-	24.2
	3.8	456.6	82225	2.83	18000	PR2540 450 - M - - - 5.0 B	184TC	-	24.2
	3.5	494.7	89089	2.63	18000	PR2540 500 - M - - - 5.0 B	184TC	-	24.1
	3.0	588.6	105993	2.23	18000	PR2540 560 - M - - - 5.0 B	184TC	-	24.0
	2.7	643.2	115816	1.56	18000	PR2540 630 - M - - - 5.0 B	184TC	-	23.9
	2.5	700.3	126105	1.90	18000	PR2540 710 - M - - - 5.0 B	184TC	-	23.9
	2.3	765.2	137791	1.32	18000	PR2540 800 - M - - - 5.0 B	184TC	-	23.8
	1.9	910.4	163936	1.12	18000	PR2540 900 - M - - - 5.0 B	184TC	-	23.7
	1.6	1094.2	197039	0.71	18000	PR2540 11C - M - - - 5.0 B	184TC	-	23.6
	3.4	508.88	91634	3.13	25000	PR4040 500 - M - - - 5.0 B	184TC	-	29.6
	3.1	562.65	101317	2.85	25000	PR4040 560 - M - - - 5.0 B	184TC	-	29.6
	2.8	619.51	111555	3.51	25000	PR4040 630 - M - - - 5.0 B	184TC	-	29.4
	2.4	737.05	132722	2.99	25000	PR4040 710 - M - - - 5.0 B	184TC	-	29.3
	2.2	785.77	141494	2.08	25000	PR4040 800 - M - - - 5.0 B	184TC	-	29.3
	1.9	934.87	168342	1.77	25000	PR4040 900 - M - - - 5.0 B	184TC	-	29.2
	1.6	1097.35	197601	1.28	25000	PR4040 11C - M - - - 5.0 B	184TC	-	29.0
7.5 HP	142.7	12.26	3313	2.40	1393	PR0120 12. - M - - - 7.5 B	213TC	12.7	11.8
	117.7	14.87	4016	1.80	1688	PR0120 14. - M - - - 7.5 B	213TC	12.4	11.6
	89.5	19.55	5282	0.97	2221	PR0120 18. - M - - - 7.5 B	213TC	12.1	11.3
4 - Pole	142.7	12.26	3313	3.83	1393	PR0220 12. - M - - - 7.5 B	213TC	13.0	12.1
	117.7	14.87	4016	3.33	1688	PR0220 14. - M - - - 7.5 B	213TC	12.7	11.9
	89.5	19.55	5282	1.80	2221	PR0220 18. - M - - - 7.5 B	213TC	12.4	11.6
	74.0	23.65	6389	1.11	2686	PR0220 22. - M - - - 7.5 B	213TC	12.2	11.4
	36.7	47.70	12883	1.38	2900	PR0230 45. - M - - - 7.5 B	213TC	11.3	10.6
	30.3	57.82	15618	1.15	2900	PR0230 56. - M - - - 7.5 B	213TC	11.2	10.5
	25.0	70.09	18932	0.78	2900	PR0230 71. - M - - - 7.5 B	213TC	11.1	10.4
	23.0	76.04	20540	0.89	2900	PR0230 80. - M - - - 7.5 B	213TC	11.1	10.4
	79.6	21.99	5939	2.79	6400	PR0320 22. - M - - - 7.5 B	213TC	19.8	19.2
	66.9	26.16	7066	1.76	6400	PR0320 25. - M - - - 7.5 B	213TC	19.5	18.9
	39.2	44.68	12068	2.43	6400	PR0330 45. - M - - - 7.5 B	213TC	15.1	14.6
	32.3	54.16	14630	2.03	6400	PR0330 56. - M - - - 7.5 B	213TC	15.0	14.5
	27.0	64.88	17524	1.45	6400	PR0330 63. - M - - - 7.5 B	213TC	14.9	14.4
	24.6	71.23	19240	1.57	6400	PR0330 71. - M - - - 7.5 B	213TC	14.8	14.3
	20.3	86.17	23274	1.31	6400	PR0330 90. - M - - - 7.5 B	213TC	14.7	14.2
	17.0	103.22	27880	0.94	6400	PR0330 100 - M - - - 7.5 B	213TC	14.6	14.1
	79.6	21.99	5939	4.29	6400	PR0520 22. - M - - - 7.5 B	213TC	20.2	19.6
	66.9	26.16	7066	2.71	6400	PR0520 25. - M - - - 7.5 B	213TC	19.9	19.3
	39.2	44.68	12068	3.74	6400	PR0530 45. - M - - - 7.5 B	213TC	15.7	15.2
	32.3	54.16	14630	3.12	6400	PR0530 56. - M - - - 7.5 B	213TC	15.6	15.1
	27.0	64.88	17524	2.24	6400	PR0530 63. - M - - - 7.5 B	213TC	15.5	15.0
	24.6	71.23	19240	2.41	6400	PR0530 71. - M - - - 7.5 B	213TC	15.4	14.9
	20.3	86.17	23274	2.02	6400	PR0530 90. - M - - - 7.5 B	213TC	15.3	14.8
	17.0	103.22	27880	1.45	6400	PR0530 100 - M - - - 7.5 B	213TC	15.1	14.7
	15.9	109.99	29709	0.95	6400	PR0530 112 - M - - - 7.5 B	213TC	15.1	14.6
	10.1	173.75	46932	1.05	6400	PR0540 180 - M - - - 7.5 B	213TC	13.5	13.1
	8.3	210.63	56893	0.87	6400	PR0540 200 - M - - - 7.5 B	213TC	13.4	13.1

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
7.5 HP	23.5	74.43	20105	3.47	9200	PR0830 71. - M - - - 7.5 B	213TC	22.2	21.0
	21.8	80.10	21636	3.77	9200	PR0830 80. - M - - - 7.5 B	213TC	22.1	20.9
	18.4	95.30	25741	3.20	9200	PR0830 100 - M - - - 7.5 B	213TC	21.9	20.8
	15.3	114.16	30834	2.33	9200	PR0830 112 - M - - - 7.5 B	213TC	21.7	20.6
	14.1	123.69	33408	1.49	9200	PR0830 125 - M - - - 7.5 B	213TC	21.7	20.5
	11.9	147.15	39747	1.26	9200	PR0830 140 - M - - - 7.5 B	213TC	21.5	20.4
	10.0	175.08	47289	0.91	9200	PR0830 180 - M - - - 7.5 B	213TC	21.4	20.2
4 - Pole	10.8	162.76	43963	1.94	9200	PR0840 180 - M - - - 7.5 B	213TC	18.1	17.1
	8.9	197.31	53294	1.62	9200	PR0840 200 - M - - - 7.5 B	213TC	17.9	17.0
	7.4	236.35	63838	1.37	9200	PR0840 225 - M - - - 7.5 B	213TC	17.9	16.9
	6.7	259.49	70089	1.25	9200	PR0840 250 - M - - - 7.5 B	213TC	17.8	16.9
	6.2	283.11	76470	0.99	9200	PR0840 280 - M - - - 7.5 B	213TC	17.8	16.8
	5.6	313.90	84785	1.05	9200	PR0840 315 - M - - - 7.5 B	213TC	17.7	16.8
	4.7	376.00	101561	0.88	9200	PR0840 360 - M - - - 7.5 B	213TC	17.6	16.7
	4.4	400.68	108226	0.83	9200	PR0840 400 - M - - - 7.5 B	213TC	17.6	16.6
	18.4	95.30	25741	3.96	9200	PR1230 100 - M - - - 7.5 B	213TC	22.8	21.6
	15.3	114.16	30834	2.97	9200	PR1230 112 - M - - - 7.5 B	213TC	22.6	21.5
	14.1	123.69	33408	1.98	9200	PR1230 125 - M - - - 7.5 B	213TC	22.5	21.4
	11.9	147.15	39747	1.68	9200	PR1230 140 - M - - - 7.5 B	213TC	22.3	21.2
	10.0	175.08	47289	1.21	9200	PR1230 180 - M - - - 7.5 B	213TC	22.2	21.1
	10.8	162.76	43963	2.40	9200	PR1240 180 - M - - - 7.5 B	213TC	19.0	18.0
	8.9	197.31	53294	2.00	9200	PR1240 200 - M - - - 7.5 B	213TC	18.9	17.9
	7.4	236.35	63838	1.69	9200	PR1240 225 - M - - - 7.5 B	213TC	18.8	17.8
	6.7	259.49	70089	1.55	9200	PR1240 250 - M - - - 7.5 B	213TC	18.7	17.8
	6.2	283.11	76470	1.27	9200	PR1240 280 - M - - - 7.5 B	213TC	18.7	17.7
	5.6	313.90	84785	1.30	9200	PR1240 315 - M - - - 7.5 B	213TC	18.6	17.7
	4.7	376.00	101561	1.09	9200	PR1240 360 - M - - - 7.5 B	213TC	18.5	17.6
	4.4	400.68	108226	1.03	9200	PR1240 400 - M - - - 7.5 B	213TC	18.5	17.5
	3.9	450.40	121656	0.82	9200	PR1240 450 - M - - - 7.5 B	213TC	18.4	17.5
	3.6	484.69	130919	0.86	9200	PR1240 500 - M - - - 7.5 B	213TC	18.4	17.4
	16.5	106.28	28706	4.10	12100	PR1630 112 - M - - - 7.5 B	213TC	35.9	25.9
	13.8	126.44	34153	3.48	12100	PR1630 125 - M - - - 7.5 B	213TC	35.7	25.7
	11.8	148.42	40090	1.85	12100	PR1630 140 - M - - - 7.5 B	213TC	35.4	25.6
	9.9	176.59	47697	1.58	12100	PR1630 180 - M - - - 7.5 B	213TC	35.2	25.4
	10.1	173.13	46764	3.32	12100	PR1640 180 - M - - - 7.5 B	213TC	30.2	21.7
	8.3	209.88	56690	2.77	12100	PR1640 200 - M - - - 7.5 B	213TC	30.0	21.6
	7.0	251.41	67907	2.34	12100	PR1640 250 - M - - - 7.5 B	213TC	29.9	21.5
	6.3	276.02	74556	2.15	12100	PR1640 280 - M - - - 7.5 B	213TC	29.8	21.4
	5.2	333.90	90188	1.79	12100	PR1640 315 - M - - - 7.5 B	213TC	29.6	21.3
	5.1	344.29	92994	1.36	12100	PR1640 360 - M - - - 7.5 B	213TC	29.6	21.3
	4.4	399.97	108033	1.52	12100	PR1640 400 - M - - - 7.5 B	213TC	29.4	21.2
	4.1	426.21	115123	1.43	12100	PR1640 450 - M - - - 7.5 B	213TC	29.4	21.1
	3.4	515.58	139261	1.19	12100	PR1640 500 - M - - - 7.5 B	213TC	29.2	21.0
	3.3	531.62	143594	0.91	12100	PR1640 560 - M - - - 7.5 B	213TC	29.2	21.0
	2.9	613.41	165685	1.02	12100	PR1640 630 - M - - - 7.5 B	213TC	29.1	20.9
	8.4	207.50	56047	3.96	18000	PR2540 200 - M - - - 7.5 B	213TC	-	24.7
	7.0	248.56	67137	3.34	18000	PR2540 250 - M - - - 7.5 B	213TC	-	24.6
	6.5	269.75	72862	2.34	18000	PR2540 280 - M - - - 7.5 B	213TC	-	24.5
	5.5	320.41	86544	2.63	18000	PR2540 315 - M - - - 7.5 B	213TC	-	24.4
	4.6	381.20	102965	2.24	18000	PR2540 360 - M - - - 7.5 B	213TC	-	24.3
	4.2	416.53	112507	1.56	18000	PR2540 400 - M - - - 7.5 B	213TC	-	24.2
	3.8	456.63	123337	1.89	18000	PR2540 450 - M - - - 7.5 B	213TC	-	24.2
	3.5	494.74	133634	1.75	18000	PR2540 500 - M - - - 7.5 B	213TC	-	24.1
	3.0	588.62	158990	1.49	18000	PR2540 560 - M - - - 7.5 B	213TC	-	24.0
	2.7	643.17	173724	1.04	18000	PR2540 630 - M - - - 7.5 B	213TC	-	23.9
	2.5	700.31	189157	1.27	18000	PR2540 710 - M - - - 7.5 B	213TC	-	23.9
	2.3	765.20	206687	0.88	18000	PR2540 800 - M - - - 7.5 B	213TC	-	23.8
	6.0	292.13	78907	3.51	25000	PR4040 315 - M - - - 7.5 B	213TC	-	30.1
	4.9	355.64	96061	3.94	25000	PR4040 360 - M - - - 7.5 B	213TC	-	29.9
	4.4	401.20	108368	3.52	25000	PR4040 400 - M - - - 7.5 B	213TC	-	29.8
	3.9	443.60	119818	3.20	25000	PR4040 450 - M - - - 7.5 B	213TC	-	29.7
	3.4	508.88	137452	2.09	25000	PR4040 500 - M - - - 7.5 B	213TC	-	29.6
	3.1	562.65	151975	1.90	25000	PR4040 560 - M - - - 7.5 B	213TC	-	29.6
	2.8	619.51	167332	2.34	25000	PR4040 630 - M - - - 7.5 B	213TC	-	29.4
	2.4	737.05	199083	1.99	25000	PR4040 710 - M - - - 7.5 B	213TC	-	29.3
	2.2	785.77	212242	1.39	25000	PR4040 800 - M - - - 7.5 B	213TC	-	29.3
	1.9	934.87	252513	1.18	25000	PR4040 900 - M - - - 7.5 B	213TC	-	29.2
	1.6	1097.35	296402	0.85	25000	PR4040 11C - M - - - 7.5 B	213TC	-	29.0

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
10 HP	142.7	12.26	4417	1.80	1393	PR0120 12. - M - - - 10. B	215TC	12.7	11.8
	117.7	14.87	5355	1.35	1688	PR0120 14. - M - - - 10. B	215TC	12.4	11.6
4 - Pole	142.7	12.26	4417	2.87	1393	PR0220 12. - M - - - 10. B	215TC	13.0	12.1
	74.0	23.65	8519	1.62	2686	PR0220 14. - M - - - 10. B	215TC	11.9	11.1
	36.7	47.70	17178	0.59	2900	PR0220 18. - M - - - 10. B	215TC	10.7	10.0
	30.3	57.82	20824	0.36	2900	PR0220 22. - M - - - 10. B	215TC	10.6	9.9
	36.7	47.70	17178	1.03	2900	PR0230 45. - M - - - 10. B	215TC	11.3	10.6
	30.3	57.82	20824	0.86	2900	PR0230 56. - M - - - 10. B	215TC	11.2	10.5
	102.6	17.06	6143	3.77	5913	PR0320 18. - M - - - 10. B	215TC	20.3	19.6
	79.6	21.99	7919	2.09	6400	PR0320 22. - M - - - 10. B	215TC	19.8	19.2
	66.9	26.16	9422	1.32	6400	PR0320 25. - M - - - 10. B	215TC	19.5	18.9
	39.2	44.68	16091	1.82	6400	PR0330 45. - M - - - 10. B	215TC	15.1	14.6
	32.3	54.16	19506	1.52	6400	PR0330 56. - M - - - 10. B	215TC	15.0	14.5
	27.0	64.88	23366	1.09	6400	PR0330 63. - M - - - 10. B	215TC	14.9	14.4
	24.6	71.23	25654	1.18	6400	PR0330 71. - M - - - 10. B	215TC	14.8	14.3
	20.3	86.17	31033	0.98	6400	PR0330 90. - M - - - 10. B	215TC	14.7	14.2
	79.6	21.99	7920	3.22	6400	PR0520 22. - M - - - 10. B	215TC	20.2	19.6
	66.9	26.16	9423	2.03	6400	PR0520 25. - M - - - 10. B	215TC	19.9	19.3
	39.2	44.68	16094	2.80	6400	PR0530 45. - M - - - 10. B	215TC	15.7	15.2
	32.3	54.16	19509	2.34	6400	PR0530 56. - M - - - 10. B	215TC	15.6	15.1
	27.0	64.88	23370	1.68	6400	PR0530 63. - M - - - 10. B	215TC	15.5	15.0
	24.6	71.23	25658	1.81	6400	PR0530 71. - M - - - 10. B	215TC	15.4	14.9
	20.3	86.17	31038	1.51	6400	PR0530 90. - M - - - 10. B	215TC	15.3	14.8
	17.0	103.22	37179	1.09	6400	PR0530 100 - M - - - 10. B	215TC	15.1	14.7
	28.2	62.14	22379	3.44	9200	PR0830 63. - M - - - 10. B	215TC	22.3	21.2
	23.5	74.43	26807	2.60	9200	PR0830 71. - M - - - 10. B	215TC	22.2	21.0
	21.8	80.10	28848	2.83	9200	PR0830 80. - M - - - 10. B	215TC	22.1	20.9
	18.4	95.30	34322	2.40	9200	PR0830 100 - M - - - 10. B	215TC	21.9	20.8
	15.3	114.16	41112	1.74	9200	PR0830 112 - M - - - 10. B	215TC	21.7	20.6
	14.1	123.69	44545	1.11	9200	PR0830 125 - M - - - 10. B	215TC	21.7	20.5
	11.9	147.15	52997	0.95	9200	PR0830 140 - M - - - 10. B	215TC	21.5	20.4
	10.8	162.76	58617	1.45	9200	PR0840 180 - M - - - 10. B	215TC	18.1	17.1
	8.9	197.31	71058	1.21	9200	PR0840 200 - M - - - 10. B	215TC	17.9	17.0
	7.4	236.35	85118	1.03	9200	PR0840 225 - M - - - 10. B	215TC	17.9	16.9
	6.7	259.49	93452	0.94	9200	PR0840 250 - M - - - 10. B	215TC	17.8	16.9
	28.2	62.14	22379	4.26	9200	PR1230 63. - M - - - 10. B	215TC	23.2	22.1
	23.5	74.43	26807	3.32	9200	PR1230 71. - M - - - 10. B	215TC	23.0	21.9
	21.8	80.10	28848	3.50	9200	PR1230 80. - M - - - 10. B	215TC	23.0	21.8
	18.4	95.30	34322	2.97	9200	PR1230 100 - M - - - 10. B	215TC	22.8	21.6
	15.3	114.16	41112	2.22	9200	PR1230 112 - M - - - 10. B	215TC	22.6	21.5
	14.1	123.69	44545	1.49	9200	PR1230 125 - M - - - 10. B	215TC	22.5	21.4
	11.9	147.15	52997	1.26	9200	PR1230 140 - M - - - 10. B	215TC	22.4	21.2
	10.0	175.08	63052	0.91	9200	PR1230 180 - M - - - 10. B	215TC	22.2	21.1
	10.8	162.76	58617	1.80	9200	PR1240 180 - M - - - 10. B	215TC	19.0	18.0
	8.9	197.31	71058	1.50	9200	PR1240 200 - M - - - 10. B	215TC	18.9	17.9
	7.4	236.35	85118	1.27	9200	PR1240 225 - M - - - 10. B	215TC	18.8	17.8
	6.7	259.49	93452	1.16	9200	PR1240 250 - M - - - 10. B	215TC	18.7	17.8
	6.2	283.11	101959	0.95	9200	PR1240 280 - M - - - 10. B	215TC	18.7	17.7
	5.6	313.90	113047	0.97	9200	PR1240 315 - M - - - 10. B	215TC	18.6	17.7
	4.7	376.00	135415	0.82	9200	PR1240 360 - M - - - 10. B	215TC	18.5	17.6
	17.3	101.37	36509	4.11	12100	PR1630 100 - M - - - 10. B	215TC	36.0	26.0
	16.5	106.28	38275	3.07	12100	PR1630 112 - M - - - 10. B	215TC	35.9	25.9
	13.8	126.44	45538	2.61	12100	PR1630 125 - M - - - 10. B	215TC	35.7	25.7
	11.8	148.42	53453	1.39	12100	PR1630 140 - M - - - 10. B	215TC	35.4	25.6
	9.9	176.59	63596	1.18	12100	PR1630 180 - M - - - 10. B	215TC	35.2	25.4
	10.1	173.13	62352	2.49	12100	PR1640 180 - M - - - 10. B	215TC	30.2	21.7
	8.3	209.88	75586	2.08	12100	PR1640 200 - M - - - 10. B	215TC	30.0	21.6
	7.0	251.41	90542	1.76	12100	PR1640 250 - M - - - 10. B	215TC	29.9	21.5
	6.3	276.02	99408	1.61	12100	PR1640 280 - M - - - 10. B	215TC	29.8	21.4
	5.2	333.90	120251	1.35	12100	PR1640 315 - M - - - 10. B	215TC	29.6	21.3
	5.1	344.29	123992	1.02	12100	PR1640 360 - M - - - 10. B	215TC	29.6	21.3
	4.4	399.97	144044	1.14	12100	PR1640 400 - M - - - 10. B	215TC	29.4	21.2
	4.1	426.21	153497	1.07	12100	PR1640 450 - M - - - 10. B	215TC	29.4	21.1
	3.4	515.58	185682	0.90	12100	PR1640 500 - M - - - 10. B	215TC	29.2	21.0

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
10 HP **4 - Pole**	8.4	207.50	74730	2.97	18000	PR2540 200 - M - - - 10. B	215TC	-	24.7
	7.0	248.56	89516	2.51	18000	PR2540 250 - M - - - 10. B	215TC	-	24.6
	6.5	269.75	97149	1.76	18000	PR2540 280 - M - - - 10. B	215TC	-	24.5
	5.5	320.41	115392	1.98	18000	PR2540 315 - M - - - 10. B	215TC	-	24.4
	4.6	381.20	137286	1.68	18000	PR2540 360 - M - - - 10. B	215TC	-	24.3
	4.2	416.53	150009	1.17	18000	PR2540 400 - M - - - 10. B	215TC	-	24.2
	3.8	456.63	164450	1.42	18000	PR2540 450 - M - - - 10. B	215TC	-	24.2
	3.5	494.74	178178	1.31	18000	PR2540 500 - M - - - 10. B	215TC	-	24.1
	3.0	588.62	211986	1.12	18000	PR2540 560 - M - - - 10. B	215TC	-	24.0
	2.7	643.17	231632	0.78	18000	PR2540 630 - M - - - 10. B	215TC	-	23.9
	2.5	700.31	252209	0.95	18000	PR2540 710 - M - - - 10. B	215TC	-	23.9
	7.6	230.32	82948	4.44	25000	PR4040 225 - M - - - 10. B	215TC	-	30.3
	6.3	275.89	99360	3.75	25000	PR4040 280 - M - - - 10. B	215TC	-	30.2
	6.0	292.13	105210	2.63	25000	PR4040 315 - M - - - 10. B	215TC	-	30.1
	4.9	355.64	128082	2.95	25000	PR4040 360 - M - - - 10. B	215TC	-	29.9
	4.4	401.20	144490	2.64	25000	PR4040 400 - M - - - 10. B	215TC	-	29.8
	3.9	443.60	159758	2.40	25000	PR4040 450 - M - - - 10. B	215TC	-	29.7
	3.4	508.88	183269	1.57	25000	PR4040 500 - M - - - 10. B	215TC	-	29.6
	3.1	562.65	202634	1.43	25000	PR4040 560 - M - - - 10. B	215TC	-	29.6
	2.8	619.51	223110	1.76	25000	PR4040 630 - M - - - 10. B	215TC	-	29.4
	2.4	737.05	265444	1.49	25000	PR4040 710 - M - - - 10. B	215TC	-	29.3
	2.2	785.77	282989	1.04	25000	PR4040 800 - M - - - 10. B	215TC	-	29.3
	1.9	934.87	336684	0.89	25000	PR4040 900 - M - - - 10. B	215TC	-	29.2
15 HP **4 - Pole**	102.6	17.06	9215	5.55	6907	PR0820 18. - M - - - 15. B	254TC	34.0	32.2
	79.6	21.99	11879	3.75	8903	PR0820 22. - M - - - 15. B	254TC	33.0	31.3
	66.9	26.16	14132	2.69	9200	PR0820 25. - M - - - 15. B	254TC	32.4	30.7
	122.9	14.24	7693	7.96	11825	PR1220 14. - M - - - 15. B	254TC	35.6	33.7
	102.6	17.06	9215	6.86	12812	PR1220 18. - M - - - 15. B	254TC	34.8	33.0
	79.6	21.99	11879	5.00	15243	PR1220 22. - M - - - 15. B	254TC	33.8	32.1
	66.9	26.16	14132	3.59	9200	PR1220 25. - M - - - 15. B	254TC	33.2	31.4
	115.5	15.15	8183	11.18	6134	PR1620 16. - M - - - 15. B	254TC	64.5	47.8
	92.6	18.89	10207	9.58	7650	PR1620 20. - M - - - 15. B	254TC	62.8	46.5
	66.3	26.39	14254	4.68	10684	PR1620 25. - M - - - 15. B	254TC	60.4	44.7
	30.7	56.96	30771	6.64	18000	PR2530 56. - M - - - 15. B	254TC	-	32.0
	25.6	68.23	36859	5.61	18000	PR2530 63. - M - - - 15. B	254TC	-	31.7
	23.6	74.05	40002	3.93	18000	PR2530 71. - M - - - 15. B	254TC	-	31.6
	19.9	87.95	47514	4.42	18000	PR2530 90. - M - - - 15. B	254TC	-	31.4
	16.7	104.64	56530	3.76	18000	PR2530 100 - M - - - 15. B	254TC	-	31.1
	15.3	114.34	61768	2.62	18000	PR2530 112 - M - - - 15. B	254TC	-	31.0
	12.9	136.04	73489	2.22	18000	PR2530 140 - M - - - 15. B	254TC	-	30.8
	10.7	163.51	88328	1.41	18000	PR2530 160 - M - - - 15. B	254TC	-	30.5
	14.9	117.41	63428	3.47	25000	PR4030 125 - M - - - 15. B	254TC	-	37.1
	12.5	139.69	75464	3.51	25000	PR4030 140 - M - - - 15. B	254TC	-	36.8
	10.7	163.97	88580	2.53	25000	PR4030 160 - M - - - 15. B	254TC	-	36.5
	7.6	230	124422	4.67	54000	PR6540 225 - M - - - 15. B	254TC	-	39.4
	6.3	276	149040	4.12	54000	PR6540 280 - M - - - 15. B	254TC	-	39.1
	5.5	320	172900	3.24	54000	PR6540 315 - M - - - 15. B	254TC	-	39.1
	4.9	356	192122	3.44	54000	PR6540 360 - M - - - 15. B	254TC	-	38.9
	4.4	401	216735	3.12	54000	PR6540 400 - M - - - 15. B	254TC	-	38.7
	3.9	444	239637	2.84	54000	PR6540 450 - M - - - 15. B	254TC	-	38.6
	3.6	491	265169	2.17	54000	PR6540 500 - M - - - 15. B	254TC	-	38.4
	3.3	528	285106	2.41	54000	PR6540 560 - M - - - 15. B	254TC	-	38.4
	2.9	612	330748	1.76	54000	PR6540 630 - M - - - 15. B	254TC	-	38.2
	2.4	742	400733	1.15	54000	PR6540 710 - M - - - 15. B	254TC	-	38.1
20 HP **4 - Pole**	122.9	14.24	10257	4.82	5766	PR0820 14. - M - - - 20. B	256TC	34.8	32.9
	102.6	17.06	12286	4.16	6907	PR0820 18. - M - - - 20. B	256TC	34.0	32.2
	79.6	21.99	15838	2.81	8903	PR0820 22. - M - - - 20. B	256TC	33.0	31.3
	66.9	26.16	18843	2.02	9200	PR0820 25. - M - - - 20. B	256TC	32.4	30.7
	122.9	14.24	10257	5.97	5766	PR1220 14. - M - - - 20. B	256TC	35.6	33.7
	102.6	17.06	12286	5.15	6907	PR1220 18. - M - - - 20. B	256TC	34.8	33.0
	79.6	21.99	15838	3.75	8903	PR1220 22. - M - - - 20. B	256TC	33.8	32.1
	66.9	26.16	18843	2.69	9200	PR1220 25. - M - - - 20. B	256TC	33.2	31.4
	115.5	15.15	10911	8.39	6134	PR1620 16. - M - - - 20. B	256TC	64.5	47.8
	92.6	18.89	13609	7.18	7650	PR1620 20. - M - - - 20. B	256TC	62.8	46.5
	66.3	26.39	19006	3.51	10684	PR1620 25. - M - - - 20. B	256TC	60.4	44.7

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
20 HP	30.7	57.0	41028	4.98	18000	PR2530 56. - M - - - 20. B	256TC	-	32.0
	25.6	68.2	49146	4.21	18000	PR2530 63. - M - - - 20. B	256TC	-	31.7
	23.6	74.0	53337	2.95	18000	PR2530 71. - M - - - 20. B	256TC	-	31.6
4 - Pole	19.9	88.0	63352	3.32	18000	PR2530 90. - M - - - 20. B	256TC	-	31.4
	16.7	104.6	75373	2.82	18000	PR2530 100 - M - - - 20. B	256TC	-	31.2
	15.3	114.3	82358	1.96	18000	PR2530 112 - M - - - 20. B	256TC	-	31.0
	12.9	136.0	97985	1.67	18000	PR2530 140 - M - - - 20. B	256TC	-	30.8
	10.7	163.5	117770	1.06	18000	PR2530 160 - M - - - 20. B	256TC	-	30.6
	27.7	63.23	45540	7.45	25000	PR4030 63. - M - - - 20. B	256TC	-	38.3
	22.2	78.86	56803	6.06	25000	PR4030 71. - M - - - 20. B	256TC	-	38.0
	21.8	80.19	57762	4.42	25000	PR4030 80. - M - - - 20. B	256TC	-	37.8
	17.5	100.03	72048	3.60	25000	PR4030 100 - M - - - 20. B	256TC	-	37.5
	15.9	110.13	79328	4.43	25000	PR4030 112 - M - - - 20. B	256TC	-	37.3
	14.9	117.41	84570	2.60	25000	PR4030 125 - M - - - 20. B	256TC	-	37.1
	12.5	139.69	100618	2.63	25000	PR4030 140 - M - - - 20. B	256TC	-	36.8
	10.7	163.97	118107	1.90	25000	PR4030 160 - M - - - 20. B	256TC	-	36.5
	7.6	230.3	165896	3.50	54000	PR6540 225 - M - - - 20. B	256TC	-	39.4
	6.3	275.9	198721	3.09	54000	PR6540 280 - M - - - 20. B	256TC	-	39.1
	5.5	320.1	230533	2.43	54000	PR6540 315 - M - - - 20. B	256TC	-	39.1
	4.9	355.6	256163	2.58	54000	PR6540 360 - M - - - 20. B	256TC	-	38.9
	4.4	401.2	288981	2.34	54000	PR6540 400 - M - - - 20. B	256TC	-	38.7
	3.9	443.6	319516	2.13	54000	PR6540 450 - M - - - 20. B	256TC	-	38.6
	3.6	490.9	353558	1.63	54000	PR6540 500 - M - - - 20. B	256TC	-	38.4
	3.3	527.8	380142	1.81	54000	PR6540 560 - M - - - 20. B	256TC	-	38.4
	2.9	612.3	440998	1.32	54000	PR6540 630 - M - - - 20. B	256TC	-	38.2
	2.4	741.8	534310	0.86	54000	PR6540 710 - M - - - 20. B	256TC	-	38.1
25 HP	122.9	14.24	12821	3.86	5766	PR0820 14. - M - - - 25. B	284TC	34.8	32.9
	102.6	17.06	15358	3.33	6907	PR0820 18. - M - - - 25. B	284TC	34.0	32.2
	79.6	21.99	19798	2.25	8903	PR0820 22. - M - - - 25. B	284TC	33.0	31.3
4 - Pole	66.9	26.16	23554	1.62	9200	PR0820 25. - M - - - 25. B	284TC	32.4	30.7
	122.9	14.24	12821	4.78	5766	PR1220 14. - M - - - 25. B	284TC	35.6	33.7
	102.6	17.06	15358	4.12	6907	PR1220 18. - M - - - 25. B	284TC	34.8	33.0
	79.6	21.99	19798	3.00	8903	PR1220 22. - M - - - 25. B	284TC	33.8	32.1
	66.9	26.16	23554	2.15	9200	PR1220 25. - M - - - 25. B	284TC	33.2	31.4
	115.5	15.15	13638	6.71	6134	PR1620 16. - M - - - 25. B	284TC	64.5	47.8
	92.6	18.89	17011	5.75	7650	PR1620 20. - M - - - 25. B	284TC	62.8	46.5
	66.3	26.39	23757	2.81	10684	PR1620 25. - M - - - 25. B	284TC	60.4	44.7
	30.7	56.96	51285	3.99	18000	PR2530 56. - M - - - 25. B	284TC	-	32.0
	25.6	68.23	61432	3.37	18000	PR2530 63. - M - - - 25. B	284TC	-	31.7
	23.6	74.05	66671	2.36	18000	PR2530 71. - M - - - 25. B	284TC	-	31.6
	19.9	87.95	79190	2.65	18000	PR2530 90. - M - - - 25. B	284TC	-	31.4
	16.7	104.64	94216	2.25	18000	PR2530 100 - M - - - 25. B	284TC	-	31.1
	15.3	114.34	102947	1.57	18000	PR2530 112 - M - - - 25. B	284TC	-	31.0
	12.9	136.04	122481	1.33	18000	PR2530 140 - M - - - 25. B	284TC	-	30.8
	10.7	163.51	147213	0.85	18000	PR2530 160 - M - - - 25. B	284TC	-	30.5
	21.8	80.19	72203	3.54	25000	PR4030 80. - M - - - 25. B	284TC	-	35.8
	17.5	100.03	90060	2.88	25000	PR4030 100 - M - - - 25. B	284TC	-	35.5
	15.9	110.13	99160	3.54	25000	PR4030 112 - M - - - 25. B	284TC	-	35.4
	14.9	117.41	105713	2.08	25000	PR4030 125 - M - - - 25. B	284TC	-	35.1
	12.5	139.69	125773	2.10	25000	PR4030 140 - M - - - 25. B	284TC	-	34.8
	10.7	163.97	147633	1.52	25000	PR4030 160 - M - - - 25. B	284TC	-	0.0
	7.6	230.32	207370	2.80	54000	PR6540 225 - M - - - 25. B	284TC	-	39.4
	6.3	275.89	248401	2.47	54000	PR6540 280 - M - - - 25. B	284TC	-	39.1
	5.5	320.06	288167	1.94	54000	PR6540 315 - M - - - 25. B	284TC	-	39.1
	4.9	355.64	320204	2.07	54000	PR6540 360 - M - - - 25. B	284TC	-	38.9
	4.4	401.20	361226	1.87	54000	PR6540 400 - M - - - 25. B	284TC	-	38.7
	3.9	443.60	399394	1.70	54000	PR6540 450 - M - - - 25. B	284TC	-	38.6
	3.6	490.86	441948	1.30	54000	PR6540 500 - M - - - 25. B	284TC	-	38.4
	3.3	527.77	475177	1.45	54000	PR6540 560 - M - - - 25. B	284TC	-	38.4
	2.9	612.26	551247	1.06	54000	PR6540 630 - M - - - 25. B	284TC	-	38.2

PR MOTORIZED RATINGS

	N2	Ratio *i*	M2 (Lb.in)	fm	FR2 (Lb's)	Unit Designation	Motor Frame	PT(HP) Type B	PT (HP) Type F
30 HP	122.9	14.24	15386	3.22	5766	PR0820 14. - M - - - 30. B	286TC	34.8	32.9
	102.6	17.06	18430	2.77	6907	PR0820 18. - M - - - 30. B	286TC	34.0	32.2
	79.6	21.99	23757	1.87	8903	PR0820 22. - M - - - 30. B	286TC	33.0	31.3
4 - Pole	66.9	26.16	28265	1.35	9200	PR0820 25. - M - - - 30. B	286TC	32.4	30.7
	122.9	14.24	15386	3.98	5766	PR1220 14. - M - - - 30. B	286TC	35.6	33.7
	102.6	17.06	18430	3.43	6907	PR1220 18. - M - - - 30. B	286TC	34.8	33.0
	79.6	21.99	23757	2.50	8903	PR1220 22. - M - - - 30. B	286TC	33.8	32.1
	66.9	26.16	28265	1.79	9200	PR1220 25. - M - - - 30. B	286TC	33.2	31.4
	115.5	15.15	16366	5.59	6134	PR1620 16. - M - - - 30. B	286TC	64.5	47.8
	92.6	18.89	20413	4.79	7650	PR1620 20. - M - - - 30. B	286TC	62.8	46.5
	66.3	26.39	28508	2.34	10684	PR1620 25. - M - - - 30. B	286TC	60.4	44.7
	30.7	56.96	61542	3.32	18000	PR2530 56. - M - - - 30. B	286TC	-	32.0
	25.6	68.23	73719	2.81	18000	PR2530 63. - M - - - 30. B	286TC	-	31.7
	23.6	74.05	80005	1.96	18000	PR2530 71. - M - - - 30. B	286TC	-	31.6
	19.9	87.95	95028	2.21	18000	PR2530 90. - M - - - 30. B	286TC	-	31.4
	16.7	104.64	113059	1.88	18000	PR2530 100 - M - - - 30. B	286TC	-	31.1
	15.3	114.34	123537	1.31	18000	PR2530 112 - M - - - 30. B	286TC	-	31.0
	12.9	136.04	146977	1.11	18000	PR2530 140 - M - - - 30. B	286TC	-	30.8
	10.7	163.51	176655	0.71	18000	PR2530 160 - M - - - 30. B	286TC	-	30.5
	22.2	78.86	85204	4.04	25000	PR4030 71. - M - - - 30. B	286TC	-	37.9
	21.8	80.19	86643	2.95	25000	PR4030 80. - M - - - 30. B	286TC	-	37.8
	17.5	100.03	108071	2.40	25000	PR4030 100 - M - - - 30. B	286TC	-	37.5
	15.9	110.13	118992	2.95	25000	PR4030 112 - M - - - 30. B	286TC	-	37.2
	14.9	117.41	126855	1.73	25000	PR4030 125 - M - - - 30. B	286TC	-	37.1
	12.5	139.69	150927	1.75	25000	PR4030 140 - M - - - 30. B	286TC	-	36.8
	10.7	163.97	177160	1.27	25000	PR4030 160 - M - - - 30. B	286TC	-	36.5
	7.6	230.32	248844	2.33	54000	PR6540 225 - M - - - 30. B	286TC	-	39.4
	6.3	275.89	298081	2.06	54000	PR6540 280 - M - - - 30. B	286TC	-	39.1
	5.5	320.06	345800	1.62	54000	PR6540 315 - M - - - 30. B	286TC	-	39.1
	4.9	355.64	384245	1.72	54000	PR6540 360 - M - - - 30. B	286TC	-	38.9
	4.4	401.20	433471	1.56	54000	PR6540 400 - M - - - 30. B	286TC	-	38.7
	3.9	443.60	479273	1.42	54000	PR6540 450 - M - - - 30. B	286TC	-	38.6
	3.6	490.86	530338	1.09	54000	PR6540 500 - M - - - 30. B	286TC	-	38.4
	3.3	527.77	570212	1.21	54000	PR6540 560 - M - - - 30. B	286TC	-	38.4
	2.9	612.26	661496	0.88	54000	PR6540 630 - M - - - 30. B	286TC	-	38.2
	2.4	741.81	801465	0.57	54000	PR6540 710 - M - - - 30. B	286TC	-	38.1

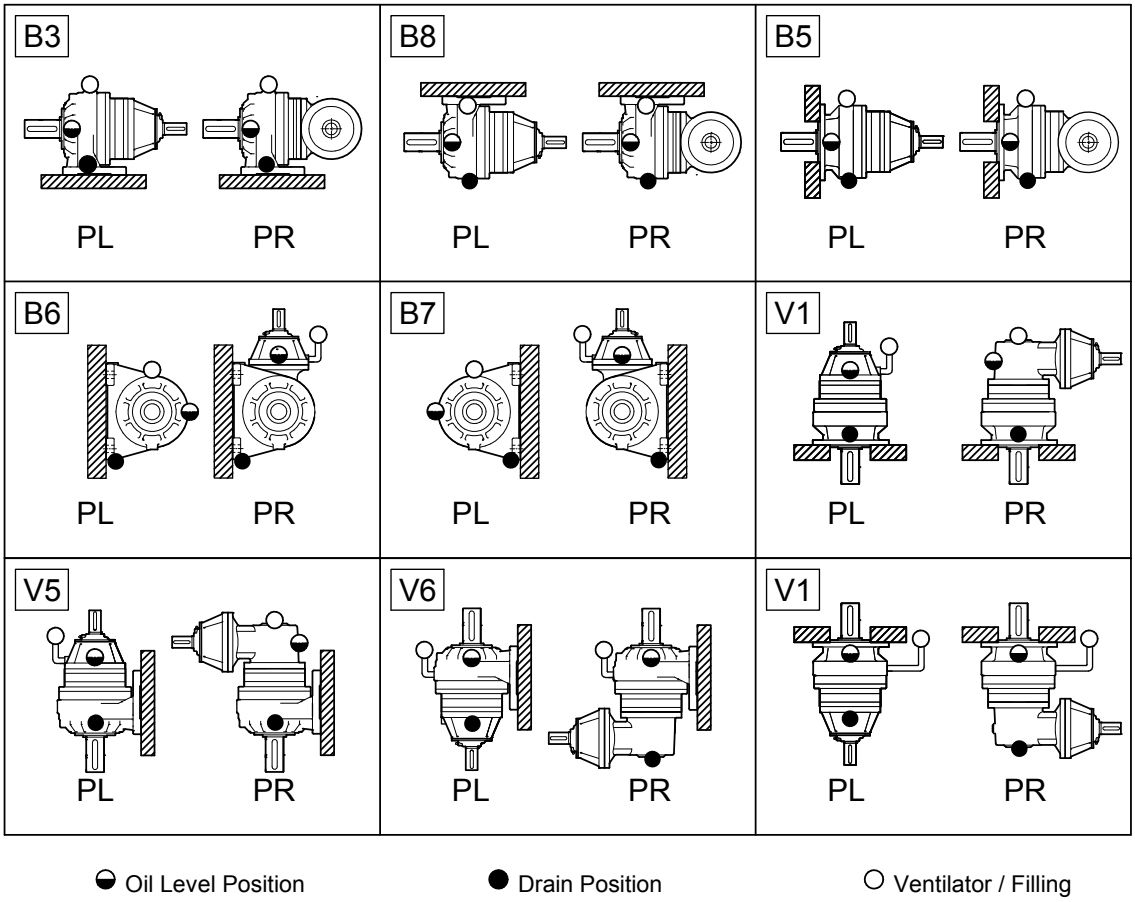
Lubrication

1. Check that the ventilator is positioned correctly for the intended mounting position.

2. Gear units are supplied without lubricant and must be filled via the ventilator position with the appropriate lubricant until oil escapes through the level plug hole.
- Please refer to the lubricant quantity table for approximate lubricant quantity
- Refer to the unit nameplate for the type and grade of lubricant.
- Refer the table of approved lubricants.

3. Maintenance: Oil levels should be checked and maintained by filling via the ventilator position until oil escapes through the level plug hole.

Mounting Positions and Lubrication Fill Levels



◒ Oil Level Position ● Drain Position ○ Ventilator / Filling

Lubricants Quantities (US Gallons) PL UNITS

	PL0110	PL0120	PL0130	PL0140	PL0210	PL0220	PL0230	PL0240	PL0310	PL0320	PL0330	PL0340	PL0510	PL0520
B3	0.37	0.42	0.48	0.53	0.37	0.42	0.48	0.53	0.95	0.92	0.98	1.03	0.95	0.92
B5	0.21	0.26	0.32	0.37	0.21	0.26	0.32	0.37	0.53	0.50	0.55	0.61	0.53	0.50
B6	0.32	0.37	0.42	0.48	0.32	0.37	0.42	0.48	0.77	0.74	0.79	0.85	0.77	0.74
B7	0.32	0.37	0.42	0.48	0.32	0.37	0.42	0.48	0.77	0.74	0.79	0.85	0.77	0.74
B8	0.24	0.29	0.34	0.40	0.24	0.29	0.34	0.40	0.58	0.53	0.58	0.63	0.55	0.53
V1	0.42	0.53	0.63	0.74	0.42	0.53	0.63	0.74	1.08	1.00	1.11	1.22	1.06	1.00
V3	0.42	0.53	0.63	0.74	0.42	0.53	0.63	0.74	1.08	1.00	1.11	1.22	1.06	1.00
V5	0.63	0.74	0.85	0.95	0.63	0.74	0.85	0.95	1.56	1.51	1.59	1.69	1.56	1.48
V6	0.63	0.74	0.85	0.95	0.63	0.74	0.85	0.95	1.56	1.51	1.59	1.69	1.56	1.48

	PL0530	PL0540	PL0810	PL0820	PL0830	PL0840	PL1210	PL1220	PL1230	PL1240	PL1610	PL1620	PL1630	PL1640
B3	0.98	1.03	1.77	1.82	1.80	1.85	1.77	1.85	1.82	1.88	2.61	2.61	2.59	2.63
B5	0.55	0.61	0.87	0.95	0.92	0.98	0.90	0.95	0.92	0.98	1.32	1.32	1.30	1.33
B6	0.79	0.85	1.40	1.48	1.45	1.51	1.43	1.48	1.45	1.51	2.15	2.15	2.13	2.17
B7	0.79	0.85	1.40	1.48	1.45	1.51	1.43	1.48	1.45	1.51	2.15	2.15	2.13	2.17
B8	0.58	0.63	0.98	1.03	1.00	1.06	0.98	1.06	1.03	1.08	1.69	1.69	1.67	1.71
V1	1.11	1.22	1.74	1.90	1.85	1.96	1.77	1.90	1.85	1.96	2.63	2.63	2.60	2.67
V3	1.11	1.22	1.74	1.90	1.85	1.96	1.77	1.90	1.85	1.96	2.63	2.63	2.60	2.67
V5	1.59	1.69	2.83	2.96	2.91	3.01	2.85	2.99	2.93	3.04	4.29	4.30	4.26	4.34
V6	1.59	1.69	2.83	2.96	2.91	3.01	2.85	2.99	2.93	3.04	4.29	4.30	4.26	4.34

	PL2510	PL2520	PL2530	PL2540	PL4010	PL4020	PL4030	PL4040	PL6510	PL6520	PL6530	PL6540
B3	1.14	1.15	1.20	1.20	1.81	1.82	1.84	1.84	2.78	2.79	2.91	2.95
B5	1.14	1.15	1.20	1.20	1.81	1.82	1.84	1.84	2.78	2.79	2.91	2.95
B6	1.14	1.15	1.20	1.20	1.81	1.82	1.84	1.84	2.78	2.79	2.91	2.95
B7	1.14	1.15	1.20	1.20	1.81	1.82	1.84	1.84	2.78	2.79	2.91	2.95
B8	1.14	1.15	1.20	1.20	1.81	1.82	1.84	1.84	2.78	2.79	2.91	2.95
V1	2.28	2.31	2.39	2.40	3.62	3.64	3.67	3.67	5.56	5.57	5.83	5.90
V3	2.28	2.31	2.39	2.40	3.62	3.64	3.67	3.67	5.56	5.57	5.83	5.90
V5	2.28	2.31	2.39	2.40	3.62	3.64	3.67	3.67	5.56	5.57	5.83	5.90
V6	2.28	2.31	2.39	2.40	3.62	3.64	3.67	3.67	5.56	5.57	5.83	5.90

Lubricants Quantities (US Gallons) PR UNITS

	PR0120	PR0130	PR0140	PR0220	PR0230	PR0240	PR0320	PR0330	PR0340	PR0520	PR0530	PR0540	PR0820
0.45	0.50	0.55	0.45	0.50	0.55	1.03	1.00	1.06	1.03	1.00	1.06	2.03	7.7
0.29	0.34	0.40	0.29	0.34	0.40	0.61	0.58	0.63	0.61	0.58	0.63	1.14	4.3
0.40	0.45	0.50	0.40	0.45	0.50	0.85	0.82	0.87	0.85	0.82	0.87	1.66	6.3
0.40	0.45	0.50	0.40	0.45	0.50	0.85	0.82	0.87	0.85	0.82	0.87	1.66	6.3
0.32	0.37	0.42	0.32	0.37	0.42	0.66	0.61	0.66	0.63	0.61	0.66	1.24	4.7
0.50	0.61	0.71	0.50	0.61	0.71	1.16	1.08	1.19	1.14	1.08	1.19	2.01	7.6
0.50	0.61	0.71	0.50	0.61	0.71	1.16	1.08	1.19	1.14	1.08	1.19	2.01	7.6
0.71	0.82	0.92	0.71	0.82	0.92	1.64	1.59	1.66	1.64	1.56	1.66	3.09	11.7
0.71	0.82	0.92	0.71	0.82	0.92	1.64	1.59	1.66	1.64	1.56	1.66	3.09	11.7

	PR0830	PR0840	PR1220	PR1230	PR1240	PR1620	PR1630	PR1640	PR2530	PR2540	PR4030	PR4040	PR6540
1.90	1.88	2.03	1.93	1.90	3.06	2.69	2.67	1.60	1.28	2.27	1.92	2.99	11.3
1.03	1.00	1.16	1.03	1.00	1.76	1.40	1.38	1.60	1.28	2.27	1.92	2.99	11.3
1.56	1.53	1.69	1.56	1.53	2.60	2.23	2.21	1.60	1.28	2.27	1.92	2.99	11.3
1.56	1.53	1.69	1.56	1.53	2.60	2.23	2.21	1.60	1.28	2.27	1.92	2.99	11.3
1.11	1.08	1.24	1.14	1.11	2.13	1.77	1.75	1.60	1.28	2.27	1.92	2.99	11.3
1.98	1.93	2.03	1.98	1.93	3.09	2.72	2.67	2.77	2.47	4.10	3.75	5.92	22.4
1.98	1.93	2.03	1.98	1.93	3.09	2.72	2.67	2.77	2.47	4.10	3.75	5.92	22.4
3.04	2.99	3.12	3.06	3.01	4.76	4.39	4.33	2.77	2.47	4.10	3.75	5.92	22.4
3.04	2.99	3.12	3.06	3.01	4.76	4.39	4.33	2.77	2.47	4.10	3.75	5.92	22.4

Approved Lubricants

Approved Lubricants Type E ISO: CLP-CC - Mineral oil's containing industrial EP additives

Supplier	Lubricant Type	4E	5E	6E
		Ambient Temperature Range		
		23 to 68°F	-14 to 104°F	86 to 122°F
BP Oil International Limited	Energol GR-XF	150 (2)	220 (2)	320 (9)
	Energol GR-XP	150 (2)	220 (2)	320 (14)
Caltex	Meropa	150 (25)	220 (25)	320 (25)
Castrol International	Alpha SP	150 (4)	220 (4)	320 (4)
Esso/Exxon	Spartan EP	150 (2)	220 (10)	320 (10)
Fuchs Lubricants	Renolin CLP	150(2)	220 (2)	320 (6)
Klüber Lubrication	Klüberoil GEM1	150 (25)	220 (25)	320 (25)
Kuwait Petroleum International	Q8 Goya	150 (-7)	220 (2)	320 (9)
Mobil Oil Company Limited	Mobil gear 600 series	629 (2)	630 (9)	632 (9)
	Mobil gear XMP	150 (-7)	220 (-2)	320 (9)
Optimal Ölwerke GmbH	Optigear BM	150 (10)	220 (12)	320 (14)
Petro-Canada	Ultima EP	150 (-18)	220 (-8)	320 (3)
Rocol	Saphire Hi-Torque	150 (10)	220 (10)	320 (10)
Shell Oils	Omala	150 (25)	220 (25)	320 (25)
	Omala F	150 (4)	220 (9)	320 (14)
Texaco Limited	Meropa	150 (2)	220 (2)	320 (2)
	Meropa WM	150 (2)	220 (2)	320 (2)
Total	Carter EP	150 (20)	220 (20)	320 (20)
Tribol	Tribol 1100	150 (-7)	220 (-4)	320 (0)

Numbers in brackets indicate the minimum pour point temperature of the specified oil (in °F)
The gear unit must not be run below this temperature.

Approved Lubricants Type H

ISO: CLP-HC - Polyalphaolefin based synthetic lubricants with anti-wear or EP additives.

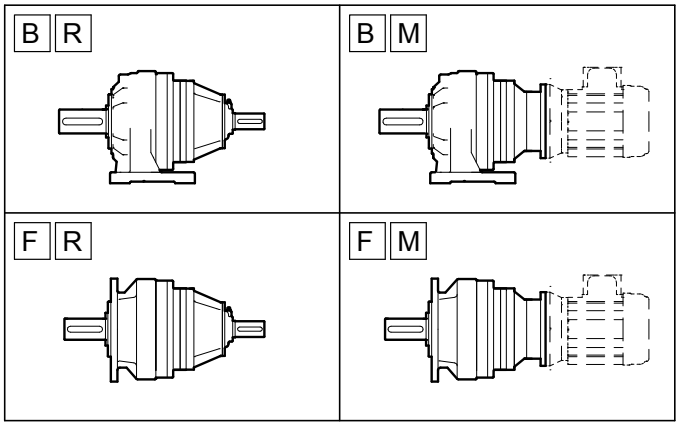
Supplier	Lubricant Type	4H	5H	6H
		Ambient Temperature Range		
		-22 to 68°F	-14 to 104°F	86 to 122°F
BP Oil International Limited	Enersyn EPX	-	-	320 (-18)
Caltex	Pinnacle EP	150 (-50)	220 (-50)	320 (-50)
Carl Bechem GmbH	Berusynth GP	150 (-43)	220 (-36)	320 (-30)
Castrol International	Alphasyn EP	150 (-45)	220 (-35)	320 (-24)
	Alphasyn T	150 (-24)	220 (-24)	320 (-24)
Esso/Exxon	Spartan Synthetic EP	150 (-56)	220 (-50)	320 (-45)
Fuchs Lubricants	Renolin Unisyn CLP	150 (-40)	220 (-35)	320 (-30)
Klüber Lubrication	Klübersynth GEM4	150 (-30)	220 (-22)	320 (-13)
Kuwait Petroleum International	Q8 El Greco	150 (-18)	220 (-8)	320 (-2)
Mobil Oil Company Limited	Mobilgear SHC	150 (-45)	220 (-40)	320 (-35)
Optimal Ölwerke GmbH	Optigear Synthetic A	-	220 (-23)	320 (-23)
Petro-Canada	Super Gear Fluid	150 (-35)	220 (-35)	320 (-35)
Shell Oils	Omala HD	150 (-56)	220 (-45)	320 (-40)
Texaco Limited	Pinnacle EP	150 (-45)	220 (-45)	320 (-45)
Total	Carter EP/HT	150 (-35)	220 (-30)	320 (-24)
Tribol GmbH	Tribol 1510	150 (-40)	220 (-32)	320 (-27)

Numbers in brackets indicate the minimum pour point temperature of the specified oil (in °F)
The gear unit must not be run below this temperature.

Approved Bearing Greases

NLGI grade 2 grease's, suitable for operating in ambient temperature range of -4°F to 122°F
For use outside this range consult our Application Engineers

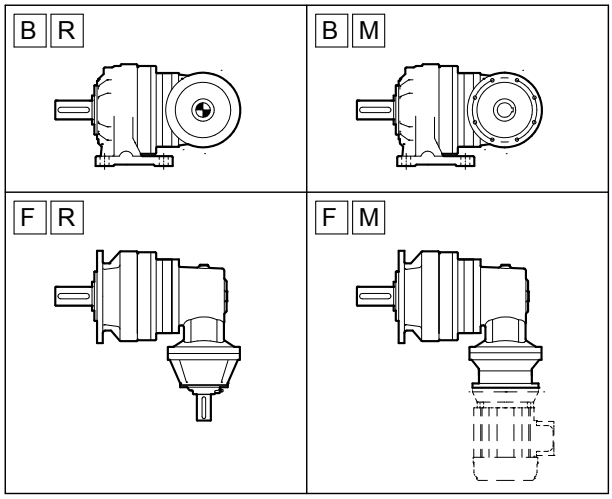
Supplier	Lubricant Range
BP Oil International Limited	Energrease LS-EP
Caltex	Multifak EP
Castrol International	LMX Grease
Fuchs Lubricants	Renolit EP
Klüber Lubrication	Klüberlub BE 41-542
Mobil Oil Company Limited	Mobilgrease XHP
Omega Manufacturing Division	Omega 85
Optimol Ölwerke GmbH	Longtime PD
Shell Oils	Albida RL
	Alvania EP B



Weight (lb's) PL Units

			56C		142/145TC		182/184TC		213/215TC		254/256TC		284/286TC		324/326TC	
	BR	FR	BM	FM	BM	FM	BM	FM	BM	FM	BM	FM	BM	FM	BM	FM
PL0110	65	59	90	84	105	99	145	139	225	219	-	-	-	-	-	-
PL0120	79	72	104	97	119	112	159	152	239	232	-	-	-	-	-	-
PL0130	93	86	118	111	133	126	173	166	253	246	-	-	-	-	-	-
PL0140	106	99	131	124	146	139	186	179	266	259	-	-	-	-	-	-
PL0210	71	64	96	89	111	104	151	144	231	224	-	-	-	-	-	-
PL0220	85	78	110	103	125	118	165	158	245	238	-	-	-	-	-	-
PL0230	98	92	123	117	138	132	178	172	258	252	-	-	-	-	-	-
PL0240	112	105	137	130	152	145	192	185	272	265	-	-	-	-	-	-
PL0310	143	129	-	-	-	-	-	-	303	289	453	439	593	579	-	-
PL0320	144	131	169	156	184	171	224	211	304	291	-	-	-	-	-	-
PL0330	158	145	183	170	198	185	238	225	318	305	-	-	-	-	-	-
PL0340	172	158	197	183	212	198	252	238	332	318	-	-	-	-	-	-
PL0510	153	139	-	-	-	-	-	-	313	299	463	449	603	589		
PL0520	163	149	188	174	203	189	243	229	323	309	-	-	-	-	-	-
PL0530	177	163	202	188	217	203	257	243	337	323	-	-	-	-	-	-
PL0540	191	177	216	202	231	217	271	257	351	337	-	-	-	-	-	-
PL0810	245	221	-	-	-	-	-	-	-	-	-	-	695	671	695	671
PL0820	258	234			-				418	394	568	544	708	684		
PL0830	260	236	285	261	300	276	340	316	420	396	-	-	-	-	-	-
PL0840	274	249	299	274	314	289	354	329	434	409	-	-	-	-	-	-
PL1210	261	236	-	-	-	-	-	-	-	-	-	-	711	686	711	686
PL1220	285	260	-	-	-	-	-	-	445	420	595	570	735	710		
PL1230	295	270	320	295	335	310	375	350	455	430	-	-	-	-	-	-
PL1240	309	284	334	309	349	324	389	364	469	444	-	-	-	-	-	-
PL1610	439	386	-	-	-	-	-	-	-	-	-	-	-	-	889	836
PL1620	430	377	-	-	-	-	-	-	590	537	740	687	880	827		
PL1630	439	388	464	413	479	428	519	468	599	548	-	-	-	-	-	-
PL1640	452	401	477	426	492	441	532	481	612	561	-	-	-	-	-	-
PL2510	576	490	-	-	-	-	-	-	-	-	-	-	-	-	1026	940
PL2520	576	490	-	-	-	-	-	-	-	-	-	-	1026	940	1026	940
PL2530	589	503	-	-	-	-	-	-	749	663	899	813	1039	953	-	-
PL2540	593	507	618	532	633	547	673	587	753	667	-	-	-	-	-	-

SHIPPING SPECIFICATION



Weight (lb's) PR Units

	BR	FR	56C		142/145TC		182/184TC		213/215TC		254/256TC		284/286TC	
			BM	FM	BM	FM	BM	FM	BM	FM	BM	FM	BM	FM
PR0120	107	114	132	139	147	154	187	194	267	274	-	-	-	-
PR0130	121	86	146	111	161	126	201	166	281	246	-	-	-	-
PR0140	135	99	160	124	175	139	215	179	295	259	-	-	-	-
PR0220	113	119	138	144	153	159	193	199	273	279	-	-	-	-
PR0230	126	133	151	158	166	173	206	213	286	293	-	-	-	-
PR0240	140	147	165	172	180	187	220	227	300	307	-	-	-	-
PR0320	209	222	234	247	249	262	289	302	369	382	-	-	-	-
PR0330	186	200	211	225	226	240	266	280	346	360	-	-	-	-
PR0340	193	207	218	232	233	247	273	287	353	367	-	-	-	-
PR0520	219	233	244	258	259	273	299	313	379	393	-	-	-	-
PR0530	205	218	230	243	245	258	285	298	365	378	-	-	-	-
PR0540	219	232	244	257	259	272	299	312	379	392	-	-	-	-
PR0820	377	401	-	-	-	-	-	-	537	561	687	711	827	851
PR0830	324	349	349	374	364	389	404	429	484	509	-	-	-	-
PR0840	302	326	327	351	342	366	382	406	462	486	-	-	-	-
PR1220	393	418	-	-	-	-	-	-	553	578	703	728	843	868
PR1230	351	376	376	401	391	416	431	456	511	536	-	-	-	-
PR1240	337	362	362	387	377	402	417	442	497	522	-	-	-	-
PR1620	622	675	-	-	-	-	-	-	782	835	932	985	1072	1125
PR1630	496	549	521	574	536	589	576	629	656	709	-	-	-	-
PR1640	481	532	506	557	521	572	561	612	641	692	-	-	-	-
PR2530	708	794	-	-	-	-	-	-	868	954	1018	1104	1158	1244
PR2540	655	741	680	766	695	781	735	821	815	901	-	-	-	-
PR4030	995	1077	-	-	-	-	-	-	1155	1237	1305	1387	1445	1527
PR4040	889	973	914	998	929	1013	969	1053	1049	1133	-	-	-	-
PR6540	1582	1747	-	-	-	-	-	-	1742	1907	1892	2057	2032	2197

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 the 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.

The 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 an open flame in the proximity of gearbox openings, due to the risk of fire or explosion.
   (b) In the event of fire or serious overheating (over 570 °F), certain materials (rubber, plastics, etc...) can decompose and produce fumes. Care should be taken to avoid exposure to the fumes, and the remains of burned or overheated plastic/rubber materials should be handled with rubber gloves.

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

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

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

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

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

7) Installation, Maintenance and Storage
   (a) In the event that equipment is to be held in storage, for a period exceeding 6 months, prior to installation or commissioning, application engineering 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 over wrap 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 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 an Application Engineer.

NOTES

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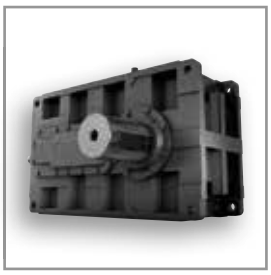

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