

Motors Catalog



North American Electric, Inc.



Motors Made Easy

***General Purpose Motors
Special Purpose Motors
Accessories***



ISO 9001





MISSION STATEMENT

To provide complete automation solutions for the United States and international market with products and service that meet or exceed customer expectations for quality, performance, and reliability at the lowest possible cost and delivered within the customer's schedule, through our authorized distribution network.

COMPANY HISTORY

In 1993, North American Electric began sourcing high quality, high performance electric motors and gearing from around the world and distributed them on a national and international level. In 2014, we opened our NAE Motor Controls division enabling us to offer our wholesale distribution network complete automation solutions.



Motors



Controls



Gear Reducers



SINGLE PHASE, 56C FRAME, TEFC

1/3 HP—2 HP; 2 or 4-Pole
High Starting Torques
Capacitor Start / Capacitor Run Design
Rolled Steel Construction
Removable Feet



THREE-PHASE, 56C FRAME, TEFC

1/3 HP—3 HP; 2 or 4-Pole
High Starting Torque
Rolled Steel Construction
Removable Feet



THREE-PHASE, TEFC

1 HP—10 HP; 2 or 4-Pole
High Starting Torque
Rolled Steel Construction



SINGLE PHASE, FARM DUTY, TEFC

1/3 HP—10 HP; 2 or 4-Pole
High Starting Torques
Manual Overload Protection (1/3 HP—5 HP)
Capacitor Start / Capacitor Run Design
Rolled Steel Construction



SINGLE PHASE, COMPRESSOR DUTY, ODP

3 HP—5 HP; 2 or 4-Pole
High Starting Torque
Capacitor Start / Capacitor Run Design
Rolled Steel Construction



THREE-PHASE, OPEN DRIP PROOF

1 HP—20 HP; 2 or 4-Pole
High Starting Torque
Rolled Steel Construction



ALUMINUM FRAME INVERTER DUTY MOTORS

1 HP—10 HP; 2 or 4-Pole
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT)



GENERAL PURPOSE INVERTER DUTY MOTORS

1 HP—300 HP; 2, 4, 6 or 8-Pole
NEMA Design B
Totally Enclosed Fan Cooled or Open Drip Proof
Inverter Duty (20:1 VT; 10:1 CT)



ROUND BODY MOTORS

1 HP—30 HP; 4-Pole; 1800 RPM
C-Flange without Feet
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT)



CRUSHER DUTY MOTORS

1 HP—600 HP; 4, 6 or 8-Pole
NEMA Design C
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)
Inverter Rated (10:1 VT; 5:1 CT) (250 HP—600 HP)



WASHDOWN DUTY MOTORS STAINLESS STEEL

1/3 HP—20 HP; 2, 4 or 6-Pole
C-Flange w/ Feet or Round Body
Inverter Duty (20:1 VT; 10:1 CT)



CLOSE COUPLED PUMP MOTORS

1 HP—75 HP; 2 or 4-Pole
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT)



EXPLOSION PROOF MOTORS

1—250 HP; 2, 4 or 6-Pole
All Motors Meet or Exceed UL 674 Specification
As Required By OSHA For Installation and Use In Hazardous Locations
Totally Enclosed Explosion Proof (TEXP)
Inverter Rated (10:1 VT; 5:1 CT)



OIL WELL PUMP MOTORS, TEFC

2 HP—150 HP; 6 or 8-Pole
NEMA Design D; High Slip (5%—8% Slip)
Special Purpose Oil Well Pump Motors
Inverter Duty (20:1 VT; 10:1 CT)



OIL WELL PUMP MOTORS, ODP

7.5 HP—100 HP; 6-Pole
NEMA Design D; High Slip (5%—8% Slip)
Special Purpose Oil Well Pump Motors
Inverter Duty (20:1 VT; 10:1 CT)



VERTICAL HOLLOW SHAFT PUMP MOTORS

10 HP—500 HP; 4-Pole
Extra High Thrust / Double Stacked Bearings Available
Inverter Rated (10:1 VT) or Inverter Duty (20:1 VT)



ROTARY UNIT MOTOR FOR ROTARY PHASE CONVERTER

3 HP—60 HP; 4-Pole
For Use with Rotary Phase Converters To Run Three Phase Equipment From Single Phase Power
Totally Enclosed Fan Cooled



SHAFT MOUNT REDUCERS & ACCESSORIES

2—10 Box Size
Gear Ratios: 15:1 or 25:1
Screw Conveyor Adaptors Available
Repair Kits Also Available



CONTROLS:

Safety Switches
Across the Line Starters (ATL)
Part Wind Starters (PWS)
Soft Starters
VFDs (Available in NEMA 3R, 4, 4X and 12)



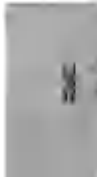
MOTOR SLIDE BASES

Available 56—505U Frame
Single-Adjusting Screw Type (56—145T Frame)
Double-Adjusting Screw Type (182T—505U Frame)



SAFETY SWITCHES – HEAVY DUTY

30 AMP—1200 AMP
480 VAC / 600 VAC
3-Pole / 3-Wire / Non-Fused or Fused
NEMA 3R Enclosure



ACROSS THE LINE STARTERS

NEMA 1—NEMA 5
Full NEMA Rated Contactors
Circuit Breaker or Fused w/ Flanged
NEMA 3R or 4X Enclosure



PART WIND STARTERS

10 HP—200 HP
IEC Rated Contactors
Circuit Breaker or Fused
NEMA 3R Enclosure



SOFT STARTERS

15 HP—300 HP
Siemens 3RW40 Series Devices
Normal Duty or Heavy Duty
Non-Combo or Circuit Breaker
NEMA 3R, 4X or 4/12 Enclosure



SOFT STARTERS—CRUSHER/ULTRA

20 HP—800 HP
SAF MS6 Series Devices
Ultra Heavy Duty (500% FLA for 30 Seconds)
Full Start-Rated Contactor
Circuit Breaker w/ Through Door
NEMA 3R or 4/12 Enclosure



VFD—ECONOMY

1 HP—800 HP Variable Torque
½ HP—600 HP Constant Torque
LSIs or Siemens Series Drives
Non-Combo, Circuit Breaker or Fused
NEMA 3R, 4, 4X or 12



VFD—STANDARD

1 HP—800 HP Variable Torque
½ HP—600 HP Constant Torque
LSIs or Siemens Series Drives
Circuit Breaker or Fused
NEMA 3R, 4, 4X or NEMA 12



VFD—WASHDOWN/STAINLESS

1 HP—200 HP Variable Torque
½ HP—150 HP Constant Torque
Siemens Series Drives
Circuit Breaker or Fused
NEMA 4X Enclosure



VFD—IRRIGATION

1 HP—800 HP
LSIs or Siemens Series Drives
24/7 Programmable & 0—10 Backspin Timer
Variable Torque
Circuit Breaker or Fused
NEMA 3R Enclosure



VFD—SUBMERSIBLE

½ HP—200 HP
LSIs or Siemens Series Drives
24/7 Programmable & 0—10 Backspin Timer
Variable Torque
Circuit Breaker or Fused
NEMA 3R Enclosure



VFD—POSITIVE DISPLACEMENT PUMP

3 HP—600 HP
LSIs or Siemens Series Drives
Constant Torque
Circuit Breaker w/ Flanged
NEMA 3R Enclosure



VFD—BEAM PUMP

1 HP—200 HP
Siemens Series Drives
ReGen Avoidance Design
Constant Torque
Circuit Breaker w/ Flanged
NEMA 3R Enclosure



CUSTOM PANELS



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General Purpose—Rolled Steel

Single Phase, 56C/CH Frame

Totally Enclosed Fan Cooled (TEFC)

1/3 HP—2 HP
GENERAL PURPOSE
C-FLANGE W/ FEET
ROLLED STEEL

56C/CH FRAME
SINGLE PHASE
TEFC

Standard Features Include:

- ① 1/3 HP—2 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz
- ③ Sealed Bearings
- ④ Class F Insulation System, Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Removable Feet¹
- ⑨ Capacitor Start / Capacitor Run Design
- ⑩ Aluminum Endbells
- ⑪ Corrosion Resistant Epoxy Paint
- ⑫ Condensation Drains with Plugs
- ⑬ IP55 Protection
- ⑭ Two (2) Year Warranty



SINGLE PHASE



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, farm equipment and other industrial and commercial machinery installed in damp, dusty or dirty environments.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
F56C1/3S2C	1/3	3600	115/208-230V	56C	--	60.7	3.83/2.12-1.92	10.7	20	--	M1	\$ 275.63
F56C1/3S4C	1/3	1800	115/208-230V	56C	--	65.0	3.92/2.17-1.96	10.7	22	--	M1	\$ 292.16
F56C1/2S2C	1/2	3600	115/208-230V	56C	--	70.8	5.03/2.78-2.52	10.7	24	--	M1	\$ 286.65
F56C1/2S4C	1/2	1800	115/208-230V	56C	--	71.1	5.7/3.15-2.85	10.7	28	--	M1	\$ 303.19
F56C3/4S2C	3/4	3600	115/208-230V	56C	--	75.1	6.82/3.77-3.41	10.7	26	--	M1	\$ 308.70
F56C3/4S4C	3/4	1800	115/208-230V	56C	--	74.6	7.33/4.05-3.66	11.5	33	--	M1	\$ 328.55
F56C1S2C	1	3600	115/208-230V	56C	--	76.1	8.61/4.76-4.31	11.5	30	--	M1	\$ 319.73
F56C1S4C	1	1800	115/208-230V	56C	--	77.6	9.09/5.02-4.54	11.5	36	--	M1	\$ 347.29
F56C1.5S2C	1.5	3600	115/208-230V	56C	--	81.3	12.47/6.89-6.23	11.5	36	--	M1	\$ 336.26
F56CH1.5S4C	1.5	1800	115/208-230V	56CH	--	81.7	12.41/6.86-6.2	12.5	44	1	M1	\$ 424.46
F56CH2S2C	2	3600	115/208-230V	56CH	--	82.3	15.92/8.8-7.96	12.5	43	1	M1	\$ 380.36
F56CH2S4C	2	1800	115/208-230V	56CH	--	83.6	16.17/8.94-8.08	13.7	52	1	M1	\$ 501.64

¹ 56CH Frames: Feet Are Dual Drilled for 56C and 143/5T Mounting Flexibility

Performance Data on p. 60
Dimensions on p. 81
Warranty on p. 116

General Purpose—Rolled Steel

Three-Phase, 56C/CH Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Rated (10:1 VT; 5:1 CT)

NEMA MG-1, PART 31, TABLE 12-12

1/3 HP—3 HP
GENERAL PURPOSE
C-FLANGE W/ FEET
ROLLED STEEL

56C/CH FRAME
THREE-PHASE
TEFC

ROLLED
STEEL

Standard Features Include:

- ① 1/3 HP—3 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz
- ③ Sealed Bearings
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Removable Feet⁴
- ⑨ Aluminum Endbells
- ⑩ Corrosion Resistant Epoxy Paint
- ⑪ Condensation Drains with Plugs
- ⑫ IP55 Protection
- ⑬ Three (3) Year Warranty (Extended Warranty Available)



THREE-PHASE



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial and commercial machinery installed in damp, dusty or dirty environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
F56C1/3M2A	1/3	3600	208-230/460	56C	--	67.6	1.28-1.32/0.66	10.7	17	2	M2	\$ 237.16
F56C1/3M2A-575V	1/3	3600	575	56C	--	62.8	0.57	10.7	17	1,2	M2	\$ 249.74
F56C1/3M4A	1/3	1800	208-230/460	56C	--	66.1	1.52-1.61/0.80	10.7	17	2	M2	\$ 222.64
F56C1/3M4A-575V	1/3	1800	575	56C	--	69.2	0.58	10.7	17	1,2	M2	\$ 234.26
F56C1/2M2A	1/2	3600	208-230/460	56C	--	71.6	1.74-1.68/0.84	10.7	18	2	M2	\$ 246.84
F56C1/2M2A-575V	1/2	3600	575	56C	--	69.3	0.67	10.7	18	1,2	M2	\$ 259.42
F56C1/2M4A	1/2	1800	208-230/460	56C	--	74.1	1.9-1.96/0.98	10.7	22	2	M2	\$ 232.32
F56C1/2M4A-575V	1/2	1800	575	56C	--	77.1	0.7	10.7	22	1,2	M2	\$ 243.94
F56C3/4M2A	3/4	3600	208-230/460	56C	--	80.3	2.24-2.0/1.0	10.7	19	2	M2	\$ 256.52
F56C3/4M2A-575V	3/4	3600	575	56C	--	76.2	0.87	10.7	20	1,2	M2	\$ 270.07
F56C3/4M4A	3/4	1800	208-230/460	56C	--	80.7	2.43-2.34/1.17	10.7	23	2	M2	\$ 245.87
F56C3/4M4A-575V	3/4	1800	575	56C	--	80.5	0.91	10.7	23	1,2	M2	\$ 259.42
PR56C1M2A	1	3600	208-230/460	56C	--	77	2.9-2.7/1.35	10.7	24	3	M2	\$ 345.40
PR56C1M2A-575V	1	3600	575	56C	--	78.1	1.1	10.7	21	1,3	M2	\$ 363.00
PR56C1M4A	1	1800	208-230/460	56C	--	85.5	3.3-3.0/1.5	10.7	33	3	M2	\$ 396.00
PR56C1M4A-575V	1	1800	575	56C	--	85.5	1.2	10.7	33	1,3	M2	\$ 415.80
PR56C1.5M2A	1.5	3600	208-230/460	56C	--	84	4.2-3.8/1.9	10.7	27	3	M2	\$ 369.60
PR56C1.5M2A-575V	1.5	3600	575	56C	--	84.4	1.6	10.7	27	1,3	M2	\$ 388.30
PR56C1.5M4A	1.5	1800	208-230/460	56C	--	86.5	4.8-4.4/2.2	10.7	36	3	M2	\$ 424.60
PR56C1.5M4A-575V	1.5	1800	575	56C	--	86.5	1.8	10.7	38	1,3	M2	\$ 445.50
PR56C2M2A	2	3600	208-230/460	56C	--	85.5	5.4-5.0/2.5	10.7	28	3	M2	\$ 388.30
PR56C2M2A-575V	2	3600	575	56C	--	85.5	2.1	10.7	34	1,3	M2	\$ 408.10
PR56C2M4A	2	1800	208-230/460	56CH	--	86.5	5.9-5.7/2.85	10.7	40	3,4	M2	\$ 480.70
PR56C2M4A-575V	2	1800	575	56CH	--	86.5	2.4	10.7	40	1,3,4	M2	\$ 504.90
PR56C3M2A	3	3600	208-230/460	56CH	--	86.5	8.2-7.6/3.8	10.7	41	3,4	M2	\$ 462.00
PR56C3M2A-575V	3	3600	575	56CH	--	86.5	2.9	10.7	42	1,3,4	M2	\$ 485.10

¹ 575 Volt Only

² High Efficiency Design

³ NEMA Premium Efficiency Design®

⁴ 56CH Frames: Feet Are Dual Drilled for 56C and 143/5T Mounting Flexibility

Performance Data on p. 60
Dimensions on p. 82
Warranty on p. 116

General Purpose—Rolled Steel

Three-Phase, 143T—215T Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Rated (10:1 VT; 5:1 CT)

NEMA MG-1, PART 31, TABLE 12-12

1 HP—10 HP

GENERAL PURPOSE

ROLLED STEEL

143T—215T FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ❶ 1 HP—10 HP in Stock
- ❷ 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ❸ Sealed Bearings
- ❹ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ NEMA Design B Performance / High Starting Torque
- ❽ Feet are Dual Drilled for Mounting Flexibility
- ❾ Corrosion Resistant Epoxy Paint
- ❿ Lifting Provision
- ⓫ Condensation Drains with Plugs
- ⓬ IP55 Protection
- ⓭ Three (3) Year Warranty (Extended Warranty Available)
- ⓮ C-Flange Field Conversion Kits Available¹



THREE-PHASE



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial and commercial machinery installed in damp, dusty or dirty environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PR143T1M4A	1	1800	208-230/460	143T	RSTE-PR	85.5	3.3-3/1.5	12.69	33	--	M7	\$ 376.20
PR143T1.5M2A	1.5	3600	208-230/460	143T	RSTE-PR	84.0	4.3-4/2	12.7	29	--	M7	\$ 388.30
PR145T1.5M4A	1.5	1800	208-230/460	145T	RSTE-PR	86.5	4.8-4.4/2.2	12.69	37.5	--	M7	\$ 400.40
PR145T2M2A	2	3600	208-230/460	145T	RSTE-PR	85.5	5.4-5/2.5	12.7	32	--	M7	\$ 443.30
PR145T2M4A	2	1800	208-230/460	145T	RSTE-PR	86.5	6.5-6/3	12.89	41	--	M7	\$ 413.60
PR182T3M2A	3	3600	208-230/460	182T	RSTE	86.5	8.2-7.6/3.8	15.5	76	--	M7	\$ 739.20
PR182T3M4A	3	1800	208-230/460	182T	RSTE	89.5	8.6-8/4	15.5	83	--	M7	\$ 591.80
PR184T5M2A	5	3600	208-230/460	184T	RSTE	88.5	13-11.8/5.9	15.5	83	--	M7	\$ 800.80
PR184T5M4A	5	1800	208-230/460	184T	RSTE	89.5	13.5-12.4/6.2	15.5	91	--	M7	\$ 634.70
PR213T7.5M2A	7.5	3600	208-230/460	213T	RSTE	89.5	20-18.4/9.2	19.0	125	1	M7	\$ 1,108.80
PR213T7.5M4A	7.5	1800	208-230/460	213T	RSTE	91.7	21-19.2/9.6	19.0	129	1	M7	\$ 862.40
PR215T10M2A	10	3600	208-230/460	215T	RSTE	90.2	26-24/12	19.0	130	1	M7	\$ 1,170.40
PR215T10M4A	10	1800	208-230/460	215T	RSTE	91.7	27.5-25.2/12.6	19.0	149	1	M7	\$ 942.70

¹ See p. 57 for C-Flange Field Conversion Kits

Performance Data on p. 61
Dimensions on p. 83
Warranty on p. 116

General Purpose—Farm Duty

Single Phase, 56C—215T Frame

Totally Enclosed Fan Cooled (TEFC)

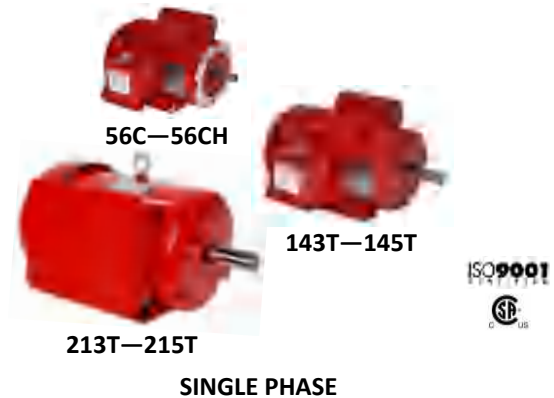
1/3 HP—10 HP
FARM DUTY
ROLLED STEEL

56C—215T FRAME
SINGLE PHASE
TEFC

ROLLED
STEEL

Standard Features Include:

- ❶ 1/3 HP—10 HP in Stock
- ❷ 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor for 10 HP Only
- ❸ Sealed Bearings
- ❹ Class F Insulation System, Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ High Starting Torque
- ❽ Feet are Dual Drilled for Mounting Flexibility¹
- ❾ Manual Overload Protection (1/3 HP—5 HP)
- ❿ Capacitor Start / Capacitor Run Design
- ⓫ Corrosion Resistant Epoxy Paint
- ⓬ Lifting Provision on 182T and Above
- ⓭ Condensation Drains with Plugs
- ⓮ IP55 Protection
- ⓯ Two (2) Year Warranty
- ⓰ C-Flange Field Conversion Kits Available³



SINGLE PHASE

APPLICATIONS:

General purpose use on pumps, fans, conveyors, poultry equipment, air compressors and other farm duty machinery requiring high starting torque.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
F56C1/3S4C-MO	1/3	1800	115/208-230	56C	--	65.0	3.92/2.17-1.96	10.7	22	1	M1	\$ 303.19
F56C1/2S4C-MO	1/2	1800	115/208-230	56C	--	71.1	5.7/3.15-2.85	10.7	28	1	M1	\$ 314.21
F56C3/4S4C-MO	3/4	1800	115/208-230	56C	--	74.6	7.33/4.05-3.66	11.5	33	1	M1	\$ 336.26
F56C1S4C-MO	1	1800	115/208-230	56C	--	77.6	9.09/5.02-4.54	11.5	36	1	M1	\$ 380.36
F143T1S4C-MO	1	1800	115/208-230	143T	NEFD	74.0	9.2/5-4.7	13.4	41	--	M10	\$ 396.90
F56CH1.5S4C-MO	1.5	1800	115/208-230	56CH	--	81.7	12.41/6.86-6.2	12.5	44	1	M1	\$ 445.41
F145T1.5S4C-MO	1.5	1800	115/208-230	145T	NEFD	77.0	13.3/7.1-6.6	13.4	45	--	M10	\$ 452.03
F56CH2S4C-MO	2	1800	115/208-230	56CH	--	83.6	16.17/8.94-8.08	13.7	52	1	M1	\$ 511.56
F145T2S4C-MO	2	1800	115/208-230	145T	NEFD	82.0	16.5/9-8.3	14.2	50	--	M10	\$ 529.20
F182T3S4C-MO	3	1800	208-230/460	182T	NEFD	81.5	14.5-12.6/6.4	16.8	92	--	M10	\$ 727.65
F184T5S2C-MO	5	3600	230/460	184T	NEFD	81.2	20/10	16.8	115	--	M10	\$ 865.46
F184T5S4C-MO	5	1800	208-230/460	184T	NEFD	84.7	22.8-20/10	17.9	110	--	M10	\$ 865.46
F213T7.5S4C	7.5	1800	208-230/460	213T	NEFD	84.4	34-29.5/15	20.3	140	2	M10	\$ 1,256.85
F215T10S4C	10	1800	208-230/460	215T	NEFD	88.7	43-37.8/18.9	20.3	150	2	M10	\$ 1,515.94

¹ Removable Feet on 56C/CH motors only

² Does not have Manual Overload Protection

³ See p. 57 for C-Flange Field Conversion Kits

Performance Data on p. 61
Dimensions on p. 84
Warranty on p. 116

General Purpose—Compressor Duty

Single Phase, 56H—184T Frame

Open Drip Proof (ODP)

3 HP—5 HP

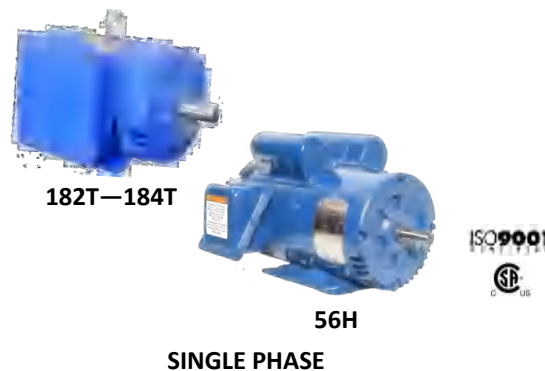
COMPRESSOR DUTY

ROLLED STEEL

56H—184T FRAME
SINGLE PHASE
ODP

Standard Features Include:

- ❶ 3 HP—5 HP in Stock
- ❷ 1.15 Service Factor @ 60 Hertz
- ❸ Sealed Bearings
- ❹ Class F Insulation System, Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ NEMA Design B Performance / High Starting Torque
- ❽ Feet are Dual Drilled for Mounting Flexibility¹
- ❾ Capacitor Start / Capacitor Run Design
- ❿ Cast Iron Endbells
- ⓫ Corrosion Resistant Epoxy Paint
- ⓬ IP22 Protection
- ⓬ Two (2) Year Warranty



APPLICATIONS:

General purpose use on pumps, fans, conveyors, blowers, air compressors, refrigeration equipment, industrial equipment, milling machines, tools, farm equipment, aeration equipment and other general purpose applications where contaminants are minimal.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
D182T3S4C	3	1800	208-230	182T	--	84.9	13.3-12	15.8	78	--	M9	\$ 622.91
D56H5S2C-MO	5	3600	208-230V	56H	--	86.5	20.94-18.94	13.4	56	--	M9	\$ 479.59
D184T5S4C	5	1800	208-230	184T	--	83.4	22-20	15.8	96	--	M9	\$ 694.58

Performance Data on p. 61
Dimensions on p. 85
Warranty on p. 116

General Purpose—Aluminum

Three Phase, 143T—215T Frame
Totally Enclosed Fan Cooled (TEFC)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA MG-1, PART 31, TABLE 12-12

1 HP—10 HP
GENERAL PURPOSE
ALUMINUM
143T—215T FRAME
THREE-PHASE
TEFC

ALUMINUM

Standard Features Include:

- ❶ 1 HP—10 HP in Stock
- ❷ 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
Suitable for 575V @ 1.0 Service Factor
- ❸ Sealed Bearings
- ❹ Class F Insulation System, Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ NEMA Design B Performance / High Starting Torque
- ❽ Feet are Dual Drilled for Mounting Flexibility;
Removable Bases
- ❾ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ❿ Corrosion Resistant Epoxy Paint
- ⓫ F1 / F2 Reversible
- ⓬ Lifting Provision
- ⓭ Condensation Drains with Plugs
- ⓮ Windings Rated for 2200V Peak Voltage Spikes
- ⓯ IP55 Protection
- ⓰ Three (3) Year Warranty (Extended Warranty Available)
- ⓱ C-Flange Field Conversion Kits Available¹



APPLICATIONS:

General purpose use for catfish pond aeration, pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
APE143T-1-4	1	1800	208-230/460	143T	APEW	85.5	3.2 - 3.0 / 1.5	13.9	35	--	M13	\$ 335.50
APE143T-1.5-2	1.5	3600	208-230/460	143T	APEW	84.0	4.4 - 4.0 / 2.0	13.9	33	--	M13	\$ 456.50
APE145T-1.5-4	1.5	1800	208-230/460	145T	APEW	86.5	4.7 - 4.4 / 2.2	15.1	39	--	M13	\$ 429.00
APE145T-2-2	2	3600	208-230/460	145T	APEW	85.5	5.8 - 5.3 / 2.65	15.1	37	--	M13	\$ 490.60
APE145T-2-4	2	1800	208-230/460	145T	APEW	86.5	6.6 - 6.2 / 3.1	15.1	42	--	M13	\$ 438.90
APE182T-3-2	3	3600	208-230/460	182T	APEW	86.5	7.9 - 7.4 / 3.7	15.6	65	--	M13	\$ 603.90
APE182T-3-4	3	1800	208-230/460	182T	APEW	89.5	8.2 - 7.6 / 3.8	15.6	68	--	M13	\$ 596.20
APE184T-5-2	5	3600	208-230/460	184T	APEW	88.5	13 - 11.6 / 5.8	16.6	82	--	M13	\$ 748.00
APE184T-5-4	5	1800	208-230/460	184T	APEW	89.5	14 - 13.6 / 6.8	16.6	81	--	M13	\$ 701.80
APE213T-7.5-2	7.5	3600	208-230/460	213T	APEW	89.5	18.8 - 17.6 / 8.8	18.2	105	--	M13	\$ 1,040.60
APE213T-7.5-4	7.5	1800	208-230/460	213T	APEW	91.7	19.8 - 18.4 / 9.2	18.2	106	--	M13	\$ 962.50
APE215T-10-2	10	3600	208-230/460	215T	APEW	90.2	23.9 - 22.8 / 11.4	19.6	123	--	M13	\$ 1,155.00
APE215T-10-4	10	1800	208-230/460	215T	APEW	91.7	26 - 24 / 12	19.6	118	--	M13	\$ 1,163.80

¹ See p. 56 for C-Flange Conversion Kits

Performance Data on p. 62
Dimensions on p. 86
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (350 HP—600 HP)

NEMA MG-1, PART 31, TABLE 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP
**GENERAL PURPOSE
CAST IRON**

143T—586/7UZ FRAME
THREE-PHASE
TEFC

GENERAL
PURPOSE

Standard Features Include:

- ① 1 HP—600 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz;
Suitable for 575V @ 1.0 Service Factor
- ③ Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above;
Insulated Bearing on ODE Available on 444T and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Feet are Dual Drilled for Mounting Flexibility
- ⑨ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage;
Single Voltage (460V) Ratings are Suitable for Part Wind Start
- ⑩ Corrosion Resistant Epoxy Paint
- ⑪ F1 / F2 Reversible
- ⑫ Lifting Provision
- ⑬ Condensation Drains with Plugs
- ⑭ Windings Rated for 2200V Peak Voltage Spikes
- ⑮ IP55 Protection
- ⑯ Three (3) Year Warranty (Extended Warranty Available)
- ⑰ C-Flange & D-Flange Field Conversion Kits Available⁹



1 HP—300 HP



350 HP—600 HP



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143T-1-4	1	1800	208-230/460	143T	NEWT	85.5	3.2 - 3 / 1.5	13.6	47	1,2,5	M16	\$ 335.50
PE143T-1-4-575V	1	1800	575	143T	NEWT	85.5	1.2	13.6	47	1,2,5	M16	\$ 352.28
PE145T-1-6	1	1200	208-230/460	145T	NEWT	82.5	4 - 3.6 / 1.8	14.6	53	1,2,5	M16	\$ 467.50
PE145T-1-6-575V	1	1200	575	145T	NEWT	82.5	1.4	14.6	52	1,2,5	M16	\$ 490.88
PE143T-1.5-2	1.5	3600	208-230/460	143T	NEWT	84.0	4.4 - 4 / 2	13.6	46	1,2,5	M16	\$ 456.50
PE143T-1.5-2-575V	1.5	3600	575	143T	NEWT	84.0	1.6	13.6	46	1,2,5	M16	\$ 479.33
PE145T-1.5-4	1.5	1800	208-230/460	145T	NEWT	86.5	4.7 - 4.4 / 2.2	14.6	50	1,2,5	M16	\$ 429.00
PE145T-1.5-4-575V	1.5	1800	575	145T	NEWT	86.5	1.8	14.6	53	1,2,5	M16	\$ 450.45
PE182T-1.5-6	1.5	1200	208-230/460	182T	NEWT	87.5	5.2 - 4.8 / 2.4	16.1	87	1,2,5	M16	\$ 533.50
PE182T-1.5-6-575V	1.5	1200	575	182T	NEWT	87.5	1.9	16.1	95	1,2,5	M16	\$ 560.18
PE145T-2-2	2	3600	208-230/460	145T	NEWT	85.5	5.8 - 5.3 / 2.65	14.6	48	1,2,5	M16	\$ 490.60
PE145T-2-2-575V	2	3600	575	145T	NEWT	85.5	2.1	14.6	52	1,2,5	M16	\$ 515.13
PE145T-2-4	2	1800	208-230/460	145T	NEWT	86.5	6.6 - 6.2 / 3.1	14.6	56	1,2,5	M16	\$ 438.90
PE145T-2-4-575V	2	1800	575	145T	NEWT	86.5	2.5	14.6	57	1,2,5	M16	\$ 460.85
PE184T-2-6	2	1200	208-230/460	184T	NEWT	88.5	6.4 - 5.9 / 2.95	17.1	91	1,2,5	M16	\$ 674.30
PE184T-2-6-575V	2	1200	575	184T	NEWT	88.5	2.4	17.1	103	1,2,5	M16	\$ 708.02

¹ NEMA Premium® (NEMA MG-1, Table 12-12)

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

³ 12 Lead Part Wind Start at 230V

⁴ 6 Lead Part Wind Start at 460V

⁵ Ball Bearing on Drive End

⁶ Insulated Bearing on Opposite Drive End

⁷ Equipped with Terminal Blocks as Standard

⁸ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁹ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on pp. 63—64
Dimensions on pp. 87—89
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (350 HP—600 HP)

NEMA MG-1, PART 31, TABLE 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME

THREE-PHASE

TEFC

GENERAL
PURPOSE

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE145T-3-2	3	3600	208-230/460	145T	NEWT	86.5	9 - 8.2 / 4.1	14.6	54	1,2,5	M16	\$ 603.90
PE182T-3-2	3	3600	208-230/460	182T	NEWT	86.5	7.9 - 7.4 / 3.7	16.1	86	1,2,5	M16	\$ 603.90
PE182T-3-2-575V	3	3600	575	182T	NEWT	86.5	3.0	16.1	90	1,2,5	M16	\$ 634.10
PE182T-3-4	3	1800	208-230/460	182T	NEWT	89.5	8.2 - 7.6 / 3.8	16.1	90	1,2,5	M16	\$ 596.20
PE182T-3-4-575V	3	1800	575	182T	NEWT	89.5	3.0	16.1	97	1,2,5	M16	\$ 626.01
PE213T-3-6	3	1200	208-230/460	213T	NEPE	89.5	9.2 - 8.4 / 4.2	18.9	146	1,2,5	M16	\$ 910.80
PE213T-3-6-575V	3	1200	575	213T	NEPE	89.5	3.4	18.9	136	1,2,5	M16	\$ 956.34
PE184T-5-2	5	3600	208-230/460	184T	NEWT	88.5	13 - 11.6 / 5.8	17.1	102	1,2,5	M16	\$ 748.00
PE184T-5-2-575V	5	3600	575	184T	NEWT	88.5	4.6	17.1	110	1,2,5	M16	\$ 785.40
PE184T-5-4	5	1800	208-230/460	184T	NEWT	89.5	14 - 13.6 / 6.8	17.1	101	1,2,5	M16	\$ 701.80
PE184T-5-4-575V	5	1800	575	184T	NEWT	89.5	5.4	17.1	94	1,2,5	M16	\$ 736.89
PE215T-5-6	5	1200	208-230/460	215T	NEPE	89.5	15.6 - 14.2 / 7.1	20.4	151	1,2,5	M16	\$ 1,171.50
PE215T-5-6-575V	5	1200	575	215T	NEPE	89.5	5.7	20.4	162	1,2,5	M16	\$ 1,230.08
PE184T-7.5-2	7.5	3600	208-230/460	184T	NEWT	89.5	18.8 - 17.6 / 8.8	17.1	117	1,2,5	M16	\$ 1,040.60
PE213T-7.5-2	7.5	3600	208-230/460	213T	NEWT	89.5	18.8 - 17.6 / 8.8	18.9	154	1,2,5	M16	\$ 1,040.60
PE213T-7.5-2-575V	7.5	3600	575	213T	NEWT	89.5	7.0	18.9	145	1,2,5	M16	\$ 1,092.63
PE213T-7.5-4	7.5	1800	208-230/460	213T	NEPE	91.7	19.8 - 18.4 / 9.2	18.9	155	1,2,5	M16	\$ 962.50
PE213T-7.5-4-575V	7.5	1800	575	213T	NEPE	91.7	7.4	18.9	155	1,2,5	M16	\$ 1,010.63
PE254T-7.5-6	7.5	1200	208-230/460	254T	NEPE	91.0	21 - 19.6 / 9.8	23.2	242	1,2,3,5	M16	\$ 1,538.90
PE254T-7.5-6-575V	7.5	1200	575	254T	NEPE	91.0	7.8	23.2	272	1,2,5	M16	\$ 1,615.85
PE215T-10-2	10	3600	208-230/460	215T	NEWT	90.2	23.9 - 22.8 / 11.4	20.4	162	1,2,5	M16	\$ 1,155.00
PE215T-10-2-575V	10	3600	575	215T	NEWT	90.2	9.1	20.4	167	1,2,5	M16	\$ 1,212.75
PE215T-10-4	10	1800	208-230/460	215T	NEPE	91.7	26 - 24 / 12	20.4	178	1,2,5	M16	\$ 1,163.80
PE215T-10-4-575V	10	1800	575	215T	NEPE	91.7	9.6	20.4	206	1,2,5	M16	\$ 1,221.99
PE256T-10-6	10	1200	208-230/460	256T	NEPE	91.0	27.2 - 25.6 / 12.8	25.0	261	1,2,3,5	M16	\$ 1,936.00
PE256T-10-6-575V	10	1200	575	256T	NEPE	91.0	10.2	25.0	293	1,2,5	M16	\$ 2,032.80
PE215T-15-2	15	3600	208-230/460	215T	NEWT	91.0	37 - 35 / 17.5	20.4	179	1,2,5	M16	\$ 1,722.60
PE254T-15-2	15	3600	208-230/460	254T	NEWT	91.0	36.2 - 34.4 / 17.2	23.2	260	1,2,3,5	M16	\$ 1,722.60
PE254T-15-2-575V	15	3600	575	254T	NEWT	91.0	13.8	23.2	286	1,2,5	M16	\$ 1,808.73
PE254T-15-4	15	1800	208-230/460	254T	NEPE	92.4	37.2 - 36.4 / 18.2	23.2	275	1,2,3,5	M16	\$ 1,672.00
PE254T-15-4-575V	15	1800	575	254T	NEPE	92.4	14.6	23.2	285	1,2,5	M16	\$ 1,755.60
PE284T-15-6	15	1200	208-230/460	284T	NEWT	91.7	41 - 38 / 19	26.6	315	1,2,3,5	M16	\$ 2,546.50
PE284T-15-6-575V	15	1200	575	284T	NEWT	91.7	15.2	26.6	363	1,2,5	M16	\$ 2,673.83
PE256T-20-2	20	3600	208-230/460	256T	NEWT	91.0	48.5 - 46 / 23	25.0	280	1,2,3,5	M16	\$ 2,106.50
PE256T-20-2-575V	20	3600	575	256T	NEWT	91.0	18.4	25.0	315	1,2,5	M16	\$ 2,211.83
PE256T-20-4	20	1800	208-230/460	256T	NEPE	93.0	51.8 - 48.4 / 24.2	25.0	317	1,2,3,5	M16	\$ 1,919.50
PE256T-20-4-575V	20	1800	575	256T	NEPE	93.0	19.4	25.0	317	1,2,5	M16	\$ 2,015.48
PE286T-20-6	20	1200	208-230/460	286T	NEWT	91.7	54.7 - 50 / 25	28.1	394	1,2,3,5	M16	\$ 3,030.50
PE286T-20-6-575V	20	1200	575	286T	NEWT	91.7	20.0	28.1	394	1,2,5	M16	\$ 3,182.03
PE256T-25-2	25	3600	208-230/460	256T	NEWT	91.7	60 - 56 / 28	25.0	298	1,2,3,5	M16	\$ 2,456.00
PE284T-25-2	25	3600	208-230/460	284T	NEWT	91.7	61 - 57 / 28.5	26.6	383	1,2,3,5	M16	\$ 2,456.00
PE284TS-25-2	25	3600	208-230/460	284TS	NEWT	91.7	61 - 57 / 28.5	25.2	383	1,2,3,5	M16	\$ 2,456.00
PE284TS-25-2-575V	25	3600	575	284TS	NEWT	91.7	22.8	25.2	385	1,2,5	M16	\$ 2,578.80
PE284T-25-4	25	1800	208-230/460	284T	NEWT	93.6	65 - 60 / 30	26.6	364	1,2,3,5	M16	\$ 2,275.00
PE284TS-25-4	25	1800	208-230/460	284TS	NEWT	93.6	65 - 60 / 30	25.2	364	1,2,3,5	M16	\$ 2,275.00
PE284T-25-4-575V	25	1800	575	284T	NEWT	93.6	24.0	26.6	398	1,2,5	M16	\$ 2,388.75
PE324T-25-6	25	1200	208-230/460	324T	NEWT	93.0	67 - 61 / 30.5	29.8	477	1,2,3,5	M16	\$ 3,130.00
PE324T-25-6-575V	25	1200	575	324T	NEWT	93.0	24.4	29.8	508	1,2,5	M16	\$ 3,286.50
PE286T-30-2	30	3600	208-230/460	286T	NEWT	91.7	74 - 69 / 34.5	28.1	391	1,2,3,5	M16	\$ 2,638.00
PE286TS-30-2	30	3600	208-230/460	286TS	NEWT	91.7	74 - 69 / 34.5	26.7	391	1,2,3,5	M16	\$ 2,638.00
PE286TS-30-2-575V	30	3600	575	286TS	NEWT	91.7	27.6	26.7	409	1,2,5	M16	\$ 2,769.90
PE286T-30-4	30	1800	208-230/460	286T	NEWT	93.6	76 - 70.6 / 35.3	28.1	409	1,2,3,5	M16	\$ 2,575.00
PE286TS-30-4	30	1800	208-230/460	286TS	NEWT	93.6	76 - 70.6 / 35.3	26.7	409	1,2,3,5	M16	\$ 2,575.00
PE286T-30-4-575V	30	1800	575	286T	NEWT	93.6	28.2	28.1	437	1,2,5	M16	\$ 2,703.75
PE326T-30-6	30	1200	208-230/460	326T	NEWT	93.0	78 - 71.8 / 35.9	31.3	648	1,2,3,5	M16	\$ 3,675.00
PE326T-30-6-575V	30	1200	575	326T	NEWT	93.0	28.7	31.3	537	1,2,5	M16	\$ 3,858.75

¹ NEMA Premium® (NEMA MG-1, Table 12-12)

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

³ 12 Lead Part Wind Start at 230V

⁴ 6 Lead Part Wind Start at 460V

⁵ Ball Bearing on Drive End

⁶ Insulated Bearing on Opposite Drive End

⁷ Equipped with Terminal Blocks as Standard

⁸ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁹ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on pp. 63—64
Dimensions on pp. 87—89
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (350 HP—600 HP)

NEMA MG-1, PART 31, TABLE 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME

THREE-PHASE

TEFC

GENERAL
PURPOSE

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE286T-40-2	40	3600	208-230/460	286T	NEWT	92.4	95 - 89 / 44.5	28.1	401	1,2,3,5	M16	\$ 3,377.00
PE286TS-40-2	40	3600	208-230/460	286TS	NEWT	92.4	95 - 89 / 44.5	26.7	401	1,2,3,5	M16	\$ 3,377.00
PE324T-40-2	40	3600	208-230/460	324T	NEWT	92.4	94.9 - 91 / 45.5	29.8	532	1,2,3,5	M16	\$ 3,377.00
PE324TS-40-2	40	3600	208-230/460	324TS	NEWT	92.4	94.9 - 91 / 45.5	28.3	495	1,2,3,5	M16	\$ 3,377.00
PE324TS-40-2-575V	40	3600	575	324TS	NEWT	92.4	36.4	28.3	414	1,2,5	M16	\$ 3,545.85
PE324T-40-4	40	1800	208-230/460	324T	NEWT	94.1	100 - 93.2 / 46.6	29.8	513	1,2,3,5	M16	\$ 3,275.00
PE324TS-40-4	40	1800	208-230/460	324TS	NEWT	94.1	100 - 93.2 / 46.6	28.3	513	1,2,3,5	M16	\$ 3,275.00
PE324T-40-4-575V	40	1800	575	324T	NEWT	94.1	37.3	29.8	519	1,2,5	M16	\$ 3,438.75
PE364T-40-6	40	1200	208-230/460	364T	NEPE	94.1	110 - 100 / 50	32.5	724	1,2,3,5	M16	\$ 4,570.00
PE364T-40-6-575V	40	1200	575	364T	NEPE	94.1	40.0	32.5	697	1,2,5	M16	\$ 4,798.50
PE326T-50-2	50	3600	208-230/460	326T	NEWT	93.0	124 - 116.2 / 58.1	31.3	568	1,2,3,5	M16	\$ 4,250.00
PE326TS-50-2	50	3600	208-230/460	326TS	NEWT	93.0	124 - 116.2 / 58.1	29.8	568	1,2,3,5	M16	\$ 4,250.00
PE326TS-50-2-575V	50	3600	575	326TS	NEWT	93.0	46.5	29.8	548	1,2,5	M16	\$ 4,462.50
PE326T-50-4	50	1800	208-230/460	326T	NEWT	94.5	124 - 116.6 / 58.3	31.3	592	1,2,3,5	M16	\$ 3,725.00
PE326TS-50-4	50	1800	208-230/460	326TS	NEWT	94.5	124 - 116.6 / 58.3	29.8	592	1,2,3,5	M16	\$ 3,725.00
PE326T-50-4-575V	50	1800	575	326T	NEWT	94.5	46.6	31.3	594	1,2,5	M16	\$ 3,911.25
PE365T-50-6	50	1200	208-230/460	365T	NEPE	94.1	132 - 124 / 62	33.5	779	1,2,3,5	M16	\$ 5,995.00
PE365T-50-6-575V	50	1200	575	365T	NEPE	94.1	49.6	33.5	752	1,2,5	M16	\$ 6,294.75
PE364T-60-2	60	3600	208-230/460	364T	NEWT	93.6	146 - 132 / 66	33.5	805	1,2,3,5	M16	\$ 5,850.00
PE364TS-60-2	60	3600	208-230/460	364TS	NEWT	93.6	146 - 132 / 66	31.4	805	1,2,3,5	M16	\$ 5,850.00
PE364TS-60-2-575V	60	3600	575	364TS	NEWT	93.6	52.8	31.4	704	1,2,5	M16	\$ 6,142.50
PE364T-60-4	60	1800	208-230/460	364T	NEPE	95.0	154 - 139 / 69.5	32.5	801	1,2,3,5	M16	\$ 4,925.00
PE364TS-60-4	60	1800	208-230/460	364TS	NEPE	95.0	154 - 139 / 69.5	30.4	801	1,2,3,5	M16	\$ 4,925.00
PE364T-60-4-575V	60	1800	575	364T	NEPE	95.0	55.6	32.5	766	1,2,5	M16	\$ 5,171.25
PE404T-60-6	60	1200	208-230/460	404T	NEPE	94.5	154 - 140 / 70	38.0	959	1,2,3	M16	\$ 6,600.00
PE404T-60-6-BB	60	1200	208-230/460	404T	NEPE	94.5	154 - 140 / 70	38.0	959	1,2,3,5	M16	\$ 6,600.00
PE404T-60-6-575V	60	1200	575	404T	NEPE	94.5	56.0	38.0	1000	1,2,5	M16	\$ 6,930.00
PE365T-75-2	75	3600	208-230/460	365T	NEWT	93.6	184 - 166 / 83	33.5	833	1,2,3,5	M16	\$ 7,000.00
PE365TS-75-2	75	3600	208-230/460	365TS	NEWT	93.6	184 - 166 / 83	31.4	833	1,2,3,5	M16	\$ 7,000.00
PE365TS-75-2-575V	75	3600	575	365TS	NEWT	93.6	66.4	31.4	766	1,2,5	M16	\$ 7,350.00
PE365T-75-4	75	1800	208-230/460	365T	NEPE	95.4	193 - 174 / 87	33.5	823	1,2,3,5	M16	\$ 5,690.00
PE365TS-75-4	75	1800	208-230/460	365TS	NEPE	95.4	193 - 174 / 87	31.4	826	1,2,3,5	M16	\$ 5,690.00
PE365T-75-4-575V	75	1800	575	365T	NEPE	95.4	69.6	33.5	868	1,2,5	M16	\$ 5,974.50
PE405T-75-6	75	1200	208-230/460	405T	NEPE	94.5	193 - 174 / 87	38.0	1085	1,2,3	M16	\$ 6,925.00
PE405T-75-6-BB	75	1200	208-230/460	405T	NEPE	94.5	193 - 174 / 87	38.0	1085	1,2,3,5	M16	\$ 6,925.00
PE405T-75-6-575V	75	1200	575	405T	NEPE	94.5	69.6	38.0	1120	1,2	M16	\$ 7,271.25
PE405T-100-2	100	3600	208-230/460	405T	NEWT	94.1	248 - 224 / 112	38.0	1107	1,2,3,5	M16	\$ 8,440.00
PE405TS-100-2	100	3600	208-230/460	405TS	NEWT	94.1	248 - 224 / 112	35.0	1107	1,2,3,5	M16	\$ 8,440.00
PE405TS-100-2-575V	100	3600	575	405TS	NEWT	94.1	89.6	35.0	1040	1,2,5	M16	\$ 8,862.00
PE405T-100-4	100	1800	208-230/460	405T	NEPE	95.4	248 - 224 / 112	38.0	1228	1,2,3	M16	\$ 7,025.00
PE405TS-100-4	100	1800	208-230/460	405TS	NEPE	95.4	248 - 224 / 112	35.0	1228	1,2,3,5	M16	\$ 7,025.00
PE405T-100-4-BB	100	1800	208-230/460	405T	NEPE	95.4	248 - 224 / 112	38.0	1228	1,2,3,5	M16	\$ 7,025.00
PE405T-100-4-575V	100	1800	575	405T	NEPE	95.4	89.6	38.0	1058	1,2,5	M16	\$ 7,376.25
PE444T-100-6	100	1200	208-230/460	444T	NEPE	95.0	250 - 232 / 116	44.3	1364	1,2,3	M16	\$ 10,050.28
PE444T-100-6-IN	100	1200	208-230/460	444T	NEPE	95.0	250 - 232 / 116	44.3	1364	1,2,3,6	M16	\$ 11,685.28
PE444T-100-6-575V	100	1200	575	444T	NEPE	95.0	92.8	44.3	1320	1,2	M16	\$ 10,552.79
PE444TS-125-2	125	3600	460	444TS	NEWT	95.0	140.0	40.6	1331	1,2,4,5	M16	\$ 9,502.96
PE444TS-125-2-IN	125	3600	460	444TS	NEWT	95.0	140.0	40.6	1331	1,2,4,5,6	M16	\$ 11,137.96
PE444TS-125-2-575V	125	3600	575	444TS	NEWT	95.0	112.0	40.6	1247	1,2,5	M16	\$ 9,978.11
PE444T-125-4	125	1800	460	444T	NEPE	95.4	145.0	44.3	1471	1,2,4	M16	\$ 9,435.00
PE444TS-125-4	125	1800	460	444TS	NEPE	95.4	145.0	40.6	1471	1,2,4,5	M16	\$ 9,435.00
PE444T-125-4-BB	125	1800	460	444T	NEPE	95.4	145.0	44.3	1471	1,2,4,5	M16	\$ 9,435.00
PE444T-125-4-IN	125	1800	460	444T	NEPE	95.4	145.0	44.3	1471	1,2,4,6	M16	\$ 11,070.00
PE444T-125-4-575V	125	1800	575	444T	NEPE	95.4	116.0	44.3	1342	1,2	M16	\$ 9,906.75
PE445T-125-6	125	1200	460	445T	NEPE	95.0	147.0	44.3	1562	1,2,4	M16	\$ 11,250.02
PE445T-125-6-IN	125	1200	460	445T	NEPE	95.0	147.0	44.3	1562	1,2,4,6	M16	\$ 12,885.02
PE445T-125-6-575V	125	1200	575	445T	NEPE	95.0	27.6	44.3	1400	1,2,4	M16	\$ 11,812.52

¹ NEMA Premium® (NEMA MG-1, Table 12-12)

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

³ 12 Lead Part Wind Start at 230V

⁶ 6 Lead Part Wind Start at 460V

⁵ Ball Bearing on Drive End

⁶ Insulated Bearing on Opposite Drive End

⁷ Equipped with Terminal Blocks as Standard

⁸ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁹ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on pp. 63—64
Dimensions on pp. 87—89
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (350 HP—600 HP)

NEMA MG-1, PART 31, TABLE 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME

THREE-PHASE

TEFC

GENERAL
PURPOSE

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE445TS-150-2	150	3600	460	445TS	NEPE	95.0	166.0	40.6	1459	1,2,4,5	M16	\$ 12,685.52
PE445TS-150-2-IN	150	3600	460	445TS	NEPE	95.0	166.0	40.6	1459	1,2,4,5,6	M16	\$ 14,320.52
PE445TS-150-2-575V	150	3600	575	445TS	NEPE	95.0	132.8	40.6	1408	1,2,5	M16	\$ 13,319.80
PE445T-150-4	150	1800	460	445T	NEPE	95.8	171.0	44.3	1683	1,2,4	M16	\$ 11,495.21
PE445TS-150-4	150	1800	460	445TS	NEPE	95.8	171.0	40.6	1683	1,2,4,5	M16	\$ 11,495.21
PE445T-150-4-BB	150	1800	460	445T	NEPE	95.8	171.0	44.3	1683	1,2,4,5	M16	\$ 11,495.21
PE445T-150-4-IN	150	1800	460	445T	NEPE	95.8	171.0	44.3	1683	1,2,4,6	M16	\$ 13,130.21
PE445T-150-4-575V	150	1800	575	445T	NEPE	95.8	136.8	44.3	1672	1,2	M16	\$ 12,069.97
PE447T-150-6	150	1200	460	447T	NEPE	95.8	173.0	47.8	1826	1,2,4	M16	\$ 13,785.21
PE447T-150-6-IN	150	1200	460	447T	NEPE	95.8	173.0	47.8	1826	1,2,4,6	M16	\$ 15,420.21
PE447T-150-6-575V	150	1200	575	447T	NEPE	95.8	138.4	47.8	1800	1,2	M16	\$ 14,474.47
PE447TS-200-2	200	3600	460	447TS	NEPE	95.4	222.0	44.1	1761	1,2,4,5	M16	\$ 15,850.36
PE447TS-200-2-IN	200	3600	460	447TS	NEPE	95.4	222.0	44.1	1761	1,2,4,5,6	M16	\$ 17,485.36
PE447TS-200-2-575V	200	3600	575	447TS	NEPE	95.4	177.6	44.1	1584	1,2,5	M16	\$ 16,642.88
PE447T-200-4	200	1800	460	447T	NEPE	96.2	220.0	47.8	1890	1,2,4	M16	\$ 13,778.36
PE447TS-200-4	200	1800	460	447TS	NEPE	96.2	220.0	44.1	1866	1,2,4,5	M16	\$ 13,778.36
PE447T-200-4-BB	200	1800	460	447T	NEPE	96.2	220.0	47.8	1890	1,2,4,5	M16	\$ 13,778.36
PE447T-200-4-IN	200	1800	460	447T	NEPE	96.2	220.0	47.8	1890	1,2,4,6	M16	\$ 15,413.36
PE447T-200-4-575V	200	1800	575	447T	NEPE	96.2	176.0	47.8	1782	1,2	M16	\$ 14,467.28
PE449T-200-6	200	1200	460	449T	NEPE	95.8	230.0	52.8	2151	1,2,4	M16	\$ 15,550.02
PE449T-200-6-IN	200	1200	460	449T	NEPE	95.8	230.0	52.8	2151	1,2,4,6	M16	\$ 17,185.02
PE449T-200-6-575V	200	1200	575	449T	NEPE	95.8	184.0	52.8	2100	1,2	M16	\$ 16,327.52
PE449TS-250-2	250	3600	460	449TS	NEPE	95.8	266.0	49.1	1954	1,2,4,5	M16	\$ 17,531.84
PE449TS-250-2-IN	250	3600	460	449TS	NEPE	95.8	266.0	49.1	1954	1,2,4,5,6	M16	\$ 18,921.59
PE449TS-250-2-575V	250	3600	575	449TS	NEPE	95.8	212.8	49.1	1870	1,2,5	M16	\$ 18,408.43
PE449T-250-4	250	1800	460	449T	NEPE	96.2	275.0	52.8	2064	1,2,4	M16	\$ 16,292.38
PE449T-250-4-BB	250	1800	460	449T	NEPE	96.2	275.0	52.8	2064	1,2,4,5	M16	\$ 16,292.38
PE449T-250-4-IN	250	1800	460	449T	NEPE	96.2	275.0	52.8	2064	1,2,4,6	M16	\$ 17,682.13
PE449T-250-4-575V	250	1800	575	449T	NEPE	96.2	220.0	52.8	2150	1,2	M16	\$ 17,106.99
PE449T-250-6	250	1200	460	449T	NEPE	95.8	280.0	52.8	2387	1,2,4	M16	\$ 20,442.71
PE449T-250-6-IN	250	1200	460	449T	NEPE	95.8	280.0	52.8	2387	1,2,4,6	M16	\$ 21,832.46
PE449T-250-6-575V	250	1200	575	449T	NEPE	95.8	224.0	52.8	2323	1,2	M16	\$ 21,464.85
PE449TS-300-2	300	3600	460	449TS	NEPE	95.8	320.0	49.1	2087	1,2,4,5	M16	\$ 22,440.00
PE449TS-300-2-IN	300	3600	460	449TS	NEPE	95.8	320.0	49.1	2087	1,2,4,5,6	M16	\$ 23,829.75
PE449TS-300-2-575V	300	3600	575	449TS	NEPE	95.8	256.0	49.1	2002	1,2,5	M16	\$ 23,562.00
PE449T-300-4	300	1800	460	449T	NEPE	96.2	330.0	52.8	2196	1,2,4	M16	\$ 20,570.03
PE449T-300-4-BB	300	1800	460	449T	NEPE	96.2	330.0	52.8	2196	1,2,4,5	M16	\$ 20,570.03
PE449T-300-4-IN	300	1800	460	449T	NEPE	96.2	330.0	52.8	2196	1,2,4,6	M16	\$ 21,959.78
PE449T-300-4-575V	300	1800	575	449T	NEPE	96.2	264.0	52.8	2220	1,2	M16	\$ 21,598.53
PE449T-300-6	300	1200	460	449T	NEPE	95.8	357.0	52.8	2684	1,2,4	M16	\$ 24,475.78
PE449T-300-6-IN	300	1200	460	449T	NEPE	95.8	357.0	52.8	2684	1,2,4,6	M16	\$ 25,865.53
PE449T-300-6-575V	300	1200	575	449T	NEPE	95.8	285.6	52.8	2532	1,2	M16	\$ 25,699.56
PE587UZ-350-4C-BB	350	1800	460	587UZ	NC58	96.2	378.5	71.7	4846.6	1,4,5,7,8	M4	\$ 30,492.00
PE587UZ-350-6C-BB	350	1200	460	587UZ	NC58	95.8	390.4	71.7	5176	1,4,5,7,8	M4	\$ 34,654.40
PE587UZ-400-4C-BB	400	1800	460	587UZ	NC58	96.2	434.9	71.7	4983	1,4,5,7,8	M4	\$ 33,396.00
PE587UZ-400-6C-BB	400	1200	460	587UZ	NC58	95.8	448.6	71.7	5940	1,4,5,7,8	M4	\$ 38,381.20
PE587UZ-450-4C-BB	450	1800	460	587UZ	NC58	96.2	487.2	71.7	5370.2	1,4,5,7,8	M4	\$ 37,994.00
PE587UZ-450-6C-BB	450	1200	460	587UZ	NC58	96.2	504.7	71.7	6041.2	1,4,5,7,8	M4	\$ 44,963.60
PE587UZ-500-4C-BB	500	1800	460	587UZ	NC58	96.2	558.1	71.7	5687	1,4,5,7,8	M4	\$ 41,620.13
PE587UZ-500-6C-BB	500	1200	460	587UZ	NC58	95.8	563.1	71.7	6190.8	1,4,5,7,8	M4	\$ 49,319.60
PE587UZ-600-4C-BB	600	1800	460	587UZ	NC58	96.2	669.6	71.7	5946.6	1,4,5,7,8	M4	\$ 54,990.10

¹ NEMA Premium® (NEMA MG-1, Table 12-12)

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

³ 12 Lead Part Wind Start at 230V

⁴ 6 Lead Part Wind Start at 460V

⁵ Ball Bearing on Drive End

⁶ Insulated Bearing on Opposite Drive End

⁷ Equipped with Terminal Blocks as Standard

⁸ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁹ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on pp. 63—64
Dimensions on pp. 87—89
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143TC—449TC Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1, PART 31, TABLE 12-12

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—300 HP
GENERAL PURPOSE
C-FLANGE W/ FEET
CAST IRON
 143TC—449TC FRAME
 THREE-PHASE
 TEFC

GENERAL
PURPOSE

Standard Features Include:

- 1 1 HP—300 HP in Stock
- 2 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- 3 Sealed Bearings Through 215T Frame;
 Regreasable Open Bearings 254T Frame and Above;
 Insulated Bearing on ODE Available on 444T and Above
- 4 Class F Insulation System; Class B Rise at Full Load;
 Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- 5 40° C Ambient Continuous Duty
- 6 Stainless Steel Nameplate and Zinc Plate Hardware
- 7 NEMA Design B Performance / High Starting Torque
- 8 Feet are Dual Drilled for Mounting Flexibility
- 9 Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage;
 Single Voltage (460V) Ratings are Suitable for Part Wind Start
- 10 Corrosion Resistant Epoxy Paint
- 11 F1 / F2 Reversible
- 12 Lifting Provision
- 13 Condensation Drains with Plugs
- 14 Windings Rated for 2200V Peak Voltage Spikes
- 15 IP55 Protection
- 16 Three (3) Year Warranty (Extended Warranty Available)
- 17 D-Flange Field Conversion Kits Available⁴



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143TC-1-4	1	1800	208-230/460	143TC	NEWT	85.5	3.2 - 3 / 1.5	13.6	47	1	M16	\$ 348.92
PE145TC-1-6	1	1200	208-230/460	145TC	NEWT	82.5	4 - 3.6 / 1.8	14.6	57	1	M16	\$ 486.20
PE143TC-1.5-2	1.5	3600	208-230/460	143TC	NEWT	84.0	4.4 - 4 / 2	13.6	46	1	M16	\$ 474.76
PE145TC-1.5-4	1.5	1800	208-230/460	145TC	NEWT	86.5	4.7 - 4.4 / 2.2	14.6	52	1	M16	\$ 446.16
PE182TC-1.5-6	1.5	1200	208-230/460	182TC	NEWT	87.5	5.2 - 4.8 / 2.4	16.1	93	1	M16	\$ 554.84
PE145TC-2-2	2	3600	208-230/460	145TC	NEWT	85.5	5.8 - 5.3 / 2.65	14.6	49	1	M16	\$ 510.22
PE145TC-2-4	2	1800	208-230/460	145TC	NEWT	86.5	6.6 - 6.2 / 3.1	14.6	56	1	M16	\$ 456.46
PE184TC-2-6	2	1200	208-230/460	184TC	NEWT	88.5	6.4 - 5.9 / 2.95	17.1	91	1	M16	\$ 701.27
PE182TC-3-2	3	3600	208-230/460	182TC	NEWT	86.5	7.9 - 7.4 / 3.7	16.1	88	1	M16	\$ 628.06
PE182TC-3-4	3	1800	208-230/460	182TC	NEWT	89.5	8.2 - 7.6 / 3.8	16.1	92	1	M16	\$ 620.05
PE213TC-3-6	3	1200	208-230/460	213TC	NEPE	89.5	9.2 - 8.4 / 4.2	18.9	150	1	M16	\$ 947.23
PE184TC-5-2	5	3600	208-230/460	184TC	NEWT	88.5	13 - 11.6 / 5.8	17.1	102	1	M16	\$ 777.92
PE184TC-5-4	5	1800	208-230/460	184TC	NEWT	89.5	14 - 13.6 / 6.8	17.1	101	1	M16	\$ 729.87
PE215TC-5-6	5	1200	208-230/460	215TC	NEPE	89.5	15.6 - 14.2 / 7.1	20.4	153	1	M16	\$ 1,218.36
PE213TC-7.5-2	7.5	3600	208-230/460	213TC	NEWT	89.5	18.8 - 17.6 / 8.8	18.9	154	1	M16	\$ 1,082.22
PE213TC-7.5-4	7.5	1800	208-230/460	213TC	NEPE	91.7	19.8 - 18.4 / 9.2	18.9	159	1	M16	\$ 1,001.00
PE254TC-7.5-6	7.5	1200	208-230/460	254TC	NEPE	91.0	21 - 19.6 / 9.8	23.2	242	1	M16	\$ 1,600.46
PE215TC-10-2	10	3600	208-230/460	215TC	NEWT	90.2	23.9 - 22.8 / 11.4	20.4	163	1	M16	\$ 1,201.20
PE215TC-10-4	10	1800	208-230/460	215TC	NEPE	91.7	26 - 24 / 12	20.4	181	1	M16	\$ 1,210.35
PE256TC-10-6	10	1200	208-230/460	256TC	NEPE	91.0	27.2 - 25.6 / 12.8	25.0	269	1	M16	\$ 2,013.44

¹ Ball Bearing on Drive End

² 6 Lead Part Wind Start at 460V

³ Insulated Bearing on Opposite Drive End

⁴ See p. 55 for D-Flange Conversion Kits

Performance Data on p. 65
 Dimensions on pp. 94—95
 Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143TC—449TC Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1, PART 31, TABLE 12-12

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—300 HP
GENERAL PURPOSE
C-FLANGE W/ FEET
CAST IRON

143TC—449TC FRAME
THREE-PHASE
TEFC

GENERAL
PURPOSE

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE215TC-15-2	15	3600	208-230/460	215TC	NEPE	91.0	37 - 35 / 17.5	20.4	183	1	M16	\$ 1,791.50
PE254TC-15-2	15	3600	208-230/460	254TC	NEWT	91.0	36.2 - 34.4 / 17.2	23.2	261	1	M16	\$ 1,791.50
PE254TC-15-4	15	1800	208-230/460	254TC	NEWT	92.4	37.2 - 36.4 / 18.2	23.2	280	1	M16	\$ 1,738.88
PE256TC-20-2	20	3600	208-230/460	256TC	NEWT	91.0	48.5 - 46 / 23	25.0	269	1	M16	\$ 2,190.76
PE256TC-20-4	20	1800	208-230/460	256TC	NEWT	93.0	51.8 - 48.4 / 24.2	25.0	322	1	M16	\$ 1,996.28
PE256TC-25-2	25	3600	208-230/460	256TC	NEWT	91.7	60 - 56 / 28	25.0	306	1	M16	\$ 2,554.24
PE284TC-25-2	25	3600	208-230/460	284TC	NEWT	91.7	61 - 57 / 28.5	26.6	393	1	M16	\$ 2,554.24
PE284TSC-25-2	25	3600	208-230/460	284TSC	NEWT	91.7	61 - 57 / 28.5	25.2	393	1	M16	\$ 2,554.24
PE284TC-25-4	25	1800	208-230/460	284TC	NEWT	93.6	65 - 60 / 30	26.6	396	1	M16	\$ 2,366.00
PE284TSC-25-4	25	1800	208-230/460	284TSC	NEWT	93.6	65 - 60 / 30	25.2	396	1	M16	\$ 2,366.00
PE286TC-30-2	30	3600	208-230/460	286TC	NEWT	91.7	74 - 69 / 34.5	28.1	401	1	M16	\$ 2,743.52
PE286TSC-30-2	30	3600	208-230/460	286TSC	NEWT	91.7	74 - 69 / 34.5	26.7	401	1	M16	\$ 2,743.52
PE286TC-30-4	30	1800	208-230/460	286TC	NEWT	93.6	76 - 70.6 / 35.3	28.1	434	1	M16	\$ 2,678.00
PE286TSC-30-4	30	1800	208-230/460	286TSC	NEWT	93.6	76 - 70.6 / 35.3	26.7	434	1	M16	\$ 2,678.00
PE286TC-40-2	40	3600	208-230/460	286TC	NEWT	92.4	95 - 89 / 44.5	28.1	411	1	M16	\$ 3,512.08
PE286TSC-40-2	40	3600	208-230/460	286TSC	NEWT	92.4	95 - 89 / 44.5	26.7	411	1	M16	\$ 3,512.08
PE324TC-40-2	40	3600	208-230/460	324TC	NEWT	92.4	94.9 - 91 / 45.5	29.8	550	1	M16	\$ 3,512.08
PE324TSC-40-2	40	3600	208-230/460	324TSC	NEWT	92.4	94.9 - 91 / 45.5	28.3	513	1	M16	\$ 3,512.08
PE324TC-40-4	40	1800	208-230/460	324TC	NEWT	94.1	100 - 93.2 / 46.6	29.8	551	1	M16	\$ 3,406.00
PE324TSC-40-4	40	1800	208-230/460	324TSC	NEWT	94.1	100 - 93.2 / 46.6	28.3	551	1	M16	\$ 3,406.00
PE326TC-50-2	50	3600	208-230/460	326TC	NEWT	93.0	124 - 116.2 / 58.1	31.3	586	1	M16	\$ 4,420.00
PE326TSC-50-2	50	3600	208-230/460	326TSC	NEWT	93.0	124 - 116.2 / 58.1	29.8	586	1	M16	\$ 4,420.00
PE326TC-50-4	50	1800	208-230/460	326TC	NEWT	94.5	124 - 116.6 / 58.3	31.3	626	1	M16	\$ 3,874.00
PE326TSC-50-4	50	1800	208-230/460	326TSC	NEWT	94.5	124 - 116.6 / 58.3	29.8	626	1	M16	\$ 3,874.00
PE364TC-60-2	60	3600	208-230/460	364TC	NEWT	93.6	146 - 132 / 66	33.5	805	1	M16	\$ 6,084.00
PE364TSC-60-2	60	3600	208-230/460	364TSC	NEWT	93.6	146 - 132 / 66	31.4	805	1	M16	\$ 6,084.00
PE364TC-60-4	60	1800	208-230/460	364TC	NEPE	95.0	154 - 139 / 69.5	32.5	800	1	M16	\$ 5,122.00
PE364TSC-60-4	60	1800	208-230/460	364TSC	NEPE	95.0	154 - 139 / 69.5	30.4	800	1	M16	\$ 5,122.00
PE365TC-75-2	75	3600	208-230/460	365TC	NEWT	93.6	184 - 166 / 83	33.5	857	1	M16	\$ 7,280.00
PE365TSC-75-2	75	3600	208-230/460	365TSC	NEWT	93.6	184 - 166 / 83	31.4	857	1	M16	\$ 7,280.00
PE365TC-75-4	75	1800	208-230/460	365TC	NEPE	95.4	193 - 174 / 87	33.5	881	1	M16	\$ 5,917.60
PE365TSC-75-4	75	1800	208-230/460	365TSC	NEPE	95.4	193 - 174 / 87	31.4	881	1	M16	\$ 5,917.60
PE405TC-100-2	100	3600	208-230/460	405TC	NEWT	94.1	248 - 224 / 112	38.0	1148	1	M16	\$ 8,777.60
PE405TSC-100-2	100	3600	208-230/460	405TSC	NEWT	94.1	248 - 224 / 112	35.0	1148	1	M16	\$ 8,777.60
PE405TC-100-4	100	1800	208-230/460	405TC	NEPE	95.4	248 - 224 / 112	38.0	1228	1	M16	\$ 7,306.00
PE405TSC-100-4	100	1800	208-230/460	405TSC	NEPE	95.4	248 - 224 / 112	35.0	1228	1	M16	\$ 7,306.00
PE444TC-125-2	125	3600	460	444TC	NEWT	95.0	140.0	40.6	1383	1,2	M16	\$ 9,883.08
PE444TC-125-4	125	1800	460	444TC	NEPE	95.4	145.0	44.3	1523	1,2	M16	\$ 9,812.40
PE444TSC-125-4	125	1800	460	444TSC	NEPE	95.4	145.0	40.6	1523	1,2	M16	\$ 9,812.40
PE444TC-125-4-IN	125	1800	460	444TC	NEPE	95.4	145.0	44.3	1523	1,2,3	M16	\$ 11,512.80
PE445TSC-150-2	150	3600	460	445TSC	NEPE	95.0	166.0	40.6	1511	1,2	M16	\$ 13,192.94
PE445TC-150-4	150	1800	460	445TC	NEPE	95.8	171.0	44.3	1735	1,2	M16	\$ 11,955.02
PE445TSC-150-4	150	1800	460	445TSC	NEPE	95.8	171.0	40.6	1735	1,2	M16	\$ 11,955.02
PE445TC-150-4-IN	150	1800	460	445TC	NEPE	95.8	171.0	44.3	1735	1,2,3	M16	\$ 13,655.42
PE447TSC-200-2	200	3600	460	447TSC	NEPE	95.4	222.0	44.1	1813	1,2	M16	\$ 16,484.37
PE447TC-200-4	200	1800	460	447TC	NEPE	96.2	220.0	47.8	1942	1,2	M16	\$ 14,329.49
PE447TSC-200-4	200	1800	460	447TSC	NEPE	96.2	220.0	44.1	1918	1,2	M16	\$ 14,329.49
PE447TC-200-4-IN	200	1800	460	447TC	NEPE	96.2	220.0	47.8	1942	1,2,3	M16	\$ 16,029.89
PE449TSC-250-2	250	3600	460	449TSC	NEPE	95.8	266.0	49.1	2006	1,2	M16	\$ 18,233.11
PE449TC-250-4	250	1800	460	449TC	NEPE	96.2	275.0	52.8	2116	1,2	M16	\$ 16,944.07
PE449TSC-250-4-IN	250	1800	460	449TC	NEPE	96.2	275.0	52.8	2116	1,2,3	M16	\$ 18,389.41
PE449TSC-300-2	300	3600	460	449TSC	NEPE	95.8	320.0	49.1	2139	1,2	M16	\$ 23,337.60
PE449TC-300-4	300	1800	460	449TC	NEPE	96.2	330.0	52.8	2248	1,2	M16	\$ 21,392.83
PE449TSC-300-4-IN	300	1800	460	449TC	NEPE	96.2	330.0	52.8	2248	1,2,3	M16	\$ 22,838.17

¹ Ball Bearing on Drive End

² 6 Lead Part Wind Start at 460V

³ Insulated Bearing on Opposite Drive End

⁴ See p. 55 for D-Flange Conversion Kits

Performance Data on p. 65
Dimensions on pp. 94—95
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron

Three-Phase, 143TC—449TC Frame
Totally Enclosed Fan Cooled (TEFC)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA MG-1, PART 31, TABLE 12-12
CLASS I, DIV II GROUPS ABCD, T2B
CLASS II, DIV II GROUPS F & G

1 HP—30 HP GENERAL PURPOSE C-FLANGE W/ROUND BODY CAST IRON

143TC—286TC FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ① 1 HP—30 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ③ Sealed Bearings Through 215TC Frame;
Regreasable Open Bearings 254TC Frame and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ⑨ Corrosion Resistant Epoxy Paint
- ⑩ F1 / F2 Reversible
- ⑪ Lifting Provision
- ⑫ Condensation Drains with Plugs
- ⑬ Windings Rated for 2200V Peak Voltage Spikes
- ⑭ IP55 Protection
- ⑮ Three (3) Year Warranty (Extended Warranty Available)



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143TC-1-4-RB-AI	1	1800	208-230/460	143TC	--	85.5	3.4/1.7	14.2	65	1	M16	\$ 348.92
PE145TC-1.5-4-RB-AI	1.5	1800	208-230/460	145TC	--	86.5	5/2.5	14.2	68	1	M16	\$ 446.16
PE145TC-2-4-RB-AI	2	1800	208-230/460	145TC	--	86.5	6.2/3.1	14.2	66	1	M16	\$ 456.46
PE182TC-3-4-RB-AI	3	1800	208-230/460	182TC	--	89.5	9.2/4.6	16.8	101	1	M16	\$ 620.05
PE184TC-5-4-RB-AI	5	1800	208-230/460	184TC	--	89.5	15/7.5	16.8	112	1	M16	\$ 729.87
PE213TC-7.5-4-RB-AI	7.5	1800	208-230/460	213TC	--	91.7	22/11	20.7	189	1	M16	\$ 1,001.00
PE215TC-10-4-RB-AI	10	1800	208-230/460	215TC	--	91.7	29.8/14.9	20.7	196	1	M16	\$ 1,210.35
PE254TC-15-4-RB-AI	15	1800	208-230/460	254TC	--	92.4	45.8/22.9	25.7	328	1	M16	\$ 1,738.88
PE256TC-20-4-RB-AI	20	1800	208-230/460	256TC	--	93.0	59.2/29.6	25.7	350	1	M16	\$ 1,996.28
PE284TC-25-4-RB-AI	25	1800	208-230/460	284TC	--	93.6	71/35.5	28.8	462	1	M16	\$ 2,366.00
PE286TC-30-4-RB-AI	30	1800	208-230/460	286TC	--	93.6	83.6/41.8	28.8	484	1	M16	\$ 2,678.00

¹ Ball Bearing on Drive End

Performance Data on p. 66
Dimensions on p. 92
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron
Three-Phase, 143T—449T Frame
Open Drip Proof (ODP)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA MG-1, PART 31, TABLE 12-12

1 HP—300 HP
GENERAL PURPOSE
OPEN DRIP PROOF (ODP)
ROLLED STEEL 1 HP—20 HP
CAST IRON 15 HP—300 HP

143T—449T FRAME
THREE-PHASE

**GENERAL
PURPOSE**

Standard Features Include:

- ❶ 1 HP—300 HP in Stock
- ❷ 1.25 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
Suitable for 575V @ 1.0 Service Factor
- ❸ Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above;
- ❹ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ NEMA Design B Performance / High Starting Torque
- ❽ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage;
Single Voltage (460V) Ratings are Suitable for Part Wind Start
- ❾ Corrosion Resistant Epoxy Paint
- ❿ F1 / F2 Reversible From 254T—365T and 444T—449T Frame
- ⓫ Lifting Provisions on 182T Frame and Above
- ⓬ Condensation Drains with Plugs
- ⓭ Windings Rated for 2200V Peak Voltage Spikes
- ⓮ IP23 Protection
- ⓯ Three (3) Year Warranty (Extended Warranty Available)
- ⓰ C-Flange Field Conversion Kits Available⁶



1 HP—20 HP



20 HP—300 HP



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in environments with minimal dirt and moisture. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143T-1.4-ODP	1	1800	208-230/460	143T	ODPW	85.5	3.5 - 3.2 / 1.6	11.2	37	1,2,4,7	M3	\$ 328.90
PE143T-1.5-2-ODP	1.5	3600	208-230/460	143T	ODPW	84.0	4.4 - 4 / 2	11.2	35	1,2,4,7	M3	\$ 294.80
PE145T-1.5-4-ODP	1.5	1800	208-230/460	145T	ODPW	86.5	5.1 - 4.6 / 2.3	12.0	42	1,2,4,7	M3	\$ 356.40
PE145T-2-2-ODP	2	3600	208-230/460	145T	ODPW	85.5	5.7 - 5.2 / 2.6	12.0	37	1,2,4,7	M3	\$ 316.80
PE145T-2-4-ODP	2	1800	208-230/460	145T	ODPW	86.5	6.6 - 6 / 3	12.0	43	1,2,4,7	M3	\$ 363.00
PE145T-3-2-ODP	3	3600	208-230/460	145T	ODPW	85.5	8.1 - 7.4 / 3.7	12.0	43	1,2,4,7	M3	\$ 390.50
PE182T-3-4-ODP	3	1800	208-230/460	182T	ODPW	89.5	9 - 8.2 / 4.1	14.1	82	1,2,4,7	M3	\$ 541.20
PE182T-5-2-ODP	5	3600	208-230/460	182T	ODPW	86.5	13.6 - 12.4 / 6.2	14.1	82	1,2,4,7	M3	\$ 587.40
PE184T-5-4-ODP	5	1800	208-230/460	184T	ODPW	89.5	14.7 - 13.4 / 6.7	14.9	98	1,2,4,7	M3	\$ 656.70
PE184T-7.5-2-ODP	7.5	3600	208-230/460	184T	ODPW	88.5	19.4 - 17.6 / 8.8	14.9	98	1,2,4,7	M3	\$ 668.80
PE213T-7.5-4-ODP	7.5	1800	208-230/460	213T	ODPW	91.0	21.1 - 19.2 / 9.6	16.5	138	1,2,4,7	M3	\$ 940.50
PE213T-10-2-ODP	10	3600	208-230/460	213T	ODPW	89.5	28.2 - 25.6 / 12.8	16.5	135	1,2,3,4,7	M3	\$ 1,010.90
PE215T-10-4-ODP	10	1800	208-230/460	215T	ODPW	91.7	28.6 - 26 / 13	17.5	154	1,2,3,4,7	M3	\$ 1,010.90
PE215T-15-2-ODP	15	3600	208-230/460	215T	ODPW	90.2	41.8 - 38 / 19	17.5	156	1,2,3,4,7	M3	\$ 1,479.50
PE254T-15-4-ODP	15	1800	208-230/460	254T	ODPW	93.0	40 - 36 / 18	22.2	275	1,2,3,4,7	M3	\$ 1,485.00
PR254T15M4A-ODP	15	1800	208-230/460	254T	SODP	93.0	42-38.4/19.2	20.7	230	1,4,7	M3	\$ 1,683.00
PE254T-20-2-ODP	20	3600	208-230/460	254T	ODPW	91.0	51 - 46 / 23	22.2	264	1,2,3,4,7	M3	\$ 1,721.50
PE256T-20-4-ODP	20	1800	208-230/460	256T	ODPW	93.0	53 - 48 / 24	22.2	304	1,2,3,4,7	M3	\$ 1,732.50
PR256T20M4A-ODP	20	1800	208-230/460	256T	SODP	93.0	57-52/26	20.7	230	1,4	M3	\$ 1,960.20

¹ NEMA Premium (NEMA MG-1 Table 12-12)

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

³ 12 Lead Part Wind Start at 460V

⁴ Ball Bearing on Drive End

⁵ Roller Bearing on Drive End

⁶ See pp. 56—57 for C-Flange Conversion Kits

⁷ Feet are dual drilled for mounting flexibility

Performance Data on p. 67
Dimensions on p. 93
Warranty on p. 116

General Purpose—Heavy Duty Cast Iron
Three-Phase, 254T—449T Frame
Open Drip Proof (ODP)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA MG-1, PART 31, TABLE 12-12

1 HP—300 HP
GENERAL PURPOSE
OPEN DRIP PROOF (ODP)
ROLLED STEEL 1 HP—20 HP
CAST IRON 15 HP—300 HP

143T—449T FRAME
THREE-PHASE

GENERAL
PURPOSE

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE256T-25-2-ODP	25	3600	208-230/460	256T	--	91.7	63 - 57 / 28.5	22.2	282	1,2,3,4,6	M3	\$ 1,771.75
PE284T-25-4-ODP	25	1800	208-230/460	284T	--	93.6	66 - 60 / 30	24.8	378	1,2,3,4,6	M3	\$ 1,899.05
PE284TS-30-2-ODP	30	3600	208-230/460	284TS	--	91.7	77 - 70 / 35	23.4	374	1,2,3,4,6	M3	\$ 2,113.75
PE286T-30-4-ODP	30	1800	208-230/460	286T	--	94.1	77 - 70 / 35	24.8	403	1,2,3,4,6	M3	\$ 2,180.25
PE286TS-40-2-ODP	40	3600	208-230/460	286TS	--	92.4	99 - 90 / 45	23.4	414	1,2,3,4,6	M3	\$ 2,575.96
PE324T-40-4-ODP	40	1800	208-230/460	324T	--	94.1	106 - 96 / 48	27.1	521	1,2,3,4,6	M3	\$ 2,849.05
PE324TS-40-4-ODP	40	1800	208-230/460	324TS	--	94.1	106 - 96 / 48	25.6	521	1,2,3,4,6	M3	\$ 2,849.05
PE324TS-50-2-ODP	50	3600	208-230/460	324TS	--	93.0	122 - 110 / 55	25.6	508	1,2,3,4,6	M3	\$ 3,158.75
PE326T-50-4-ODP	50	1800	208-230/460	326T	--	94.5	130 - 118 / 59	27.1	569	1,2,3,4,6	M3	\$ 3,277.50
PE326TS-50-4-ODP	50	1800	208-230/460	326TS	--	94.5	130 - 118 / 59	25.6	569	1,2,3,4,6	M3	\$ 3,291.75
PE326TS-60-2-ODP	60	3600	208-230/460	326TS	--	93.6	146 - 132 / 66	25.6	554	1,2,3,4,6	M3	\$ 3,759.95
PE364T-60-4-ODP	60	1800	208-230/460	364T	--	95.0	155 - 140 / 70	29.3	726	1,2,3,4,6	M3	\$ 4,389.00
PE364TS-60-4-ODP	60	1800	208-230/460	364TS	--	95.0	155 - 140 / 70	27.2	726	1,2,3,4,6	M3	\$ 4,389.00
PE364TS-75-2-ODP	75	3600	208-230/460	364TS	--	93.6	184 - 166 / 83	27.2	734	1,2,3,4,6	M3	\$ 4,589.95
PE365T-75-4-ODP	75	1800	208-230/460	365T	--	95.0	191 - 174 / 87	29.3	754	1,2,3,4,6	M3	\$ 4,939.05
PE365TS-75-4-ODP	75	1800	208-230/460	365TS	--	95.0	191 - 174 / 87	27.2	754	1,2,3,4,6	M3	\$ 4,939.05
PE365TS-100-2-ODP	100	3600	208-230/460	365TS	--	93.6	245 - 222 / 111	27.2	737	1,2,3,4,6	M3	\$ 5,000.36
PE404T-100-4-ODP	100	1800	208-230/460	404T	--	95.4	246 - 224 / 112	33.3	1115	1,2,3,4,6	M3	\$ 6,222.50
PE404TS-100-4-ODP	100	1800	208-230/460	404TS	--	95.4	246 - 224 / 112	30.3	1115	1,2,3,4,6	M3	\$ 6,222.50
PE404T-100-4-BB-ODP	100	1800	208-230/460	404T	--	95.4	246 - 224 / 112	33.3	1115	1,2,3,4,6	M3	\$ 6,222.50
PE404TS-125-2-ODP	125	3600	460	404TS	--	94.1	138.0	30.3	1003	1,2,4,6	M3	\$ 6,395.23
PE405T-125-4-ODP	125	1800	460	405T	--	95.4	141.0	33.3	1179	1,2,5,6	M3	\$ 7,650.35
PE405T-125-4-BB-ODP	125	1800	460	405T	--	95.4	141.0	33.3	1179	1,2,4,6	M3	\$ 7,650.35
PE405TS-125-4-ODP	125	1800	460	405TS	--	95.4	141.0	30.3	1177	1,2,4,6	M3	\$ 7,650.35
PE405TS-150-2-ODP	150	3600	460	405TS	--	94.1	166.0	30.3	1076	1,2,4,6	M3	\$ 8,150.21
PE444T-150-4-ODP	150	1800	460	444T	--	95.8	167.0	39.5	1702	1,2,5,6	M3	\$ 10,750.90
PE444T-150-4-BB-ODP	150	1800	460	444T	--	95.8	167.0	39.5	1702	1,2,4,6	M3	\$ 10,750.90
PE444TS-150-4-ODP	150	1800	460	444TS	--	95.8	167.0	34.8	1702	1,2,4,6	M3	\$ 10,750.90
PE444TS-200-2-ODP	200	3600	460	444TS	--	95.0	219.0	34.8	1519	1,2,4,6	M3	\$ 11,125.93
PE445T-200-4-ODP	200	1800	460	445T	--	95.8	220.0	39.5	1790	1,2,5,6	M3	\$ 12,050.36
PE445T-200-4-BB-ODP	200	1800	460	445T	--	95.8	220.0	39.5	1790	1,2,4,6	M3	\$ 12,050.36
PE445TS-200-4-ODP	200	1800	460	445TS	--	95.8	220.0	34.8	1790	1,2,4,6	M3	\$ 12,050.36
PE445TS-250-2-ODP	250	3600	460	445TS	--	95.0	270.0	34.8	1603	1,2,4,6	M3	\$ 12,565.13
PE447T-250-4-ODP	250	1800	460	447T	--	95.8	280.0	43.0	1930	1,2,5,6	M3	\$ 13,560.23
PE447TS-300-2-ODP	300	3600	460	447TS	--	95.4	322.0	38.3	1759	1,2,4,6	M3	\$ 15,463.63
PE449T-300-4-ODP	300	1800	460	449T	--	95.8	335.0	48.0	2218	1,2,5,6	M3	\$ 17,594.46

¹ NEMA Premium (NEMA MG-1 Table 12-12)

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

³ 12 Lead Part Wind Start at 460V

⁴ Ball Bearing on Drive End

⁵ Roller Bearing on Drive End

⁶ See pp. 56—57 for C-Flange Conversion Kits

Performance Data on p. 67
Dimensions on p. 93
Warranty on p. 116

Crusher Duty—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (250 HP—600 HP)

NEMA DESIGN C—HIGH TORQUE

NEMA MG-1, Part 31, Table 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP
**CRUSHER DUTY
DESIGN C
CAST IRON**

143T—586/7UZ FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

Standard Features Include:

- ① 1 HP—600 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz;
Suitable for 575V @ 1.0 Service Factor
- ③ Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above;
Insulated Bearing on ODE Available on 444T and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design C Performance
- ⑧ Feet are Dual Drilled for Mounting Flexibility
- ⑨ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage;
Single Voltage (460V) Ratings are Suitable for Part Wind Start
- ⑩ Corrosion Resistant Epoxy Paint
- ⑪ F1 / F2 Reversible
- ⑫ Lifting Provision
- ⑬ Condensation Drains with Plugs
- ⑭ Windings Rated for 2200V Peak Voltage Spikes
- ⑮ IP55 Protection
- ⑯ Three (3) Year Warranty (Extended Warranty Available)
- ⑰ C-Flange & D-Flange Field Conversion Kits Available⁸



1 HP—300 HP



250 HP—600 HP



APPLICATIONS:

Special purpose use on crushing and pulverizing equipment and other industrial equipment requiring extremely high starting torques and breakdown torques. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143T-1-4C	1	1800	208-230/460	143T	NEWT	82.5	3.6 - 3.3 / 1.65	12.6	40	1,3,5	M12	\$ 360.00
PE145T-1-6C	1	1200	208-230/460	145T	NEWT	80.0	4.2 - 3.8 / 1.9	14.6	48	1,3,5	M12	\$ 495.00
PE182T-1-8C	1	900	208-230/460	182T	NEWT	75.5	4.2 - 3.8 / 1.9	15.1	67	2,3,5	M12	\$ 561.00
PE145T-1.5-4C	1.5	1800	208-230/460	145T	NEWT	84.0	5.3 - 4.8 / 2.4	14.6	48	1,3,5	M12	\$ 454.30
PE182T-1.5-6C	1.5	1200	208-230/460	182T	NEWT	85.5	5.5 - 5 / 2.5	16.1	85	1,3,5	M12	\$ 610.00
PE184T-1.5-8C	1.5	900	208-230/460	184T	NEWT	78.5	5.8 - 5.3 / 2.65	16.1	78	2,3,5	M12	\$ 698.50
PE145T-2-4C	2	1800	208-230/460	145T	NEWT	84.0	6.2 - 5.6 / 2.8	14.6	51	1,3,5	M12	\$ 465.30
PE184T-2-6C	2	1200	208-230/460	184T	NEWT	86.5	7.1 - 6.4 / 3.2	17.1	93	1,3,5	M12	\$ 715.00
PE213T-2-8C	2	900	208-230/460	213T	NEWT	84.0	7.5 - 6.8 / 3.4	18.9	132	2,3,5	M12	\$ 990.00
PE182T-3-4C	3	1800	208-230/460	182T	NEWT	87.5	10.2 - 9.2 / 4.6	16.1	89	1,3,5	M12	\$ 632.50
PE213T-3-6C	3	1200	208-230/460	213T	NEPE	87.5	9.7 - 8.8 / 4.4	18.9	136	1,3,5	M12	\$ 965.80
PE215T-3-8C	3	900	208-230/460	215T	NEWT	85.5	10.8 - 9.8 / 4.9	20.4	163	2,3,5	M12	\$ 1,383.80
PE184T-5-4C	5	1800	208-230/460	184T	NEWT	87.5	15.9 - 14.4 / 7.2	17.1	101	1,3,5	M12	\$ 743.60
PE215T-5-6C	5	1200	208-230/460	215T	NEPE	87.5	16.1 - 14.6 / 7.3	20.4	162	1,3,5	M12	\$ 1,241.90
PE254T-5-8C	5	900	208-230/460	254T	NEWT	86.5	17.5 - 15.8 / 7.9	23.2	218	2,3,5	M12	\$ 1,658.80

¹ NEMA Premium (MG-1, Part 31, Table 12-12)

² EISA Compliant (MG-1, Part 31, Table 12-11)

³ Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

⁴ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁵ Part Wind Start Capable as 230V

⁶ Part Wind Start Capable as 480V

⁷ Equipped with Terminal Blocks as Standard

⁸ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on p. 68
Dimensions on pp. 94—95
Warranty on p. 116

Crusher Duty—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (250 HP—600 HP)

NEMA DESIGN C—HIGH TORQUE

NEMA MG-1, Part 31, Table 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP
**CRUSHER DUTY
DESIGN C
CAST IRON**

143T—586/7UZ FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE213T-7.5-4C	7.5	1800	208-230/460	213T	NEPE	89.5	23.2 - 21 / 10.5	18.9	136	1,3,5	M12	\$ 1,115.00
PE254T-7.5-6C	7.5	1200	208-230/460	254T	NEPE	89.5	23.2 - 21 / 10.5	23.2	249	1,3,5	M12	\$ 1,631.30
PE256T-7.5-8C	7.5	900	208-230/460	256T	NEWT	86.5	24.3 - 22 / 11	25.0	251	2,3,5	M12	\$ 1,826.00
PE215T-10-4C	10	1770	208-230/460	215T	NEPE	89.5	31 - 28 / 14	20.4	160	1,3,5	M12	\$ 1,233.10
PE256T-10-6C	10	1200	208-230/460	256T	NEPE	89.5	31 - 28 / 14	25.0	274	1,3,5	M12	\$ 2,052.60
PE284T-10-8C	10	900	208-230/460	284T	NEWT	89.5	32.2 - 29.2 / 14.6	26.6	306	2,3,5	M12	\$ 2,641.10
PE254T-15-4C	15	1800	208-230/460	254T	NEPE	91.0	42 - 38 / 19	23.2	270	1,3,5	M12	\$ 1,899.00
PE284T-15-6C	15	1200	208-230/460	284T	NEWT	90.2	43.1 - 39 / 19.5	26.6	350	1,3,5	M12	\$ 2,699.40
PE286T-15-8C	15	900	208-230/460	286T	NEWT	89.5	47 - 43 / 21.5	28.1	352	2,3,5	M12	\$ 3,417.70
PE256T-20-4C	20	1800	208-230/460	256T	NEPE	91.0	53.5 - 48.4 / 24.2	25.0	306	1,3,5	M12	\$ 2,125.00
PE286T-20-6C	20	1200	208-230/460	286T	NEWT	90.2	56 - 50.6 / 25.3	28.1	372	1,3,5	M12	\$ 3,212.00
PE324T-20-8C	20	900	208-230/460	324T	NEWT	90.2	61 - 56 / 28	29.8	491	2,3,5	M12	\$ 4,006.20
PE284T-25-4C	25	1800	208-230/460	284T	NEWT	92.4	66.3 - 60 / 30	26.6	372	1,3,5	M12	\$ 2,387.88
PE324T-25-6C	25	1200	208-230/460	324T	NEWT	91.7	68.6 - 62 / 31	29.8	508	1,3,5	M12	\$ 3,284.82
PE326T-25-8C	25	900	208-230/460	326T	NEWT	90.2	77 - 70 / 35	31.3	508	2,3,5	M12	\$ 4,050.09
PE286T-30-4C	30	1800	208-230/460	286T	NEWT	92.4	78.1 - 70.6 / 35.3	28.1	387	1,3,5	M12	\$ 2,702.70
PE326T-30-6C	30	1200	208-230/460	326T	NEWT	91.7	82.9 - 75 / 37.5	31.3	519	1,3,5	M12	\$ 3,857.04
PE364T-30-8C	30	900	208-230/460	364T	NEWT	91.7	88 - 80 / 40	32.5	671	2,3,5	M12	\$ 4,863.87
PE324T-40-4C	40	1800	208-230/460	324T	NEWT	93.0	103.1 - 93.2 / 46.6	29.8	521	1,3,5	M12	\$ 3,437.28
PE364T-40-6C	40	1200	208-230/460	364T	NEPE	93.0	107.3 - 97 / 48.5	32.5	697	1,3,5	M12	\$ 4,795.56
PE365T-40-8C	40	900	208-230/460	365T	NEWT	91.7	115 - 105 / 52.5	33.5	719	2,3,5	M12	\$ 5,948.91
PE326T-50-4C	50	1800	208-230/460	326T	NEWT	93.0	128.9 - 116.6 / 58.3	31.3	565	1,3,5	M12	\$ 3,909.51
PE365T-50-6C	50	1200	208-230/460	365T	NEPE	93.0	132.7 - 120 / 60	33.5	752	1,3,5	M12	\$ 6,291.45
PE404T-50-8C	50	900	208-230/460	404T	NEWT	92.4	139 - 126 / 63	36.5	902	2,3,5	M12	\$ 7,128.99
PE364T-60-4C	60	1800	208-230/460	364T	NEPE	93.6	154.8 - 140 / 70	32.5	730	1,3,5	M12	\$ 5,168.79
PE404T-60-6C	60	1200	208-230/460	404T	NEPE	93.6	154.8 - 140 / 70	38.0	950	1,3,5	M12	\$ 6,926.04
PE405T-60-8C	60	900	208-230/460	405T	NEWT	92.4	160 - 152 / 76	38.0	990	2,3,5	M12	\$ 8,101.17
PE365T-75-4C	75	1800	208-230/460	365T	NEPE	94.1	190.2 - 172 / 86	33.5	774	1,3,5	M12	\$ 5,970.69
PE405T-75-6C	75	1200	208-230/460	405T	NEPE	93.6	192.4 - 174 / 87	38.0	1078	1,3,5	M12	\$ 7,267.59
PE444T-75-8C	75	900	208-230/460	444T	NEWT	93.6	210 - 190 / 95	44.3	1353	2,3,5	M12	\$ 11,833.47
PE405T-100-4C	100	1800	208-230/460	405T	NEPE	94.5	251 - 227 / 113.5	38.0	1063	1,3,5	M12	\$ 7,372.53
PE444T-100-6C	100	1200	208-230/460	444T	NEPE	94.1	261 - 236 / 118	44.3	1315	1,3,5	M12	\$ 10,546.47
PE445T-100-8C	100	900	208-230/460	445T	NEWT	93.6	276 - 250 / 125	44.3	1452	2,3,5	M12	\$ 12,748.23
PE444T-125-4C	125	1800	460	444T	NEPE	94.5	140.0	44.3	1364	1,3,6	M12	\$ 9,900.00
PE445T-125-6C	125	1200	460	445T	NEPE	94.1	143.0	44.3	1443	1,3,6	M12	\$ 12,225.51
PE447T-125-8C	125	900	460	447T	NEWT	94.1	158.0	47.8	1680	2,3,6	M12	\$ 16,379.55
PE445T-150-4C	150	1800	460	445T	NEPE	95.0	166.0	44.3	1694	1,3,6	M12	\$ 12,385.00
PE447T-150-6C	150	1200	460	447T	NEPE	95.0	168.0	47.8	1678	1,3,6	M12	\$ 15,704.37
PE449T-150-8C	150	900	460	449T	NEPE	94.1	180.0	52.8	1975	2,3,6	M12	\$ 18,646.65
PE447T-200-4C	200	1800	460	447T	NEPE	95.0	221.0	47.8	1782	1,3,6	M12	\$ 14,458.95
PE449T-200-6C	200	1200	460	449T	NEPE	95.0	224.0	52.8	2024	1,3,6	M12	\$ 18,521.91

¹ NEMA Premium (MG-1, Part 31, Table 12-12)

⁵ Part Wind Start Capable as 230V

² EISA Compliant (MG-1, Part 31, Table 12-11)

⁶ Part Wind Start Capable as 480V

³ Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

⁷ Equipped with Terminal Blocks as Standard

⁴ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁸ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on p. 68
Dimensions on pp. 94–95
Warranty on p. 116

Crusher Duty—Heavy Duty Cast Iron

Three-Phase, 143T—586/7UZ Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

Inverter Rated (10:1 VT; 5:1 CT) (250 HP—600 HP)

NEMA DESIGN C—HIGH TORQUE

NEMA MG-1, Part 31, Table 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—600 HP
**CRUSHER DUTY
DESIGN C
CAST IRON**

143T—586/7UZ FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE449T-250-4C	250	1800	460	449T	NEPE	95.0	283.0	52.8	2120	1,3,6	M12	\$ 16,867.40
PE505UZ-250-4C	250	1800	460	505UZ	NEPE	96.2	275.0	62.4	2300	2,3,6	M12	\$ 21,102.40
PE449T-250-6C	250	1200	460	449T	NEPE	95.0	280.0	52.8	2323	1,3,6	M12	\$ 22,215.60
PE505UZ-250-6C	250	1200	460	505UZ	NEPE	95.8	280.0	62.4	2800	2,3,6	M12	\$ 21,876.80
PE449T-300-4C	300	1800	460	449T	NEPE	95.4	335.0	52.8	2220	1,3,6	M12	\$ 21,296.00
PE505UZ-300-4C	300	1800	460	505UZ	NEPE	96.2	330.0	62.4	2600	2,3,6	M12	\$ 22,022.00
PE587UZ-300-4C	300	1800	460	587UZ	NC58	95.4	322.3	71.7	4615.6	1,4,6,7	M4	\$ 29,620.80
PE449T-300-6C	300	1200	460	449T	NEPE	95.0	357.0	52.8	2532	1,3,6	M12	\$ 26,378.00
PE505UZ-300-6C	300	1200	460	505UZ	NEPE	95.8	338.0	62.4	3160	2,3,6	M12	\$ 27,297.60
PE587UZ-300-6C	300	1200	460	587UZ	NC58	95.0	332.0	71.7	5330.6	1,4,6,7	M4	\$ 31,460.00
PE505UZ-350-4C	350	1800	460	505UZ	NEPE	96.2	390.0	62.4	2900	2,3,6	M12	\$ 25,748.00
PE587UZ-350-4C	350	1800	460	587UZ	NC58	96.2	378.5	71.7	4846.6	1,4,7,8	M4	\$ 30,492.00
PE505UZ-350-6C	350	1200	460	505UZ	NEPE	95.8	393.0	62.4	3440	2,3,6	M12	\$ 30,492.00
PE587UZ-350-6C	350	1200	460	587UZ	NC58	95.8	390.4	71.7	5176	1,4,7,8	M4	\$ 34,654.40
PE587UZ-400-4C	400	1800	460	587UZ	NC58	96.2	434.9	71.7	4983	1,4,7,8	M4	\$ 33,396.00
PE587UZ-400-6C	400	1200	460	587UZ	NC58	95.8	448.6	71.7	5940	1,4,7,8	M4	\$ 38,381.20
PE587UZ-450-4C	450	1800	460	587UZ	NC58	96.2	487.2	71.7	5370.2	1,4,7,8	M4	\$ 37,994.00
PE587UZ-450-6C	450	1200	460	587UZ	NC58	96.2	504.7	71.7	6041.2	1,4,7,8	M4	\$ 44,963.60
PE587UZ-500-4C	500	1800	460	587UZ	NC58	96.2	558.1	71.7	5687	1,4,7,8	M4	\$ 41,620.13
PE587UZ-500-6C	500	1200	460	587UZ	NC58	95.8	563.1	71.7	6190.8	1,4,7,8	M4	\$ 49,319.60
PE587UZ-600-4C	600	1800	460	587UZ	NC58	96.2	669.6	71.7	5946.6	1,4,7,8	M4	\$ 54,990.10

¹ NEMA Premium (MG-1, Part 31, Table 12-12)

⁵ Part Wind Start Capable as 230V

² EISA Compliant (MG-1, Part 31, Table 12-11)

⁶ Part Wind Start Capable as 480V

³ Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

⁷ Equipped with Terminal Blocks as Standard

⁴ Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)

⁸ See p. 55 for C- and D-Flange Conversion Kits

Performance Data on p. 68
Dimensions on pp. 94—95
Warranty on p. 116

Crusher Duty—Heavy Duty Cast Iron

Three-Phase, 143TC—449TC Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

NEMA DESIGN C—HIGH TORQUE

NEMA MG-1, Part 31, Table 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—300 HP
**CRUSHER DUTY
DESIGN C
C-FLANGE W/ FEET
CAST IRON**

143TC—449TC FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ❶ 1 HP—300 HP in Stock
- ❷ 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz;
Suitable for 575V @ 1.0 Service Factor
- ❸ Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above;
Insulated Bearing on ODE Available on 444T and Above
- ❹ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ NEMA Design C Performance
- ❽ Feet are Dual Drilled for Mounting Flexibility
- ❾ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage;
Single Voltage (460V) Ratings are Suitable for Part Wind Start
- ❿ Corrosion Resistant Epoxy Paint
- ⓫ F1 / F2 Reversible
- ⓬ Lifting Provision
- ⓭ Condensation Drains with Plugs
- ⓮ Windings Rated for 2200V Peak Voltage Spikes
- ⓯ IP55 Protection
- ⓰ Three (3) Year Warranty (Extended Warranty Available)
- ⓱ D-Flange Field Conversion Kits Available⁸



APPLICATIONS:

Special purpose use on crushing and pulverizing equipment and other industrial equipment requiring extremely high starting torques and breakdown torques. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143TC-1-4C	1	1800	208-230/460	143TC	NEWT	82.5	3.6 - 3.3 / 1.65	12.6	40	1,2,3	M12	\$ 374.40
PE145TC-1-6C	1	1200	208-230/460	145TC	NEWT	80.0	4.2 - 3.8 / 1.9	14.6	48	1,2,3	M12	\$ 514.80
PE145TC-1.5-4C	1.5	1800	208-230/460	145TC	NEWT	84.0	5.3 - 4.8 / 2.4	14.6	48	1,2,3	M12	\$ 472.47
PE182TC-1.5-6C	1.5	1200	208-230/460	182TC	NEWT	85.5	5.5 - 5 / 2.5	16.1	85	1,2,3	M12	\$ 634.40
PE145TC-2-4C	2	1800	208-230/460	145TC	NEWT	84.0	6.2 - 5.6 / 2.8	14.6	51	1,2,3	M12	\$ 483.91
PE184TC-2-6C	2	1200	208-230/460	184TC	NEWT	86.5	7.1 - 6.4 / 3.2	17.1	93	1,2,3	M12	\$ 743.60
PE182TC-3-4C	3	1800	208-230/460	182TC	NEWT	87.5	10.2 - 9.2 / 4.6	16.1	89	1,2,3	M12	\$ 657.80
PE213TC-3-6C	3	1200	208-230/460	213TC	NEPE	87.5	9.7 - 8.8 / 4.4	18.9	136	1,2,3	M12	\$ 1,004.43
PE184TC-5-4C	5	1800	208-230/460	184TC	NEWT	87.5	15.9 - 14.4 / 7.2	17.1	101	1,2,3	M12	\$ 773.34
PE215TC-5-6C	5	1200	208-230/460	215TC	NEPE	87.5	16.1 - 14.6 / 7.3	20.4	162	1,2,3	M12	\$ 1,291.58
PE213TC-7.5-4C	7.5	1800	208-230/460	213TC	NEPE	89.5	23.2 - 21 / 10.5	18.9	136	1,2,3	M12	\$ 1,159.60
PE254TC-7.5-6C	7.5	1200	208-230/460	254TC	NEPE	89.5	23.2 - 21 / 10.5	23.2	249	1,2,3	M12	\$ 1,696.55
PE215TC-10-4C	10	1770	208-230/460	215TC	NEWT	89.5	31 - 28 / 14	20.4	160	1,2,3	M12	\$ 1,282.42
PE256TC-10-6C	10	1200	208-230/460	256TC	NEPE	89.5	31 - 28 / 14	25.0	274	1,2,3	M12	\$ 2,134.70

¹ NEMA Premium (MG-1, Part 31, Table 12-12)

⁴ Part Wind Start Capable as 480V

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

⁵ See p. 55 for D-Flange Conversion Kits

³ Part Wind Start Capable as 230V

Performance Data on p. 69
Dimensions on pp. 96—97
Warranty on p. 116

Crusher Duty—Heavy Duty Cast Iron

Three-Phase, 143TC—449TC Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)

NEMA DESIGN C—HIGH TORQUE

NEMA MG-1, Part 31, Table 12-12 (unless otherwise noted)

CLASS I, DIV II GROUPS ABCD, T2B

CLASS II, DIV II GROUPS F & G

1 HP—300 HP
CRUSHER DUTY
DESIGN C
C-FLANGE W/ FEET
CAST IRON

143TC—449TC FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE254TC-15-4C	15	1800	208-230/460	254TC	NEPE	91.0	42 - 38 / 19	23.2	270	1,2,3	M12	\$ 1,974.96
PE284TC-15-6C	15	1200	208-230/460	284TC	NEWT	90.2	43.1 - 39 / 19.5	26.6	350	1,2,3	M12	\$ 2,807.38
PE256TC-20-4C	20	1800	208-230/460	256TC	NEPE	91.0	53.5 - 48.4 / 24.2	25.0	306	1,2,3	M12	\$ 2,210.00
PE286TC-20-6C	20	1200	208-230/460	286TC	NEWT	90.2	56 - 50.6 / 25.3	28.1	372	1,2,3	M12	\$ 3,340.48
PE284TC-25-4C	25	1800	208-230/460	284TC	NEWT	92.4	66.3 - 60 / 30	26.6	372	1,2,3	M12	\$ 2,483.40
PE324TC-25-6C	25	1200	208-230/460	324TC	NEWT	91.7	68.6 - 62 / 31	29.8	508	1,2,3	M12	\$ 3,416.21
PE286TC-30-4C	30	1800	208-230/460	286TC	NEWT	92.4	78.1 - 70.6 / 35.3	28.1	387	1,2,3	M12	\$ 2,810.81
PE326TC-30-6C	30	1200	208-230/460	326TC	NEWT	91.7	82.9 - 75 / 37.5	31.3	519	1,2,3	M12	\$ 4,011.32
PE324TC-40-4C	40	1800	208-230/460	324TC	NEWT	93.0	103.1 - 93.2 / 46.6	29.8	521	1,2,3	M12	\$ 3,574.77
PE364TC-40-6C	40	1200	208-230/460	364TC	NEPE	93.0	107.3 - 97 / 48.5	32.5	697	1,2,3	M12	\$ 4,987.38
PE326TC-50-4C	50	1800	208-230/460	326TC	NEWT	93.0	128.9 - 116.6 / 58.3	31.3	565	1,2,3	M12	\$ 4,065.89
PE365TC-50-6C	50	1200	208-230/460	365TC	NEPE	93.0	132.7 - 120 / 60	33.5	752	1,2,3	M12	\$ 6,543.11
PE364TC-60-4C	60	1800	208-230/460	364TC	NEPE	93.6	154.8 - 140 / 70	32.5	730	1,2,3	M12	\$ 5,375.54
PE404TC-60-6C	60	1200	208-230/460	404TC	NEPE	93.6	154.8 - 140 / 70	38.0	950	1,2,3	M12	\$ 7,203.06
PE365TC-75-4C	75	1800	208-230/460	365TC	NEPE	94.1	190.2 - 172 / 86	33.5	774	1,2,3	M12	\$ 6,209.52
PE405TC-75-6C	75	1200	208-230/460	405TC	NEPE	93.6	192.4 - 174 / 87	38.0	1078	1,2,3	M12	\$ 7,558.29
PE405TC-100-4C	100	1800	208-230/460	405TC	NEPE	94.5	251 - 227 / 113.5	38.0	1063	1,2,3	M12	\$ 7,667.43
PE444TC-100-6C	100	1200	208-230/460	444TC	NEPE	94.1	261 - 236 / 118	44.3	1315	1,2,3	M12	\$ 10,968.33
PE444TC-125-4C	125	1800	460	444TC	NEPE	94.5	140.0	44.3	1364	1,2,4	M12	\$ 10,296.00
PE445TC-125-6C	125	1200	460	445TC	NEPE	94.1	143.0	44.3	1443	1,2,4	M12	\$ 12,714.53
PE445TC-150-4C	150	1800	460	445TC	NEPE	95.0	166.0	44.3	1694	1,2,4	M12	\$ 11,840.40
PE447TC-150-6C	150	1200	460	447TC	NEPE	95.0	168.0	47.8	1678	1,2,4	M12	\$ 16,332.54
PE447TC-200-4C	200	1800	460	447TC	NEPE	95.0	221.0	47.8	1782	1,2,4	M12	\$ 15,037.31
PE449TC-200-6C	200	1200	460	449TC	NEPE	95.0	224.0	52.8	2024	1,2,4	M12	\$ 19,262.79
PE449TC-250-4C	250	1800	460	449TC	NEPE	95.0	283.0	52.8	2120	1,2,4	M12	\$ 17,542.10
PE449TC-250-6C	250	1200	460	449TC	NEPE	95.0	280.0	52.8	2323	1,2,4	M12	\$ 23,104.22
PE449TC-300-4C	300	1800	460	449TC	NEPE	95.4	335.0	52.8	2220	1,2,4	M12	\$ 22,147.84
PE449TC-300-6C	300	1200	460	449TC	NEPE	95.0	357.0	52.8	2532	1,2,4	M12	\$ 27,433.12

¹ NEMA Premium (MG-1, Part 31, Table 12-12)

⁴ Part Wind Start Capable as 480V

² Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)

⁵ See p. 55 for D-Flange Conversion Kits

³ Part Wind Start Capable as 230V

Performance Data on p. 69
Dimensions on pp. 96—97
Warranty on p. 116

Washdown Duty—Stainless Steel

Three Phase, 56C—256TC Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1 TABLE 12-12

1/3 HP—20 HP

WASHDOWN DUTY

C-FLANGE W/ FEET

STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ① 1/3 HP—20 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ③ Double Sealed Bearings in Both Ends
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ Double Sealed Bearings in Both Ends
- ⑥ 40° C Ambient Continuous Duty
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Feet are Dual Drilled for Mounting Flexibility
- ⑨ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ⑩ Condensation Drains with Plugs
- ⑪ Windings Rated for 2200V Peak Voltage Spikes
- ⑫ IP66 Protection
- ⑬ Two (2) Year Warranty



APPLICATIONS:

Specifically designed for food processing, pharmaceutical and other environments requiring extreme cleanliness and frequent washdowns. Applications also include chemical processing, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
SS56C1/3M-2	1/3	3600	208-230/460	56C	--	74.0	1.2 - 1.1 / 0.55	11.6	26	1	M18	\$ 537.15
SS56C1/3M-4	1/3	1800	208-230/460	56C	--	82.5	1.4 - 1.2 / 0.6	11.6	28	1	M18	\$ 547.01
SS56C1/2M-2	1/2	3600	208-230/460	56C	--	77.0	1.6 - 1.5 / 0.75	11.6	29	1	M18	\$ 556.86
SS56C1/2M-4	1/2	1800	208-230/460	56C	--	82.5	1.8 - 1.6 / 0.8	11.6	29	1	M18	\$ 566.72
SS56C1/2M-6	1/2	1200	208-230/460	56C	--	80.0	1.9 - 1.8 / 0.9	11.6	31	1	M18	\$ 645.98
SS56C3/4M-2	3/4	3600	208-230/460	56C	--	80.0	2.3 - 2.2 / 1.1	12.6	33	1	M18	\$ 570.66
SS56C3/4M-4	3/4	1800	208-230/460	56C	--	82.5	2.3 - 2.2 / 1.1	12.6	33	1	M18	\$ 606.14
SS56C3/4M-6	3/4	1200	208-230/460	56C	--	80.0	3.0 - 2.8 / 1.4	12.6	34	1	M18	\$ 690.54
PESS56C1M-2	1	3600	208-230/460	56C	--	77.0	2.9 - 2.8 / 1.4	12.6	35	--	M18	\$ 824.90
PESS56C1M-4	1	1800	208-230/460	56C	--	85.5	3.1 - 3 / 1.5	12.6	36	--	M18	\$ 777.28
PESS143TC1M-4	1	1800	208-230/460	143TC	--	85.5	3.1 - 3 / 1.5	13.8	37	--	M18	\$ 840.00
PESS145TC1M-6	1	1200	208-230/460	145TC	--	82.5	4 - 3.8 / 1.9	16.6	43	--	M18	\$ 902.72
PESS56C1.5M-2	1.5	3600	208-230/460	56C	--	84.0	4.2 - 4 / 2	12.6	39	--	M18	\$ 857.92
PESS143TC1.5M-2	1.5	3600	208-230/460	143TC	--	84.0	4.2 - 4 / 2	13.8	40	--	M18	\$ 819.84
PESS56C1.5M-4	1.5	1800	208-230/460	56C	--	86.5	5 - 4.6 / 2.3	12.6	42	--	M18	\$ 870.24
PESS145TC1.5M-4	1.5	1800	208-230/460	145TC	--	86.5	5 - 4.6 / 2.3	16.6	43	--	M18	\$ 840.00
PESS182TC1.5M-6	1.5	1200	208-230/460	182TC	--	85.5	5.4 - 4.9 / 2.45	17.0	79	--	M18	\$ 1,617.28
PESS56C2M-2	2	3600	208-230/460	56C	--	85.5	4.9 - 4.8 / 2.4	13.8	45	--	M18	\$ 915.04
PESS145TC2M-2	2	3600	208-230/460	145TC	--	85.5	4.9 - 4.8 / 2.4	13.8	46	--	M18	\$ 870.24
PESS56C2M-4	2	1800	208-230/460	56C	--	86.5	6.2 - 6 / 3	13.8	51	--	M18	\$ 919.52
PESS145TC2M-4	2	1800	208-230/460	145TC	--	86.5	6.2 - 6 / 3	13.8	52	--	M18	\$ 952.00
PESS184TC2M-6	2	1200	208-230/460	184TC	--	86.5	6.6 - 6.1 / 3.05	17.0	95	--	M18	\$ 1,742.72
PESS182TC3M-2	3	3600	208-230/460	182TC	--	86.5	8.8 - 8.1 / 4.05	17.0	77	--	M18	\$ 2,052.96
PESS182TC3M-4	3	1800	208-230/460	182TC	--	89.5	8.4 - 8 / 4	17.0	78	--	M18	\$ 1,991.36
PESS213TC3M-6	3	1200	208-230/460	213TC	--	87.5	9.3 - 8.6 / 4.3	20.7	160	--	M18	\$ 2,737.28

¹ The Fractional HP motors on this page are not currently required to, and may not meet NEMA MG-1, Table 12-12 for NEMA Premium Efficiency®. These motors are in compliance with EISA regulations.

Performance Data on p. 70
Dimensions on p. 98
Warranty on p. 116

Washdown Duty—Stainless Steel

Three Phase, 56C—256TC Frame
Totally Enclosed Fan Cooled (TEFC)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA MG-1 TABLE 12-12

1/3 HP—20 HP WASHDOWN DUTY C-FLANGE W/ FEET STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PESS184TC5M-2	5	3600	208-230/460	184TC	--	88.5	12.6 - 12.2 / 6.1	17.0	95	--	M18	\$ 2,220.96
PESS184TC5M-4	5	1800	208-230/460	184TC	--	89.5	13 - 12.5 / 6.25	17.0	99	--	M18	\$ 2,302.72
PESS215TC5M-6	5	1200	208-230/460	215TC	--	87.5	14.5 - 13.6 / 6.8	21.5	197	--	M18	\$ 3,204.32
PESS213TC7.5M-2	7.5	3600	208-230/460	213TC	--	89.5	20.5 - 19 / 9.5	20.7	151	--	M18	\$ 3,422.72
PESS213TC7.5M-4	7.5	1800	208-230/460	213TC	--	91.7	20 - 18.6 / 9.3	20.7	179	--	M18	\$ 3,360.00
PESS215TC10M-2	10	3600	208-230/460	215TC	--	90.2	26 - 24.4 / 12.2	20.7	166	--	M18	\$ 3,608.64
PESS215TC10M-4	10	1800	208-230/460	215TC	--	91.7	26 - 24.4 / 12.2	21.5	210	--	M18	\$ 3,671.36
PESS254TC15M-2	15	3600	208-230/460	254TC	--	91.0	40 - 37 / 18.5	23.2	253	--	M18	\$ 7,715.68
PESS254TC15M-4	15	1800	208-230/460	254TC	--	92.4	40 - 37 / 18.5	23.2	286	--	M18	\$ 7,715.68
PESS256TC20M-2	20	3600	208-230/460	256TC	--	91.0	50 - 46 / 23	24.8	286	--	M18	\$ 8,462.72
PESS256TC20M-4	20	1800	208-230/460	256TC	--	93.0	53-49/24.5	24.8	352	--	M18	\$ 8,462.72

¹ The Fractional HP motors on this page are not currently required to, and may not meet NEMA MG-1, Table 12-12 for NEMA Premium Efficiency®. These motors are in compliance with EISA regulations.

Performance Data on p. 70
Dimensions on p. 98
Warranty on p. 116

STAINLESS
STEEL

Washdown Duty—Stainless Steel

Three Phase, 56C—256TC Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1 TABLE 12-12

1/3 HP—20 HP

WASHDOWN DUTY

ROUND BODY/C-FLANGE

STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ① 1/3 HP—20 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ③ Double Sealed Bearings in Both Ends
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ Double Sealed Bearings in Both Ends
- ⑥ 40° C Ambient Continuous Duty
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ⑨ Condensation Drains with Plugs
- ⑩ Windings Rated for 2200V Peak Voltage Spikes
- ⑪ IP66 Protection
- ⑫ Two (2) Year Warranty



APPLICATIONS:

Specifically designed for food processing, pharmaceutical and other environments requiring extreme cleanliness and frequent washdowns. Applications also include chemical processing, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
SS56C1/3M-2-RB	1/3	3600	208-230/460	56C	--	74.0	1.2 - 1.1 / 0.55	11.6	26	1	M18	\$ 520.40
SS56C1/3M-4-RB	1/3	1800	208-230/460	56C	--	82.5	1.4 - 1.2 / 0.6	11.6	28	1	M18	\$ 530.25
SS56C1/2M-2-RB	1/2	3600	208-230/460	56C	--	77.0	1.6 - 1.5 / 0.75	11.6	29	1	M18	\$ 540.11
SS56C1/2M-4-RB	1/2	1800	208-230/460	56C	--	82.5	1.8 - 1.6 / 0.8	11.6	29	1	M18	\$ 549.96
SS56C1/2M-6-RB	1/2	1200	208-230/460	56C	--	80.0	1.9 - 1.8 / 0.9	11.6	31	1	M18	\$ 623.62
SS56C3/4M-2-RB	3/4	3600	208-230/460	56C	--	80.0	2.3 - 2.2 / 1.1	12.6	33	1	M18	\$ 573.91
SS56C3/4M-4-RB	3/4	1800	208-230/460	56C	--	82.5	2.3 - 2.2 / 1.1	12.6	33	1	M18	\$ 588.40
SS56C3/4M-6-RB	3/4	1200	208-230/460	56C	--	80.0	3.0 - 2.8 / 1.4	12.6	34	1	M18	\$ 681.91
PESS56C1M-2-RB	1	3600	208-230/460	56C	--	77.0	2.9 - 2.8 / 1.4	12.6	34	--	M18	\$ 788.90
PESS56C1M-4-RB	1	1800	208-230/460	56C	--	85.5	3.1 - 3 / 1.5	12.6	35	--	M18	\$ 753.76
PESS143TC1M-4-RB	1	1800	208-230/460	143TC	--	85.5	3.1 - 3 / 1.5	12.6	36	--	M18	\$ 815.36
PESS145TC1M-6-RB	1	1200	208-230/460	145TC	--	82.5	4 - 3.8 / 1.9	16.6	42	--	M18	\$ 874.72
PESS56C1.5M-2-RB	1.5	3600	208-230/460	56C	--	84.0	4.2 - 4 / 2	12.6	38	--	M18	\$ 831.04
PESS143TC1.5M-2-RB	1.5	3600	208-230/460	143TC	--	84.0	4.2 - 4 / 2	12.6	39	--	M18	\$ 795.20
PESS56C1.5M-4-RB	1.5	1800	208-230/460	56C	--	86.5	5 - 4.6 / 2.3	12.6	41	--	M18	\$ 843.36
PESS145TC1.5M-4-RB	1.5	1800	208-230/460	145TC	--	86.5	5 - 4.6 / 2.3	16.6	42	--	M18	\$ 815.36
PESS182TC1.5M-6-RB	1.5	1200	208-230/460	182TC	--	85.5	5.4 - 4.9 / 2.45	17.0	78	--	M18	\$ 1,569.12
PESS56C2M-2-RB	2	3600	208-230/460	56C	--	85.5	4.9 - 4.8 / 2.4	13.8	44	--	M18	\$ 887.04
PESS145TC2M-2-RB	2	3600	208-230/460	145TC	--	85.5	4.9 - 4.8 / 2.4	13.8	45	--	M18	\$ 843.36
PESS56C2M-4-RB	2	1800	208-230/460	56C	--	86.5	6.2 - 6 / 3	13.8	50	--	M18	\$ 892.64
PESS145TC2M-4-RB	2	1800	208-230/460	145TC	--	86.5	6.2 - 6 / 3	13.8	51	--	M18	\$ 922.88
PESS184TC2M-6-RB	2	1200	208-230/460	184TC	--	86.5	6.6 - 6.1 / 3.05	17.0	94	--	M18	\$ 1,690.08
PESS182TC3M-2-RB	3	3600	208-230/460	182TC	--	86.5	8.8 - 8.1 / 4.05	17.0	76	--	M18	\$ 1,992.48
PESS182TC3M-4-RB	3	1800	208-230/460	182TC	--	89.5	8.4 - 8 / 4	17.0	77	--	M18	\$ 1,930.88
PESS213TC3M-6-RB	3	1200	208-230/460	213TC	--	87.5	9.3 - 8.6 / 4.3	20.7	159	--	M18	\$ 2,655.52

¹ The Fractional HP motors on this page are not currently required to, and may not meet NEMA MG-1, Table 12-12 for NEMA Premium Efficiency*. These motors are in compliance with EISA regulations.

Performance Data on p. 71
Dimensions on p. 99
Warranty on p. 116

Washdown Duty—Stainless Steel

Three Phase, 56C—256TC Frame
Totally Enclosed Fan Cooled (TEFC)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA MG-1 TABLE 12-12

1/3 HP—20 HP WASHDOWN DUTY ROUND BODY/C-FLANGE STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PESS184TC5M-2-RB	5	3600	208-230/460	184TC	--	88.5	12.6 - 12.2 / 6.1	17.0	94	--	M18	\$ 2,153.76
PESS184TC5M-4-RB	5	1800	208-230/460	184TC	--	89.5	13 - 12.5 / 6.25	17.0	98	--	M18	\$ 2,233.28
PESS215TC5M-6-RB	5	1200	208-230/460	215TC	--	87.5	14.5 - 13.6 / 6.8	21.5	196	--	M18	\$ 3,109.12
PESS213TC7.5M-2-RB	7.5	3600	208-230/460	213TC	--	89.5	20.5 - 19 / 9.5	20.7	150	--	M18	\$ 3,319.68
PESS213TC7.5M-4-RB	7.5	1800	208-230/460	213TC	--	91.7	20 - 18.6 / 9.3	20.7	178	--	M18	\$ 3,259.20
PESS215TC10M-2-RB	10	3600	208-230/460	215TC	--	90.2	26 - 24.4 / 12.2	20.7	165	--	M18	\$ 3,501.12
PESS215TC10M-4-RB	10	1800	208-230/460	215TC	--	91.7	26 - 24.4 / 12.2	21.5	209	--	M18	\$ 3,561.60
PESS254TC15M-2-RB	15	3600	208-230/460	254TC	--	91.0	40 - 37 / 18.5	23.2	252	--	M18	\$ 7,483.84
PESS254TC15M-4-RB	15	1800	208-230/460	254TC	--	92.4	40 - 37 / 18.5	23.2	285	--	M18	\$ 7,483.84
PESS256TC20M-2-RB	20	3600	208-230/460	256TC	--	91.0	50 - 46 / 23	24.8	285	--	M18	\$ 8,208.48
PESS256TC20M-4-RB	20	1800	208-230/460	256TC	--	93.0	53-49/24.5	24.8	351	--	M18	\$ 8,208.48

¹ The Fractional HP motors on this page are not currently required to, and may not meet NEMA MG-1, Table 12-12 for NEMA Premium Efficiency®. These motors are in compliance with EISA regulations.

Performance Data on p. 71
Dimensions on p. 99
Warranty on p. 116

STAINLESS
STEEL

Close Coupled Pump—Heavy Duty Cast Iron

Three Phase, 143JM—365JM Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1 TABLE 12-12

CLASS I, DIV II GROUPS ABCD, T2B and CLASS II, DIV II GROUPS FG

**1 HP—75 HP
CLOSE COUPLED
JM FRAME
CAST IRON**

143JM—365JM FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ① 1 HP—75 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ③ Sealed Bearings Through 215JM Frame;
Regreasable Open Bearings 254JM Frame and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Feet are Dual Drilled for Mounting Flexibility
- ⑨ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ⑩ Corrosion Resistant Epoxy Paint
- ⑪ F1 / F2 Reversible
- ⑫ Lifting Provision
- ⑬ Condensation Drains with Plugs
- ⑭ Windings Rated for 2200V Peak Voltage Spikes
- ⑮ IP55 Protection
- ⑯ Three (3) Year Warranty (Extended Warranty Available)

**UP TO 75 HP IN
STOCK!**



APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143JM-1-4	1	1800	208-230/460	143JM	--	85.5	3.2 - 3 / 1.5	16.2	45	--	M17	\$ 459.51
PE143JM-1.5-2	1.5	3600	208-230/460	143JM	--	84.0	4.4 - 4 / 2	16.2	47	--	M17	\$ 474.88
PE145JM-1.5-4	1.5	1800	208-230/460	145JM	--	86.5	4.7 - 4.4 / 2.2	17.2	50	--	M17	\$ 490.56
PE145JM-2-2	2	3600	208-230/460	145JM	--	85.5	5.8 - 5.3 / 2.65	17.2	49	--	M17	\$ 510.72
PE145JM-2-4	2	1800	208-230/460	145JM	--	86.5	6.6 - 6.2 / 3.1	17.2	49	--	M17	\$ 509.60
PE145JM-3-2	3	3600	208-230/460	145JM	--	86.5	9 - 8.2 / 4.1	17.2	60	--	M17	\$ 655.09
PE182JM-3-2	3	3600	208-230/460	182JM	--	86.5	7.9 - 7.4 / 3.7	18.5	89	--	M17	\$ 659.51
PE182JM-3-4	3	1800	208-230/460	182JM	--	89.5	8.2 - 7.6 / 3.8	18.5	89	--	M17	\$ 688.32
PE184JM-5-2	5	3600	208-230/460	184JM	--	88.5	13 - 11.6 / 5.8	19.5	108	--	M17	\$ 822.54
PE184JM-5-4	5	1800	208-230/460	184JM	--	89.5	14 - 13.6 / 6.8	19.5	96	--	M17	\$ 847.08
PE184JM-7.5-2	7.5	3600	208-230/460	184JM	--	89.5	18.8 - 17.6 / 8.8	19.5	117	--	M17	\$ 975.00
PE213JM-7.5-2	7.5	3600	208-230/460	213JM	--	89.5	18.8 - 17.6 / 8.8	20.8	156	--	M17	\$ 1,150.00
PE213JM-7.5-4	7.5	1800	208-230/460	213JM	--	91.7	19.8 - 18.4 / 9.2	20.8	162	--	M17	\$ 1,250.00
PE215JM-10-2	10	3600	208-230/460	215JM	--	90.2	23.9 - 22.8 / 11.4	22.3	166	--	M17	\$ 1,242.66
PE215JM-10-4	10	1800	208-230/460	215JM	--	91.7	26 - 24 / 12	22.3	179	--	M17	\$ 1,319.38
PE215JM-15-2	15	3600	208-230/460	215JM	--	91.0	37 - 35 / 17.5	22.3	175	--	M17	\$ 1,982.72
PE254JM-15-2	15	3600	208-230/460	254JM	--	91.0	36.2 - 34.4 / 17.2	24.7	261	--	M17	\$ 1,982.72
PE254JM-15-4	15	1800	208-230/460	254JM	--	92.4	37.2 - 36.4 / 18.2	24.7	279	--	M17	\$ 2,063.32

Performance Data on p. 72
Dimensions on p. 100
Warranty on p. 116

Close Coupled Pump—Heavy Duty Cast Iron

Three Phase, 143JM—365JM Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1 TABLE 12-12

CLASS I, DIV II GROUPS ABCD, T2B and CLASS II, DIV II GROUPS FG

**1 HP—75 HP
CLOSE COUPLED
JM FRAME
CAST IRON**

143JM—365JM FRAME
THREE-PHASE
TEFC

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE256JM-20-2	20	3600	208-230/460	256JM	--	91.0	48.5 - 46 / 23	26.5	288	--	M17	\$ 2,177.95
PE256JM-20-4	20	1800	208-230/460	256JM	--	93.0	51.8 - 48.4 / 24.2	26.5	322	--	M17	\$ 2,234.40
PE256JM-25-2	25	3600	208-230/460	256JM	--	91.7	60 - 56 / 28	26.5	326	--	M17	\$ 2,756.54
PE284JM-25-2	25	3600	208-230/460	284JM	--	91.7	61 - 57 / 28.5	27.5	369	--	M17	\$ 2,756.54
PE284JM-25-4	25	1800	208-230/460	284JM	--	93.6	65 - 60 / 30	27.5	369	--	M17	\$ 2,640.12
PE286JM-30-2	30	3600	208-230/460	286JM	--	91.7	74 - 69 / 34.5	29.0	401	--	M17	\$ 3,005.86
PE286JM-30-4	30	1800	208-230/460	286JM	--	93.6	76 - 70.6 / 35.3	29.0	429	--	M17	\$ 2,998.80
PE286JM-40-2	40	3600	208-230/460	286JM	--	92.4	95 - 89 / 44.5	29.0	417	--	M17	\$ 3,900.61
PE324JM-40-2	40	3600	208-230/460	324JM	--	92.4	94.9 - 91 / 45.5	30.1	539	--	M17	\$ 3,900.61
PE324JM-40-4	40	1800	208-230/460	324JM	--	94.1	100 - 93.2 / 46.6	30.1	535	--	M17	\$ 3,943.63
PE326JM-50-2	50	3600	208-230/460	326JM	--	93.0	124 - 116.2 / 58.1	31.6	568	--	M17	\$ 4,601.03
PE326JM-50-4	50	1800	208-230/460	326JM	--	94.5	124 - 116.6 / 58.3	31.6	591	--	M17	\$ 4,715.23
PE364JM-60-2	60	3600	208-230/460	364JM	--	93.6	146 - 132 / 66	33.1	815	--	M17	\$ 6,251.89
PE364JM-60-4	60	1800	208-230/460	364JM	--	95.0	154 - 139 / 69.5	32.1	788	--	M17	\$ 6,508.36
PE365JM-75-2	75	3600	208-230/460	365JM	--	93.6	184 - 166 / 83	33.1	853	--	M17	\$ 6,199.96
PE365JM-75-4	75	1800	208-230/460	365JM	--	95.4	193 - 174 / 87	33.1	833	--	M17	\$ 7,221.35

Performance Data on p. 72
Dimensions on p. 100
Warranty on p. 116

CLOSE
COUPLED

Close Coupled Pump—Heavy Duty Cast Iron

Three Phase, 143JP—365JP Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1 TABLE 12-12

CLASS I, DIV II GROUPS ABCD, T2B and CLASS II, DIV II GROUPS FG

1 HP—75 HP
CLOSE COUPLED
JP FRAME
CAST IRON

143JP—365JP FRAME
 THREE-PHASE
 TEFC

Standard Features Include:

- ① 1 HP—75 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ③ Sealed Bearings Through 215JP Frame;
Regreasable Open Bearings 254JP Frame and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance / High Starting Torque
- ⑧ Feet are Dual Drilled for Mounting Flexibility
- ⑨ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ⑩ Corrosion Resistant Epoxy Paint
- ⑪ F1 / F2 Reversible
- ⑫ Lifting Provision
- ⑬ Condensation Drains with Plugs
- ⑭ Windings Rated for 2200V Peak Voltage Spikes
- ⑮ IP55 Protection
- ⑯ Three (3) Year Warranty (Extended Warranty Available)



APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE143JP-1-4	1	1800	208-230/460	143JP	--	85.5	3.2 - 3 / 1.5	19.3	49	--	M17	\$ 459.51
PE143JP-1.5-2	1.5	3600	208-230/460	143JP	--	84.0	4.4 - 4 / 2	19.3	47	--	M17	\$ 474.88
PE145JP-1.5-4	1.5	1800	208-230/460	145JP	--	86.5	4.7 - 4.4 / 2.2	20.3	53	--	M17	\$ 490.56
PE145JP-2-2	2	3600	208-230/460	145JP	--	85.5	5.8 - 5.3 / 2.65	20.3	49	--	M17	\$ 510.72
PE145JP-2-4	2	1800	208-230/460	145JP	--	86.5	6.6 - 6.2 / 3.1	20.3	54	--	M17	\$ 509.60
PE145JP-3-2	3	3600	208-230/460	145JP	--	86.5	9 - 8.2 / 4.1	20.3	56	--	M17	\$ 655.09
PE182JP-3-2	3	3600	208-230/460	182JP	--	86.5	7.9 - 7.4 / 3.7	21.6	89	--	M17	\$ 659.51
PE182JP-3-4	3	1800	208-230/460	182JP	--	89.5	8.2 - 7.6 / 3.8	21.6	90	--	M17	\$ 688.32
PE184JP-5-2	5	3600	208-230/460	184JP	--	88.5	13 - 11.6 / 5.8	22.6	107	--	M17	\$ 822.54
PE184JP-5-4	5	1800	208-230/460	184JP	--	89.5	14 - 13.6 / 6.8	22.6	98	--	M17	\$ 847.08
PE184JP-7.5-2	7.5	3600	208-230/460	184JP	--	89.5	18.8 - 17.6 / 8.8	22.6	119	--	M17	\$ 975.00
PE213JP-7.5-2	7.5	3600	208-230/460	213JP	--	89.5	18.8 - 17.6 / 8.8	24.7	160	--	M17	\$ 1,150.00
PE213JP-7.5-4	7.5	1800	208-230/460	213JP	--	91.7	19.8 - 18.4 / 9.2	24.7	159	--	M17	\$ 1,250.00
PE215JP-10-2	10	3600	208-230/460	215JP	--	90.2	23.9 - 22.8 / 11.4	26.2	173	--	M17	\$ 1,242.66
PE215JP-10-4	10	1800	208-230/460	215JP	--	91.7	26 - 24 / 12	26.2	186	--	M17	\$ 1,319.38
PE215JP-15-2	15	3600	208-230/460	215JP	--	91.0	37 - 35 / 17.5	26.2	189	--	M17	\$ 1,982.72
PE254JP-15-2	15	3600	208-230/460	254JP	--	91.0	36.2 - 34.4 / 17.2	27.6	261	--	M17	\$ 1,982.72
PE254JP-15-4	15	1800	208-230/460	254JP	--	92.4	37.2 - 36.4 / 18.2	27.6	281	--	M17	\$ 2,063.32

Performance Data on p. 73
 Dimensions on p. 101
 Warranty on p. 116

Close Coupled Pump—Heavy Duty Cast Iron

Three Phase, 143JP—365JP Frame

Totally Enclosed Fan Cooled (TEFC)

Inverter Duty (20:1 VT; 10:1 CT)

NEMA MG-1 TABLE 12-12

CLASS I, DIV II GROUPS ABCD, T2B and CLASS II, DIV II GROUPS FG

**1 HP—75 HP
CLOSE COUPLED
JP FRAME
CAST IRON**

143JP—365JP FRAME
THREE-PHASE
TEFC

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PE256JP-20-2	20	3600	208-230/460	256JP	--	91.0	48.5 - 46 / 23	29.4	269	--	M17	\$ 2,177.95
PE256JP-20-4	20	1800	208-230/460	256JP	--	93.0	51.8 - 48.4 / 24.2	29.4	312	--	M17	\$ 2,234.40
PE256JP-25-2	25	3600	208-230/460	256JP	--	91.7	60 - 56 / 28	29.4	326	--	M17	\$ 2,756.54
PE284JP-25-2	25	3600	208-230/460	284JP	--	91.7	61 - 57 / 28.5	30.4	371	--	M17	\$ 2,756.54
PE284JP-25-4	25	1800	208-230/460	284JP	--	93.6	65 - 60 / 30	30.4	395	--	M17	\$ 2,640.12
PE286JP-30-2	30	3600	208-230/460	286JP	--	91.7	74 - 69 / 34.5	31.9	412	--	M17	\$ 3,005.86
PE286JP-30-4	30	1800	208-230/460	286JP	--	93.6	76 - 70.6 / 35.3	31.9	429	--	M17	\$ 2,998.80
PE286JP-40-2	40	3600	208-230/460	286JP	--	92.4	95 - 89 / 44.5	31.9	425	--	M17	\$ 3,900.61
PE324JP-40-2	40	3600	208-230/460	324JP	--	92.4	94.9 - 91 / 45.5	32.9	542	--	M17	\$ 3,900.61
PE324JP-40-4	40	1800	208-230/460	324JP	--	94.1	100 - 93.2 / 46.6	32.9	530	--	M17	\$ 3,943.63
PE326JP-50-2	50	3600	208-230/460	326JP	--	93.0	124 - 116.2 / 58.1	34.4	573	--	M17	\$ 4,601.03
PE326JP-50-4	50	1800	208-230/460	326JP	--	94.5	124 - 116.6 / 58.3	34.4	600	--	M17	\$ 4,715.23
PE364JP-60-2	60	3600	208-230/460	364JP	--	93.6	146 - 132 / 66	36.0	818	--	M17	\$ 6,251.89
PE364JP-60-4	60	1800	208-230/460	364JP	--	95.0	154 - 139 / 69.5	35.0	789	--	M17	\$ 6,508.36
PE365JP-75-2	75	3600	208-230/460	365JP	--	93.6	184 - 166 / 83	36.0	778	--	M17	\$ 6,199.96
PE365JP-75-4	75	1800	208-230/460	365JP	--	95.4	193 - 174 / 87	36.0	836	--	M17	\$ 7,221.35

Performance Data on p. 73
Dimensions on p. 101
Warranty on p. 116

CLOSE
COUPLED

Explosion Proof

Three-Phase, 143T—449T Frame

Totally Enclosed Explosion Proof (TEXP)

Inverter Rated (10:1 VT; 5:1 CT)

NEMA MG-1, TABLE 12-12

1 HP—250 HP
EXPLOSION PROOF
CAST IRON

INVERTER RATED (10:1 VT; 5:1 CT)
 143T—449T FRAME
 THREE-PHASE
 TEXP

Standard Features Include:

- ① 1 HP—250 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- ③ Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ Hazardous Location Classification:
 - See Quick Reference Table on the Following Page
 - For More Detailed Information, See pp. 100—101
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance
- ⑧ Feet are Dual Drilled for Mounting Flexibility
- ⑨ Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- ⑩ Corrosion Resistant Epoxy Paint
- ⑪ F1 / F2 Reversible
- ⑫ Lifting Provision
- ⑬ Cast Iron Frame Construction
- ⑭ IP55 Protection
- ⑮ Two (2) Year Warranty
- ⑯ C-Flange Conversion Kits Available²



APPLICATIONS:

For use on pumps, fans, blowers, compressors, material handling and other industrial and commercial machinery installed in damp, dusty or dirty environments. These motors are designed to be used in hazardous locations as defined by class and group. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PEXP143T-1-4	1	1800	208-230/460	143T	XP-1	85.5	3 - 2.7 / 1.35	12.6	62	2	M5	\$ 907.20
PEXP145T-1-6	1	1200	208-230/460	145T	XP-1	82.5	3.6 - 3.3 / 1.65	14.6	79	2	M5	\$ 1,002.40
PEXP143T-1.5-2	1.5	3600	208-230/460	143T	XP-1	84.0	4.1 - 3.7 / 1.85	12.6	73	2	M5	\$ 929.60
PEXP145T-1.5-4	1.5	1800	208-230/460	145T	XP-1	86.5	4.3 - 3.9 / 1.95	14.6	88	2	M5	\$ 996.80
PEXP182T-1.5-6	1.5	1200	208-230/460	182T	XP-1	87.5	4.6 - 4.1 / 2.07	16.1	115	2	M5	\$ 1,131.20
PEXP145T-2-2	2	3600	208-230/460	145T	XP-1	85.5	5.5 - 5 / 2.5	14.6	75	2	M5	\$ 1,036.00
PEXP145T-2-4	2	1800	208-230/460	145T	XP-1	86.5	5.8 - 5.2 / 2.6	14.6	88	2	M5	\$ 1,131.20
PEXP184T-2-6	2	1200	208-230/460	184T	XP-1	88.5	6.2 - 5.6 / 2.8	17.1	130	2	M5	\$ 1,428.00
PEXP182T-3-2	3	3600	208-230/460	182T	XP-1	86.5	7.7 - 7 / 3.5	16.1	115	2	M5	\$ 1,316.00
PEXP182T-3-4	3	1800	208-230/460	182T	XP-1	89.5	8.4 - 7.6 / 3.8	16.1	130	2	M5	\$ 1,372.00
PEXP213T-3-6	3	1200	208-230/460	213T	XP-1	89.5	8.7 - 7.9 / 3.95	18.9	238	2	M5	\$ 1,680.00
PEXP184T-5-2	5	3600	208-230/460	184T	XP-1	88.5	13.3 - 12 / 6	17.1	128	2	M5	\$ 1,640.80
PEXP184T-5-4	5	1800	208-230/460	184T	XP-1	89.5	15.5 - 14 / 7	17.1	183	2	M5	\$ 1,640.80
PEXP215T-5-6	5	1200	208-230/460	215T	XP-1	89.5	16.6 - 15 / 7.5	20.4	295	2	M5	\$ 2,238.88
PEXP213T-7.5-2	7.5	3600	208-230/460	213T	XP-1	89.5	18.4 - 16.6 / 8.3	18.9	253	2	M5	\$ 1,932.00
PEXP213T-7.5-4	7.5	1800	208-230/460	213T	XP-1	91.7	19.7 - 17.8 / 8.9	18.9	254	2	M5	\$ 2,126.88
PEXP254T-7.5-6	7.5	1200	208-230/460	254T	XP-1	91.0	27.6 - 25 / 12.5	23.2	386	2	M5	\$ 2,520.00
PEXP215T-10-2	10	3600	208-230/460	215T	XP-1	90.2	25.4 - 23 / 11.5	20.4	262	2	M5	\$ 2,238.88
PEXP215T-10-4	10	1770	208-230/460	215T	XP-1	91.7	27 - 24.4 / 12.2	20.4	262	2	M5	\$ 2,312.80
PEXP256T-10-6	10	1200	208-230/460	256T	XP-1	91.0	27.6 - 25 / 12.5	25.0	384	2	M5	\$ 3,134.88
PEXP254T-15-2	15	3600	208-230/460	254T	XP-1	91.0	36.5 - 33 / 16.5	23.2	401	2	M5	\$ 3,134.88
PEXP254T-15-4	15	1800	208-230/460	254T	XP-1	92.4	38.7 - 35 / 17.5	23.2	403	2	M5	\$ 3,134.88
PEXP284T-15-6	15	1200	208-230/460	284T	XP-1	91.7	50.4 - 45.6 / 22.8	26.6	476	2	M5	\$ 4,088.00

¹ 460V Only

² See p. 58 for C-Flange Conversion Kits

Performance Data on p. 74
 Dimensions on p. 102
 Hazardous Definitions on p.115
 Warranty on p. 116

Explosion Proof
Three-Phase, 143T—449T Frame
Totally Enclosed Explosion Proof (TEXP)
Inverter Rated (10:1 VT; 5:1 CT)
NEMA MG-1, TABLE 12-12

1 HP—250 HP
EXPLOSION PROOF
CAST IRON
 INVERTER RATED (10:1 VT; 5:1 CT)
 143T—449T FRAME
 THREE-PHASE
 TEXP

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PEXP256T-20-2	20	3600	208-230/460	256T	XP-1	91.0	50.4 - 45.6 / 22.8	25.0	434	2	M5	\$ 3,416.00
PEXP256T-20-4	20	1800	208-230/460	256T	XP-1	93.0	50.9 - 46 / 23	25.0	428	2	M5	\$ 3,584.00
PEXP286T-20-6	20	1200	208-230/460	286T	XP-1	91.7	52 - 47 / 23.5	28.1	520	2	M5	\$ 4,984.00
PEXP284TS-25-2	25	3600	208-230/460	284TS	XP-1	91.7	60.8 - 55 / 27.5	25.2	506	2	M5	\$ 3,864.00
PEXP284T-25-4	25	1800	208-230/460	284T	XP-1	93.6	60.8 - 55 / 27.5	26.6	558	2	M5	\$ 3,889.76
PEXP324T-25-6	25	1200	208-230/460	324T	XP-1	93.0	64.1 - 58 / 29	29.8	657	2	M5	\$ 5,306.56
PEXP286TS-30-2	30	3600	208-230/460	286TS	XP-1	91.7	71.9 - 65 / 32.5	26.7	528	2	M5	\$ 4,585.28
PEXP286T-30-4	30	1800	208-230/460	286T	XP-1	93.6	71.9 - 65 / 32.5	28.1	580	2	M5	\$ 4,430.72
PEXP326T-30-6	30	1200	208-230/460	326T	XP-1	93.0	76.3 - 69 / 34.5	31.3	739	2	M5	\$ 6,543.04
PEXP324TS-40-2	40	3600	208-230/460	324TS	XP-1	92.4	98.4 - 89 / 44.5	28.3	710	2	M5	\$ 5,445.66
PEXP324T-40-4	40	1800	208-230/460	324T	XP-1	94.1	98.4 - 89 / 44.5	29.8	734	2	M5	\$ 5,667.20
PEXP364T-40-6	40	1200	208-230/460	364T	XP-1	94.1	101.7 - 92 / 46	32.5	911	2	M5	\$ 7,867.10
PEXP326TS-50-2	50	3600	208-230/460	326TS	XP-1	93.0	119.4 - 108 / 54	29.8	743	2	M5	\$ 7,315.84
PEXP326T-50-4	50	1800	208-230/460	326T	XP-1	94.5	121.6 - 110 / 55	31.3	763	2	M5	\$ 6,955.20
PEXP365T-50-6	50	1200	208-230/460	365T	XP-1	94.1	125 - 113 / 56.5	33.5	899	2	M5	\$ 8,758.40
PEXP364TS-60-2	60	3600	208-230/460	364TS	XP-1	93.6	144.9 - 131 / 65.5	31.4	860	2	M5	\$ 8,191.68
PEXP364T-60-4	60	1800	208-230/460	364T	XP-1	95.0	147.1 - 133 / 66.5	32.5	891	2	M5	\$ 8,449.28
PEXP404T-60-6	60	1200	208-230/460	404T	XP-1	94.5	152.6 - 138 / 69	38.0	1188	2	M5	\$ 10,819.20
PEXP365TS-75-2	75	3600	208-230/460	365TS	XP-1	93.6	186.9 - 169 / 84.5	31.4	946	2	M5	\$ 10,510.08
PEXP365T-75-4	75	1800	208-230/460	365T	XP-1	95.4	191.3 - 173 / 86.5	33.5	957	2	M5	\$ 9,685.76
PEXP405T-75-6	75	1200	208-230/460	405T	XP-1	94.5	185.8 - 168 / 84	38.0	1349	2	M5	\$ 12,364.80
PEXP405TS-100-2	100	3600	208-230/460	405TS	XP-1	94.1	240.6 - 217.6 / 108.8	35.0	1393	2	M5	\$ 12,364.80
PEXP405T-100-4	100	1800	208-230/460	405T	XP-1	95.4	242.2 - 219 / 109.5	38.0	1426	2	M5	\$ 12,467.84
PEXP444T-100-6	100	1200	460	444T	XP-1	95.0	117.0	44.3	1642	2	M5	\$ 17,362.24
PEXP444TS-125-2	125	3600	460	444TS	XP-1	95.0	130.0	40.6	1638	1,2	M5	\$ 15,559.04
PEXP444T-125-4	125	1800	460	444T	XP-1	95.4	133.0	44.3	1640	1,2	M5	\$ 15,662.08
PEXP445T-125-6	125	1200	460	445T	XP-1	95.0	135.0	44.3	1779	1,2	M5	\$ 21,638.40
PEXP445TS-150-2	150	3600	460	445TS	XP-1	95.0	160.0	40.6	1830	1,2	M5	\$ 21,638.40
PEXP445T-150-4	150	1800	460	445T	XP-1	95.8	162.5	44.3	1898	1,2	M5	\$ 23,441.60
PEXP447T-150-6	150	1200	460	447T	XP-1	95.8	166.0	47.8	2174	1,2	M5	\$ 27,305.60
PEXP447TS-200-2	200	3600	460	447TS	XP-1	95.4	213.5	44.1	2370	1,2	M5	\$ 27,305.60
PEXP447T-200-4	200	1800	460	447T	XP-1	96.2	217.0	47.8	2348	1,2	M5	\$ 27,305.60
PEXP449T-200-6	200	1200	460	449T	XP-1	95.8	227.5	52.8	2368	1,2	M5	\$ 31,427.20
PEXP449TS-250-2	250	3600	460	449TS	XP-1	95.8	262.0	49.1	2370	1,2	M5	\$ 29,835.20
PEXP449T-250-4	250	1800	460	449T	XP-1	96.2	268.0	52.8	2381	1,2	M5	\$ 28,928.00

¹ 460V Only

² See p. 58 for C-Flange Conversion Kits

Performance Data on p. 74
 Dimensions on p. 102
 Hazardous Definitions on p.115
 Warranty on p. 116

HAZARDOUS LOCATION CLASSIFICATION QUICK REFERENCE :

143T-215T Frame Motors

Class I, Division 1, Groups C & D, AND Class II, Division 1, Groups F & G

T3C, with Ambient Temperature Rating: -20°C to **55°C** @ 1.15 SF

T3C, with Ambient Temperature Rating: -20°C to **40°C** @ 1.0 SF for Inverter Duty

254T-449T Frame Motors

Class I, Division 1, Groups C & D

T3C, with Ambient Temperature Rating: -20°C to **40°C** @ 1.15 SF, or 1.0 SF for Inverter Duty

T2B, with Ambient Temperature Rating: -20°C to **55°C** @ 1.15 SF, or 1.0 SF for Inverter Duty

Class II, Division 1, Groups F & G

T3C, with Ambient Temperature Rating: -20°C to **40°C** @ 1.15 SF, or 1.0 SF for Inverter Duty

Explosion Proof

Three-Phase, 143TC—449TC Frame

Totally Enclosed Explosion Proof (TEXP)

Inverter Rated (10:1 VT; 5:1 CT)

NEMA MG-1, TABLE 12-12

1 HP—200 HP

EXPLOSION PROOF

C-FLANGE W/ FEET

CAST IRON

INVERTER RATED (10:1 VT; 5:1 CT)
143TC—449TC FRAME
THREE-PHASE
TEXP

Standard Features Include:

- 1 1 HP—200 HP in Stock
- 2 1.15 Service Factor @ 60 Hertz; 1.0 Service Factor @ 50 Hertz
- 3 Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above
- 4 Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- 5 Hazardous Location Classification:
 - See Quick Reference Table on the Following Page
 - For More Detailed Information, See pp. 100—101
- 6 Stainless Steel Nameplate and Zinc Plate Hardware
- 7 NEMA Design B Performance
- 8 Feet are Dual Drilled for Mounting Flexibility
- 9 Dual Voltage Ratings Suitable for Part Wind Start on Lower Voltage
- 10 Corrosion Resistant Epoxy Paint
- 11 F1 / F2 Reversible
- 12 Lifting Provision
- 13 Cast Iron Frame Construction
- 14 IP55 Protection
- 15 Two (2) Year Warranty



APPLICATIONS:

For use on pumps, fans, blowers, compressors, material handling and other industrial and commercial machinery installed in damp, dusty or dirty environments. These motors are designed to be used in hazardous locations as defined by class and group. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PEXP143TC-1-4	1	1800	208-230/460	143TC	XP-1	85.5	3 - 2.7 / 1.35	12.6	62	--	M5	\$ 943.49
PEXP145TC-1-6	1	1200	208-230/460	145TC	XP-1	82.5	3.6 - 3.3 / 1.65	14.6	79	--	M5	\$ 1,042.50
PEXP143TC-1.5-2	1.5	3600	208-230/460	143TC	XP-1	84.0	4.1 - 3.7 / 1.85	12.6	73	--	M5	\$ 966.78
PEXP145TC-1.5-4	1.5	1800	208-230/460	145TC	XP-1	86.5	4.3 - 3.9 / 1.95	14.6	88	--	M5	\$ 1,036.67
PEXP182TC-1.5-6	1.5	1200	208-230/460	182TC	XP-1	87.5	4.6 - 4.1 / 2.07	16.1	115	--	M5	\$ 1,176.45
PEXP145TC-2-2	2	3600	208-230/460	145TC	XP-1	85.5	5.5 - 5 / 2.5	14.6	75	--	M5	\$ 1,077.44
PEXP145TC-2-4	2	1800	208-230/460	145TC	XP-1	86.5	5.8 - 5.2 / 2.6	14.6	88	--	M5	\$ 1,176.45
PEXP184TC-2-6	2	1200	208-230/460	184TC	XP-1	88.5	6.2 - 5.6 / 2.8	17.1	130	--	M5	\$ 1,485.12
PEXP182TC-3-2	3	3600	208-230/460	182TC	XP-1	86.5	7.7 - 7 / 3.5	16.1	115	--	M5	\$ 1,368.64
PEXP182TC-3-4	3	1800	208-230/460	182TC	XP-1	89.5	8.4 - 7.6 / 3.8	16.1	130	--	M5	\$ 1,426.88
PEXP213TC-3-6	3	1200	208-230/460	213TC	XP-1	89.5	8.7 - 7.9 / 3.95	18.9	238	--	M5	\$ 1,747.20
PEXP184TC-5-2	5	3600	208-230/460	184TC	XP-1	88.5	13.3 - 12 / 6	17.1	128	--	M5	\$ 1,706.43
PEXP184TC-5-4	5	1800	208-230/460	184TC	XP-1	89.5	15.5 - 14 / 7	17.1	183	--	M5	\$ 1,706.43
PEXP215TC-5-6	5	1200	208-230/460	215TC	XP-1	89.5	16.6 - 15 / 7.5	20.4	295	--	M5	\$ 2,328.44
PEXP213TC-7.5-2	7.5	3600	208-230/460	213TC	XP-1	89.5	18.4 - 16.6 / 8.3	18.9	253	--	M5	\$ 2,009.28
PEXP213TC-7.5-4	7.5	1800	208-230/460	213TC	XP-1	91.7	19.7 - 17.8 / 8.9	18.9	254	--	M5	\$ 2,211.96
PEXP254TC-7.5-6	7.5	1200	208-230/460	254TC	XP-1	91.0	27.6 - 25 / 12.5	23.2	386	--	M5	\$ 2,620.80
PEXP215TC-10-2	10	3600	208-230/460	215TC	XP-1	90.2	25.4 - 23 / 11.5	20.4	262	--	M5	\$ 2,328.44
PEXP215TC-10-4	10	1800	208-230/460	215TC	XP-1	91.7	27 - 24.4 / 12.2	20.4	262	--	M5	\$ 2,405.31
PEXP256TC-10-6	10	1200	208-230/460	256TC	XP-1	91.0	27.6 - 25 / 12.5	25.0	384	--	M5	\$ 3,260.28
PEXP254TC-15-2	15	3600	208-230/460	254TC	XP-1	91.0	36.5 - 33 / 16.5	23.2	401	--	M5	\$ 3,260.28
PEXP254TC-15-4	15	1800	208-230/460	254TC	XP-1	92.4	38.7 - 35 / 17.5	23.2	403	--	M5	\$ 3,260.28
PEXP284TC-15-6	15	1200	208-230/460	284TC	XP-1	91.7	50.4 - 45.6 / 22.8	26.6	476	--	M5	\$ 4,251.52

¹ 460V Only

Performance Data on p. 75
Dimensions on p. 103
Hazardous Definitions on p.115
Warranty on p. 116

Explosion Proof
Three-Phase, 143TC—449TC Frame
Totally Enclosed Explosion Proof (TEXP)
Inverter Rated (10:1 VT; 5:1 CT)
NEMA MG-1, TABLE 12-12

1 HP—200 HP
EXPLOSION PROOF
C-FLANGE W/ FEET
CAST IRON

INVERTER RATED (10:1 VT; 5:1 CT)
 143TC—449TC FRAME
 THREE-PHASE
 TEXP

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PEXP256TC-20-2	20	3600	208-230/460	256TC	XP-1	91.0	50.4 - 45.6 / 22.8	25.0	434	--	M5	\$ 3,552.64
PEXP256TC-20-4	20	1800	208-230/460	256TC	XP-1	93.0	50.9 - 46 / 23	25.0	428	--	M5	\$ 3,727.36
PEXP286TC-20-6	20	1200	208-230/460	286TC	XP-1	91.7	52 - 47 / 23.5	28.1	520	--	M5	\$ 5,183.36
PEXP284TSC-25-2	25	3600	208-230/460	284TSC	XP-1	91.7	60.8 - 55 / 27.5	25.2	506	--	M5	\$ 4,018.56
PEXP284TC-25-4	25	1800	208-230/460	284TC	XP-1	93.6	60.8 - 55 / 27.5	26.6	558	--	M5	\$ 4,045.35
PEXP324TC-25-6	25	1200	208-230/460	324TC	XP-1	93.0	64.1 - 58 / 29	29.8	657	--	M5	\$ 5,518.82
PEXP286TSC-30-2	30	3600	208-230/460	286TSC	XP-1	91.7	71.9 - 65 / 32.5	26.7	528	--	M5	\$ 4,768.69
PEXP286TC-30-4	30	1800	208-230/460	286TC	XP-1	93.6	71.9 - 65 / 32.5	28.1	580	--	M5	\$ 4,607.95
PEXP326TC-30-6	30	1200	208-230/460	326TC	XP-1	93.0	76.3 - 69 / 34.5	31.3	739	--	M5	\$ 6,804.76
PEXP324TSC-40-2	40	3600	208-230/460	324TSC	XP-1	92.4	98.4 - 89 / 44.5	28.3	710	--	M5	\$ 5,663.49
PEXP324TC-40-4	40	1800	208-230/460	324TC	XP-1	94.1	98.4 - 89 / 44.5	29.8	734	--	M5	\$ 5,893.89
PEXP364TC-40-6	40	1200	208-230/460	364TC	XP-1	94.1	101.7 - 92 / 46	32.5	911	--	M5	\$ 8,181.79
PEXP326TSC-50-2	50	3600	208-230/460	326TSC	XP-1	93.0	119.4 - 108 / 54	29.8	743	--	M5	\$ 7,608.47
PEXP326TC-50-4	50	1800	208-230/460	326TC	XP-1	94.5	121.6 - 110 / 55	31.3	763	--	M5	\$ 7,233.41
PEXP365TC-50-6	50	1200	208-230/460	365TC	XP-1	94.1	125 - 113 / 56.5	33.5	899	--	M5	\$ 9,108.74
PEXP364TSC-60-2	60	3600	208-230/460	364TSC	XP-1	93.6	144.9 - 131 / 65.5	31.4	860	--	M5	\$ 8,519.35
PEXP364TC-60-4	60	1800	208-230/460	364TC	XP-1	95.0	147.1 - 133 / 66.5	32.5	891	--	M5	\$ 8,787.25
PEXP404TC-60-6	60	1200	208-230/460	404TC	XP-1	94.5	152.6 - 138 / 69	38.0	1188	--	M5	\$ 11,251.97
PEXP365TSC-75-2	75	3600	208-230/460	365TSC	XP-1	93.6	186.9 - 169 / 84.5	31.4	946	--	M5	\$ 10,930.48
PEXP365TC-75-4	75	1800	208-230/460	365TC	XP-1	95.4	191.3 - 173 / 86.5	33.5	957	--	M5	\$ 10,073.19
PEXP405TC-75-6	75	1200	208-230/460	405TC	XP-1	94.5	185.8 - 168 / 84	38.0	1349	--	M5	\$ 12,859.39
PEXP405TSC-100-2	100	3600	208-230/460	405TSC	XP-1	94.1	240.6 - 217.6 / 108.8	35.0	1393	--	M5	\$ 12,859.39
PEXP405TC-100-4	100	1800	208-230/460	405TC	XP-1	95.4	242.2 - 219 / 109.5	38.0	1426	--	M5	\$ 12,966.55
PEXP444TC-100-6	100	1200	460	444TC	XP-1	95.0	117.0	44.3	1642	1	M5	\$ 18,056.73
PEXP444TSC-125-2	125	3600	460	444TSC	XP-1	95.0	130.0	40.6	1638	1	M5	\$ 16,181.40
PEXP444TC-125-4	125	1800	460	444TC	XP-1	95.4	133.0	44.3	1640	1	M5	\$ 16,288.56
PEXP445TC-125-6	125	1200	460	445TC	XP-1	95.0	135.0	44.3	1779	1	M5	\$ 22,503.94
PEXP445TSC-150-2	150	3600	460	445TSC	XP-1	95.0	160.0	40.6	1830	1	M5	\$ 22,503.94
PEXP445TC-150-4	150	1800	460	445TC	XP-1	95.8	162.5	44.3	1898	1	M5	\$ 24,379.26
PEXP447TC-150-6	150	1200	460	447TC	XP-1	95.8	166.0	47.8	2174	1	M5	\$ 28,397.82
PEXP447TSC-200-2	200	3600	460	447TSC	XP-1	95.4	213.5	44.1	2370	1	M5	\$ 28,397.82
PEXP447TC-200-4	200	1800	460	447TC	XP-1	96.2	217.0	47.8	2348	1	M5	\$ 28,397.82
PEXP449TC-200-6	200	1200	460	449TC	XP-1	95.8	227.5	52.8	2368	1	M5	\$ 32,684.29
PEXP449TSC-250-2	250	3600	460	449TSC	XP-1	95.8	262.0	49.1	2370	1	M5	\$ 31,028.61
PEXP449TC-250-4	250	1800	460	449TC	XP-1	96.2	268.0	52.8	2381	1	M5	\$ 30,085.12

¹ 460V Only

Performance Data on p. 75
 Dimensions on p. 103
 Hazardous Definitions on p.115
 Warranty on p. 116

HAZARDOUS LOCATION CLASSIFICATION QUICK REFERENCE :

143T-215T Frame Motors

Class I, Division 1, Groups C & D, AND Class II, Division 1, Groups F & G
 T3C, with Ambient Temperature Rating: -20°C to 55°C @ 1.15 SF
 T3C, with Ambient Temperature Rating: -20°C to 40°C @ 1.0 SF for Inverter Duty

254T-449T Frame Motors

Class I, Division 1, Groups C & D
 T3C, with Ambient Temperature Rating: -20°C to 40°C @ 1.15 SF, or 1.0 SF for Inverter Duty
 T2B, with Ambient Temperature Rating: -20°C to 55°C @ 1.15 SF, or 1.0 SF for Inverter Duty
 Class II, Division 1, Groups F & G
 T3C, with Ambient Temperature Rating: -20°C to 40°C @ 1.15 SF, or 1.0 SF for Inverter Duty

Oil Well Pump

Three-Phase, 184T—449T Frame
Totally Enclosed Fan Cooled (TEFC)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA Design D—High Torque / High Slip (5—8%)

2 HP—150 HP OIL WELL PUMP CAST IRON

INVERTER DUTY (20:1 VT; 10:1 CT)
184T—449T FRAME
THREE-PHASE
TEFC

Standard Features Include:

- ① 2 HP—150 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz
- ③ Double Shielded Bearings through 215T Frame;
Regreasable Open Bearings 254T Frame and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design D Performance
- ⑧ High Torque / High Slip (5—8%)
- ⑨ Thermistors in the Windings
- ⑩ Dual Voltage Ratings Suitable for Part Wind Start on 230V
- ⑪ Corrosion Resistant Epoxy Paint
- ⑫ Lifting Provisions on 213T Frame and Above
- ⑬ Condensation Drains with Plugs
- ⑭ Cast Iron Frame Construction
- ⑮ Windings Rated for 2200V Peak Voltage Spikes
- ⑯ IP55 Protection
- ⑰ Two (2) Year Warranty (Extended Warranty Available)

**900 RPM & 1200
RPM IN STOCK!**



APPLICATIONS:

Designed specifically for use on Oil Well Pumping Units. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
OWP184T-2-6	2	1200	230/460/796	184T	--	78.5	7/3.5/2	16.1	87	--	M6	\$ 956.80
OWP184T-2-8	2	900	230/460/796	184T	--	75.0	8.4/4.2/2.4	16.1	83	--	M6	\$ 1,232.00
OWP213T-3-6	3	1200	230/460/796	213T	--	79.0	10.0/5.0/2.9	18.9	130	--	M6	\$ 1,002.40
OWP215T-3-8	3	900	230/460/796	215T	--	80.0	10/5/2.9	20.4	123	--	M6	\$ 1,450.40
OWP215T-5-6	5	1200	230/460/796	215T	--	83.5	15.0/7.5/4.3	20.4	156	--	M6	\$ 1,215.20
OWP254T-5-8	5	900	230/460/796	254T	--	81.5	18/9/5.2	23.2	191	--	M6	\$ 1,792.00
OWP254T-7.5-6	7.5	1200	230/460/796	254T	--	84.5	21.6/10.8/6.2	23.2	220	--	M6	\$ 1,808.80
OWP256T-7.5-8	7.5	900	230/460/796	256T	--	82.5	25/12.5/7.2	25.0	235	--	M6	\$ 2,184.00
OWP256T-10-6	10	1200	230/460/796	256T	--	85.0	28.8/14.4/8.3	25.0	249	--	M6	\$ 2,044.00
OWP284T-10-8	10	900	230/460/796	284T	--	84.0	33/16.5/9.5	26.6	283	--	M6	\$ 2,912.00
OWP284T-15-6	15	1200	230/460/796	284T	--	85.5	40.0/20.0/11.6	26.6	341	--	M6	\$ 2,760.80
OWP286T-15-8	15	900	230/460/796	286T	--	85.5	47/23.5/13.5	28.1	337	--	M6	\$ 3,360.00
OWP286T-20-6	20	1200	230/460/796	286T	--	86.0	53.0/26.5/15.3	28.1	403	--	M6	\$ 3,192.00
OWP324T-20-8	20	900	230/460/796	324T	--	87.5	62/31/18	29.8	451	--	M6	\$ 4,312.00
OWP324T-25-6	25	1200	230/460/796	324T	--	86.0	64.4/32.2/18.6	29.8	510	--	M6	\$ 3,118.75
OWP326T-25-8	25	900	230/460/796	326T	--	87.5	75/37.5/21.5	31.3	493	--	M6	\$ 3,838.82
OWP326T-30-6	30	1200	230/460/796	326T	--	86.5	77.0/38.5/22.2	31.3	572	--	M6	\$ 3,531.53
OWP364T-30-8	30	900	230/460/796	364T	--	87.5	90/45/26	32.5	629	--	M6	\$ 5,136.77
OWP365T-40-6	40	1200	230/460/796	365T	--	87.5	98.0/49.0/28.3	33.5	733	--	M6	\$ 4,942.21
OWP365T-40-8	40	900	230/460/796	365T	--	87.5	116/58/33.5	33.5	710	--	M6	\$ 5,523.98
OWP404T-50-6	50	1200	230/460/796	404T	--	87.5	122/61.0/35.3	36.5	911	--	M6	\$ 6,325.87
OWP404T-50-8	50	900	230/460/796	404T	--	88.5	134/67/39	36.5	895	--	M6	\$ 7,108.92
OWP405T-60-6	60	1200	230/460/796	405T	--	88.0	148/74.0/42.8	38.0	1001	--	M6	\$ 6,443.89
OWP405T-60-8	60	900	230/460/796	405T	--	89.5	160/80/46	38.0	1025	--	M6	\$ 8,714.16
OWP444T-75-6	75	1200	230/460/796	444T	--	90.0	178/89.0/51.4	44.3	1258	--	M6	\$ 8,117.93
OWP444T-75-8	75	900	230/460/796	444T	--	91.7	191/95.5/55	44.3	1328	--	M6	\$ 13,896.79
OWP445T-100-6	100	1200	230/460/796	445T	--	90.5	234/117/67.6	44.3	1390	--	M6	\$ 10,823.90
OWP445T-100-8	100	900	230/460/796	445T	--	91.7	250/125/72	44.3	1614	--	M6	\$ 14,493.02
OWP447T-125-6	125	1200	460/796	447T	--	92.5	147/84.9	47.8	1850	--	M6	\$ 16,874.33
OWP449T-150-6	150	1200	460/796	449T	--	93.2	180/104	52.8	1980	--	M6	\$ 16,969.68

Performance Data on p. 76
Dimensions on p. 104
Warranty on p. 116

Oil Well Pump

Three-Phase, 254T—444T Frame
Open Drip Proof (ODP)
Inverter Duty (20:1 VT; 10:1 CT)
NEMA Design D—High Torque / High Slip (5—8%)

7.5 HP—100 HP
OIL WELL PUMP
CAST IRON

INVERTER DUTY (20:1 VT; 10:1 CT)
254T—444T FRAME
THREE-PHASE
ODP

Standard Features Include:

- ① 7.5 HP—100 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz
- ③ Regreasable Open Bearings 254T Frame and Above;
Mechanical Oil Seal on Both Ends for 254T Frame and Above
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design D Performance
- ⑧ High Torque / High Slip (5—8%)
- ⑨ Thermistors in the Windings
- ⑩ Dual Voltage Ratings Suitable for Part Wind Start on 230V
- ⑪ Corrosion Resistant Epoxy Paint
- ⑫ Lifting Provision
- ⑬ Condensation Drains with Plugs
- ⑭ Cast Iron Frame Construction
- ⑮ Windings Rated for 2200V Peak Voltage Spikes
- ⑯ IP23 Protection
- ⑰ Two (2) Year Warranty (Extended Warranty Available)

1200 RPM IN STOCK!



APPLICATIONS:

Designed specifically for use on Oil Well Pumping Units. Suitable for use with variable frequency drives.

OIL WELL
DESIGN D

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
OWP254T-7.5-6-ODP	7.5	1200	230/460/796	254T	--	78.5	29.0/14.5/8.4	22.2	217	--	M6	\$ 1,680.00
OWP256T-10-6-ODP	10	1200	230/460/796	256T	--	81.5	36.0/18.0/10.4	22.2	238	--	M6	\$ 1,876.00
OWP284T-15-6-ODP	15	1200	230/460/796	284T	--	82.5	44.0/22.0/12.7	24.8	341	--	M6	\$ 2,548.00
OWP286T-20-6-ODP	20	1200	230/460/796	286T	--	85.5	56.0/28.0/16.2	24.8	370	--	M6	\$ 3,136.00
OWP324T-25-6-ODP	25	1200	230/460/796	324T	--	86.5	68.0/34.0/19.6	27.1	466	--	M6	\$ 2,889.43
OWP326T-30-6-ODP	30	1200	230/460/796	326T	--	86.5	82.0/41.0/23.7	27.1	488	--	M6	\$ 3,393.02
OWP365T-40-6-ODP	40	1200	230/460/796	365T	--	87.5	112/56.0/32.4	29.3	660	--	M6	\$ 4,448.81
OWP404T-50-6-ODP	50	1200	230/460/796	404T	--	88.5	128/64.0/37.0	33.3	878	--	M6	\$ 5,870.59
OWP405T-60-6-ODP	60	1200	230/460/796	405T	--	88.5	152/76.0/43.9	33.3	911	--	M6	\$ 5,962.32
OWP405T-75-6-ODP	75	1200	230/460/796	405T	--	89.5	183/91.5/52.9	22.3	963	--	M6	\$ 8,026.20
OWP444T-100-6-ODP	100	1200	230/460/796	444T	--	90.2	248/124/71.7	39.5	1576	--	M6	\$ 10,364.35

Performance Data on p. 77
Dimensions on p. 105
Warranty on p. 116

VHS—V1 Series Cast Iron/Plate Steel

Three-Phase, 215TP—5008P Frame

Open Weather-Protected Machine Type 1—WP1

Inverter Rated (10:1 VT)

High / Extra High Thrust

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V1 SERIES

Standard Features Include:

- ① 10 HP—500 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz
- ③ Oversized Angular Contact Bearing and Ball Bearing
 - High Thrust (10 HP—250 HP)
 - Extra High Thrust / Double Stacked Bearing Available (100 HP—500 HP)
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40°C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance
- ⑧ Enclosure: WP1—Open Weather-Protected Machine Type 1
- ⑨ Non-Reverse Ratchet (Ball Type)
- ⑩ Dual Voltage Ratings Suitable for Part Wind Start at 230V;
Single Voltage Ratings are Suitable for Part Wind Start at 460V
- ⑪ Oil Bath with Large Reservoir (40 HP—500 HP)
- ⑫ Cast Iron / Plate Steel Frame Construction
- ⑬ Light Weight Hood for Easy Access
- ⑭ Space Heaters
- ⑮ Resistance Temperature Detector (RTD) (300 HP—500 HP)
- ⑯ Thermal Protected
- ⑰ Corrosion Resistant Epoxy Paint
- ⑱ Lifting Provisions
- ⑲ Two (2) Year Warranty (Extended Warranty Available)
- ⑳ Parts and Accessories Available⁵



APPLICATIONS:

Designed primarily for deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V1-10D4-W21510A	10	1800	230/460	215TP	VHS	91.7	24.4/12.2	17.6	10.0	2500	1.000	0.250	366	1	M15	\$ 3,437.50
V1-15D4-W25410A	15	1800	230/460	254TP	VHS	93.0	34.6/17.3	23.4	10.0	3200	1.000	0.250	595	1	M15	\$ 4,290.00
V1-20D4-W25610A	20	1800	230/460	256TP	VHS	93.0	47/23.5	23.4	10.0	3200	1.000	0.250	595	1	M15	\$ 4,895.00
V1-25D4-W28410A	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.000	0.250	668	1	M15	\$ 5,362.59
V1-25D4-W28410B	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.188	0.250	668	1	M15	\$ 5,362.59
V1-30D4-W28610A	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.000	0.250	698	1	M15	\$ 5,687.44
V1-30D4-W28610B	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.188	0.250	698	1	M15	\$ 5,687.44
V1-30D4-W28616B	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	16.5	3200	1.188	0.250	698	1	M15	\$ 5,687.44
V1-40D4-W32416A	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.250	0.250	860	1	M15	\$ 7,082.99
V1-40D4-W32416B	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.188	0.250	860	1	M15	\$ 7,082.99
V1-40S4-W32416A	40	1800	460	324TP	VHS	94.1	46	28.2	16.5	5500	1.250	0.250	860	2	M15	\$ 7,082.99
V1-50D4-W32616A	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.250	0.250	910	1	M15	\$ 7,994.80
V1-50D4-W32616B	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.188	0.250	910	1	M15	\$ 7,994.80
V1-50S4-W32616A	50	1800	460	326TP	VHS	94.5	56.4	28.2	16.5	5500	1.250	0.250	910	2	M15	\$ 7,994.80
V1-60D4-W36416A	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.250	0.250	1179	1	M15	\$ 8,450.20
V1-60D4-W36416B	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.188	0.250	1179	1	M15	\$ 8,450.20
V1-60S4-W36416A	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.250	0.250	1179	2	M15	\$ 8,450.20
V1-60S4-W36416B	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.188	0.250	1179	2	M15	\$ 8,450.20
V1-75D4-W36516A	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.250	0.250	1210	1	M15	\$ 10,879.00
V1-75D4-W36516B	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.188	0.250	1210	1	M15	\$ 10,879.00
V1-75S4-W36516A	75	1800	460	365TP	VHS	95.0	85	31.2	16.5	5600	1.250	0.250	1210	2	M15	\$ 10,879.00
V1-75S4-W36516B	75	1800	460	365TP	VHS	95.0	85	31.2	16.5	5600	1.188	0.250	1210	2	M15	\$ 10,879.00

¹ Suitable for Part Wind Start on 230V ⁴ Extra High Thrust, Double Stacked Bearing Design

² Suitable for Part Wind Start on 460V ⁵ Please reference pp. 51—52 for parts and accessories, or contact us at 800-884-0404 for assistance.

³ Zinc Plate Steel Frame Construction

Accessories on p. 51
Motor Couplings on p. 52
Performance on p. 78
Dimensions on p. 106
Warranty on p. 116

VHS—V1 Series Cast Iron/Plate Steel
Three-Phase, 215TP—5008P Frame
Open Weather-Protected Machine Type 1—WP1
Inverter Rated (10:1 VT)
High / Extra High Thrust

10 HP—500 HP
VERTICAL HOLLOW SHAFT
INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V1 SERIES

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V1-100D4-W40416A	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.500	0.375	1726	1	M15	\$ 13,662.00
V1-100D4-W40416B	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.188	0.250	1726	1	M15	\$ 13,662.00
V1-100S4-W40416A	100	1800	460	404TP	VHS	95.4	112.0	36.9	16.5	6700	1.500	0.375	1726	2	M15	\$ 13,662.00
V1-100S4-W40416A-EHT	100	1800	460	404TP	VHS	95.4	112.0	36.9	16.5	13400	1.500	0.375	1726	2,4	M15	\$ 15,250.00
V1-125S4-W40516A	125	1800	460	405TP	VHS	95.4	139.0	36.9	16.5	6700	1.500	0.375	1782	2	M15	\$ 14,674.00
V1-125S4-W40516A-EHT	125	1800	460	405TP	VHS	95.4	139.0	36.9	16.5	13400	1.500	0.375	1782	2,4	M15	\$ 16,192.00
V1-150S4-W44416A	150	1800	460	444TP	VHS	95.8	165.0	44.8	16.5	7200	1.690	0.375	1984	2	M15	\$ 17,608.80
V1-150S4-W44416A-EHT	150	1800	460	444TP	VHS	95.8	165.0	44.8	16.5	14400	1.690	0.375	1984	2,4	M15	\$ 19,379.80
V1-200S4-W44516A	200	1800	460	445TP	VHS	95.8	221.0	44.8	16.5	7200	1.690	0.375	2099	2	M15	\$ 25,401.20
V1-200S4-W44516A-EHT	200	1800	460	445TP	VHS	95.8	221.0	44.8	16.5	14400	1.690	0.375	2099	2,4	M15	\$ 27,020.40
V1-250S4-W44516A	250	1800	460	445TP	VHS	95.8	276.0	44.8	16.5	7200	1.938	0.500	2206	2	M15	\$ 28,231.60
V1-250S4-W44516A-EHT	250	1800	460	445TP	VHS	95.8	276.0	44.8	16.5	14400	1.938	0.500	2206	2,4	M15	\$ 30,226.00
V1-300S4-W500624A-EHT	300	1800	460	5006P	VHS	95.8	328.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 40,510.80
V1-350S4-W500624A-EHT	350	1800	460	5006P	VHS	95.8	379.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 44,213.40
V1-400S4-W500824A-EHT	400	1800	460	5008P	VHS	95.8	437.0	53.9	24.5	24000	1.938	0.500	3955	2,3,4	M15	\$ 50,747.40
V1-450S4-W500824A-EHT	450	1800	460	5008P	VHS	96.2	489.0	53.9	24.5	24000	1.938	0.500	4193	2,3,4	M15	\$ 56,845.80
V1-500S4-W500824A-EHT	500	1800	460	5008P	VHS	96.2	544.0	53.9	24.5	24000	2.188	0.500	4369	2,3,4	M15	\$ 64,904.40

¹ Suitable for Part Wind Start on 230V

² Suitable for Part Wind Start on 460V

³ Zinc Plate Steel Frame Construction

⁴ Extra High Thrust, Double Stacked Bearing Design

⁵ Please reference pp. 51—52 for parts and accessories, or contact us at 800-884-0404 for assistance.

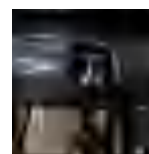
Accessories on p. 51
 Motor Couplings on p. 52
 Performance on p. 78
 Dimensions on p. 106
 Warranty on p. 116



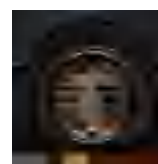
V1 SERIES—
INVERTER RATED (10:1 VT)



LIGHTWEIGHT HOOD



OIL PLUG



SIGHT GAUGE

**VERTICAL
HOLLOW
SHAFT**

VHS—V2 Series Cast Iron/Plate Steel

Three-Phase, 215TP—5008P Frame

Open Weather-Protected Machine Type 1—WP1

Inverter Duty (20:1 VT)

High / Extra High Thrust

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V2 SERIES

Standard Features Include:

- ① 10 HP—500 HP in Stock
- ② 1.15 Service Factor @ 60 Hertz
- ③ Oversized Angular Contact Bearing and Ball Bearing;
Insulated Bearing Mount (40 HP—500 HP)
 - High Thrust (10 HP—250 HP)
 - Extra High Thrust / Double Stacked Bearing Available (100 HP—500 HP)
- ④ Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ⑤ 40° C Ambient Continuous Duty
- ⑥ Stainless Steel Nameplate and Zinc Plate Hardware
- ⑦ NEMA Design B Performance
- ⑧ Enclosure: WP1—Open Weather-Protected Machine Type 1
- ⑨ Non-Reverse Ratchet (Ball Type)
- ⑩ Dual Voltage Ratings Suitable for Part Wind Start at 230V;
Single Voltage Ratings are Suitable for Part Wind Start at 460V
- ⑪ Oil Bath with Large Reservoir (40 HP—500 HP)
- ⑫ Cast Iron / Plate Steel Frame Construction
- ⑬ Light Weight Hood for Easy Access
- ⑭ Space Heaters
- ⑮ Resistance Temperature Detector (RTD) (300 HP—500 HP)
- ⑯ Thermal Protected
- ⑰ Windings Rated for 2200V Peak Voltage Spikes
- ⑱ Corrosion Resistant Epoxy Paint
- ⑲ Lifting Provisions
- ⑳ Two (2) Year Warranty (Extended Warranty Available)
- Parts and Accessories Available⁵



UL US

ISO 9001
CS US

APPLICATIONS:

Designed primarily for deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads. Recommended for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V2-10D4-W21510A	10	1800	230/460	215TP	VHS	91.7	24.4/12.2	17.6	10.0	2500	1.000	0.250	366	1	M15	\$ 3,609.10
V2-15D4-W25410A	15	1800	230/460	254TP	VHS	93.0	34.6/17.3	23.4	10.0	3200	1.000	0.250	595	1	M15	\$ 4,504.50
V2-20D4-W25610A	20	1800	230/460	256TP	VHS	93.0	47/23.5	23.4	10.0	3200	1.000	0.250	595	1	M15	\$ 5,140.30
V2-25D4-W28410A	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.000	0.250	668	1	M15	\$ 5,630.77
V2-25D4-W28410B	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.188	0.250	668	1	M15	\$ 5,630.77
V2-30D4-W28610A	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.000	0.250	698	1	M15	\$ 5,971.81
V2-30D4-W28610B	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.188	0.250	698	1	M15	\$ 5,971.81
V2-40D4-W32416A	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.250	0.250	860	1	M15	\$ 7,437.19
V2-40D4-W32416B	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.188	0.250	860	1	M15	\$ 7,437.19
V2-40S4-W32416A	40	1800	460	324TP	VHS	94.1	46.0	28.2	16.5	5500	1.250	0.250	860	2	M15	\$ 7,437.19
V2-50D4-W32616A	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.250	0.250	910	1	M15	\$ 8,394.54
V2-50D4-W32616B	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.188	0.250	910	1	M15	\$ 8,394.54
V2-50S4-W32616A	50	1800	460	326TP	VHS	94.5	56.4	28.2	16.5	5500	1.250	0.250	910	2	M15	\$ 8,394.54
V2-60D4-W36416A	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.250	0.250	1179	1	M15	\$ 8,873.22
V2-60D4-W36416B	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.188	0.250	1179	1	M15	\$ 8,873.22
V2-60S4-W36416A	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.250	0.250	1179	2	M15	\$ 8,873.22
V2-60S4-W36416B	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.188	0.250	1179	2	M15	\$ 8,873.22
V2-75D4-W36516A	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.250	0.250	1210	1	M15	\$ 11,423.46
V2-75D4-W36516B	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.188	0.250	1210	1	M15	\$ 11,423.46
V2-75S4-W36516A	75	1800	460	365TP	VHS	95.0	85.0	31.2	16.5	5600	1.250	0.250	1210	2	M15	\$ 11,423.46
V2-75S4-W36516B	75	1800	460	365TP	VHS	95.0	85.0	31.2	16.5	5600	1.188	0.250	1210	2	M15	\$ 11,423.46

¹ Suitable for Part Wind Start on 230V

⁴ Extra High Thrust, Double Stacked Bearing Design

² Suitable for Part Wind Start on 460V

⁵ Please reference pp. 51—52 for parts and accessories, or contact us at 800-884-0404 for assistance.

³ Zinc Plate Steel Frame Construction

Accessories on p. 51
Motor Couplings on p. 52
Performance on p. 79
Dimensions on p. 107
Warranty on p. 116

VHS—V2 Series Cast Iron/Plate Steel
Three-Phase, 215TP—5008P Frame
Open Weather-Protected Machine Type 1—WP1
Inverter Duty (20:1 VT)
High / Extra High Thrust

10 HP—500 HP
VERTICAL HOLLOW SHAFT
INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN DRIP PROOF—WP1
THREE-PHASE
V2 SERIES

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V2-100D4-W40416A	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.500	0.375	1726	1	M15	\$ 14,445.10
V2-100D4-W40416B	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.188	0.250	1726	1	M15	\$ 14,445.10
V2-100S4-W40416A	100	1800	460	404TP	VHS	95.4	112.0	36.9	16.5	6700	1.500	0.375	1726	2	M15	\$ 14,445.10
V2-100S4-W40416A-EHT	100	1800	460	404TP	VHS	95.4	112.0	36.9	16.5	13400	1.500	0.375	1726	2,4	M15	\$ 16,075.00
V2-125S4-W40516A	125	1800	460	405TP	VHS	95.4	139.0	36.9	16.5	6700	1.500	0.375	1782	2	M15	\$ 15,507.20
V2-125S4-W40516A-EHT	125	1800	460	405TP	VHS	95.4	139.0	36.9	16.5	13400	1.500	0.375	1782	2,4	M15	\$ 17,001.60
V2-150S4-W44416A	150	1800	460	444TP	VHS	95.8	165.0	44.8	16.5	7200	1.690	0.375	1984	2	M15	\$ 18,489.24
V2-150S4-W44416A-EHT	150	1800	460	444TP	VHS	95.8	165.0	44.8	16.5	14400	1.690	0.375	1984	2,4	M15	\$ 20,348.79
V2-200S4-W44516A	200	1800	460	445TP	VHS	95.8	221.0	44.8	16.5	7200	1.690	0.375	2099	2	M15	\$ 26,671.26
V2-200S4-W44516A-EHT	200	1800	460	445TP	VHS	95.8	221.0	44.8	16.5	14400	1.690	0.375	2099	2,4	M15	\$ 28,371.42
V2-250S4-W44516A	250	1800	460	445TP	VHS	95.8	276.0	44.8	16.5	7200	1.938	0.500	2206	2	M15	\$ 29,643.18
V2-250S4-W44516A-EHT	250	1800	460	445TP	VHS	95.8	276.0	44.8	16.5	14400	1.938	0.500	2206	2,4	M15	\$ 31,737.30
V2-300S4-W500624A-EHT	300	1800	460	5006P	VHS	95.8	328.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 42,536.34
V2-350S4-W500624A-EHT	350	1800	460	5006P	VHS	95.8	379.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 46,424.07
V2-400S4-W500824A-EHT	400	1800	460	5008P	VHS	95.8	437.0	53.9	24.5	24000	1.938	0.500	3955	2,3,4	M15	\$ 53,284.77
V2-450S4-W500824A-EHT	450	1800	460	5008P	VHS	96.2	489.0	53.9	24.5	24000	1.938	0.500	4193	2,3,4	M15	\$ 59,688.09
V2-500S4-W500824A-EHT	500	1800	460	5008P	VHS	96.2	544.0	53.9	24.5	24000	2.188	0.500	4369	2,3,4	M15	\$ 68,149.62

¹ Suitable for Part Wind Start on 230V

⁴ Extra High Thrust, Double Stacked Bearing Design

² Suitable for Part Wind Start on 460V

⁵ Please reference pp. 51—52 for parts and accessories, or contact us at 800-884-0404 for assistance.

³ Zinc Plate Steel Frame Construction

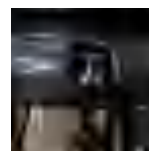
Accessories on p. 51
 Motor Couplings on p. 52
 Performance on p. 79
 Dimensions on p. 107
 Warranty on p. 116



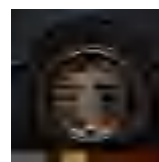
V2 SERIES—
INVERTER DUTY (20:1 VT)



LIGHTWEIGHT HOOD



OIL PLUG



SIGHT GAUGE

**VERTICAL
HOLLOW
SHAFT**

Rotary Phase Converter Motor

Three-Phase, 182T—364T Frame

Totally Enclosed Fan Cooled (TEFC)

Spike Resistant Wire

3 HP—60 HP ROTARY PHASE CONVERTER MOTOR CAST IRON

182T—364T FRAME

THREE-PHASE

TEFC

Standard Features Include:

- ❶ 3 HP—60 HP in Stock
- ❷ 1.15 Service Factor @ 60 Hertz
- ❸ Sealed Bearings Through 215T Frame;
Regreasable Open Bearings 254T Frame and Above
- ❹ Class F Insulation System; Class B Rise at Full Load
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- ❺ 40° C Ambient Continuous Duty
- ❻ Stainless Steel Nameplate and Zinc Plate Hardware
- ❼ Feet are Dual Drilled for Mounting Flexibility
- ❽ Spike Resistant Inverter Duty Wire
- ❾ Corrosion Resistant Epoxy Paint
- ❿ F1 / F2 Reversible
- ⓫ Lifting Provisions on 143 Frame and Above
- ⓬ Condensation Drains with Plugs
- ⓭ Windings Rated for 2200V Peak Voltage Spikes
- ⓮ IP55 Protection
- ⓯ Two (2) Year Warranty



APPLICATIONS:

Specifically designed without shafts for use with rotary phase converters to run three phase equipment from single phase power. This is a rotary phase converter unit. This is NOT a complete phase converter system.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"C" Dim.	Weight (lbs.)	Notes	Mult. Symbol	List Price
PC182T-3-4	3	1800	208-230/460	182	--	89.5	9.7-8.8/4.4	12.4	80	--	M19	\$ 527.52
PC184T-5-4	5	1800	208-230/460	184	--	89.5	14.8-13.4/6.7	13.4	88	--	M19	\$ 568.96
PC213T-7.5-4	7.5	1800	208-230/460	213	--	91.7	21-19/9.5	15.5	145	--	M19	\$ 784.00
PC215T-10-4	10	1800	208-230/460	215	--	91.7	27.2-24.6/12.3	17.0	165	--	M19	\$ 904.96
PC254T-15-4	15	1800	208-230/460	254	--	92.4	40.5-36.6/18.3	19.2	260	--	M19	\$ 1,342.88
PC256T-20-4	20	1800	208-230/460	256	--	93.0	53.5-48.4/24.2	21.0	308	--	M19	\$ 1,525.44
PC284T-25-4	25	1800	208-230/460	284	--	93.6	66.3-60/30	22.0	378	--	M19	\$ 1,812.74
PC286T-30-4	30	1800	208-230/460	286	--	93.6	78.1-70.6/35.3	23.5	378	--	M19	\$ 1,973.61
PC324T-40-4	40	1800	208-230/460	324	--	94.1	103.3-93.4/46.7	24.6	498	--	M19	\$ 2,574.03
PC326T-50-4	50	1800	208-230/460	326	--	94.5	128.9-116.6/58.3	26.1	570	--	M19	\$ 3,291.27
PC364T-60-4	60	1800	208-230/460	364	--	95.0	154.8-140/70	26.6	860	--	M19	\$ 4,347.50

NOTE: This is NOT a complete phase converter system

Performance Data on p. 80
Dimensions on p. 108
Warranty on p. 116

Shaft Mount Gear Reducer

Direct "Drop In" for Dodge® - TXT style

2—10 BOX SIZE SHAFT MOUNT REDUCER

15:1 or 25:1 RATIO

Standard Features Include:

- ❶ 2—10 Box Size in Stock
- ❷ 15:1 or 25:1 Ratio
- ❸ High Quality Bearings
- ❹ Double Lip Seals
- ❺ Case Hardened Steel Shafts & Gears
- ❻ Tapered Bore
- ❼ Meets or Exceeds AGMA 9 Standards
- ❽ Computerized Design & Construction
- ❾ Screw Conveyor Adaptable
- ❿ Torque Arm Included
- ⓫ CEMA Adapter Bolt Holes
- ⓬ Corrosion Resistant Epoxy Paint
- ⓭ Two (2) Year Warranty



Model Number	Box Size	Ratio	Output Bore (Max)	Weight (lbs.)	Mult. Symbol	List Price
NBS-115-2-15	2	15:1	1-15/16"	58	M21	\$ 1,039.66
NBS-115-2-25	2	25:1	1-15/16"	58	M21	\$ 1,039.66
NBS-203-3-15	3	15:1	2-3/16"	98	M21	\$ 1,658.16
NBS-203-3-25	3	25:1	2-3/16"	98	M21	\$ 1,658.16
NBS-207-4-15	4	15:1	2-7/16"	139	M21	\$ 2,354.94
NBS-207-4-25	4	25:1	2-7/16"	139	M21	\$ 2,354.94
NBS-215-5-15	5	15:1	2-15/16"	207	M21	\$ 2,921.63
NBS-215-5-25	5	25:1	2-15/16"	207	M21	\$ 2,921.63
NBS-307-6-15	6	15:1	3-7/16"	285	M21	\$ 4,103.51
NBS-307-6-25	6	25:1	3-7/16"	285	M21	\$ 4,103.51
NBS-315-7-15	7	15:1	3-15/16"	462	M21	\$ 8,237.88
NBS-315-7-25	7	25:1	3-15/16"	462	M21	\$ 8,237.88
NBS-407-8-15	8	15:1	4-7/16"	633	M21	\$ 14,007.26
NBS-407-8-25	8	25:1	4-7/16"	633	M21	\$ 14,007.26
NBS-415-9-15	9	15:1	4-15/16"	760	M21	\$ 18,380.88
NBS-415-9-25	9	25:1	4-15/16"	760	M21	\$ 18,380.88
NBS-507-10-15	10	15:1	5-7/16"	1020	M21	\$ 24,304.61
NBS-507-10-25	10	25:1	5-7/16"	1020	M21	\$ 24,304.61

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Accessories on pp. 46—50
Dimensions on p. 109
Class Charts on pp. 105—107
Oil Levels on p. 108
Warranty on p. 116

Standard Features Include:

① 1-7/16"—5-7/16" Size in Stock

1-7/16"—5-7/16" SIZE
BUSHING KIT

Model Number	Description	Box Size	Bushing Size	Mult. Symbol	List Price
NBS-BK-2-1.0716	Bushing Kit	Size 2 Box	Bushing Size - 1-7/16"	M22	\$ 160.60
NBS-BK-2-1.1116	Bushing Kit	Size 2 Box	Bushing Size - 1-11/16"	M22	\$ 160.60
NBS-BK-2-1.1516	Bushing Kit	Size 2 Box	Bushing Size - 1-15/16"	M22	\$ 160.60
NBS-BK-3-1.1516	Bushing Kit	Size 3 Box	Bushing Size - 1-15/16"	M22	\$ 195.80
NBS-BK-3-2.0000	Bushing Kit	Size 3 Box	Bushing Size - 2"	M22	\$ 195.80
NBS-BK-3-2.0316	Bushing Kit	Size 3 Box	Bushing Size - 2-3/16"	M22	\$ 195.80
NBS-BK-4-1.1516	Bushing Kit	Size 4 Box	Bushing Size - 1-15/16"	M22	\$ 271.70
NBS-BK-4-2.0316	Bushing Kit	Size 4 Box	Bushing Size - 2-3/16"	M22	\$ 271.70
NBS-BK-4-2.0716	Bushing Kit	Size 4 Box	Bushing Size - 2-7/16"	M22	\$ 271.70
NBS-BK-5-2.0716	Bushing Kit	Size 5 Box	Bushing Size - 2-7/16"	M22	\$ 375.10
NBS-BK-5-2.0102	Bushing Kit	Size 5 Box	Bushing Size - 2-1/2"	M22	\$ 375.10
NBS-BK-5-2.1516	Bushing Kit	Size 5 Box	Bushing Size - 2-15/16"	M22	\$ 375.10
NBS-BK-6-2.1516	Bushing Kit	Size 6 Box	Bushing Size - 2-15/16"	M22	\$ 488.40
NBS-BK-6-3.0716	Bushing Kit	Size 6 Box	Bushing Size - 3-7/16"	M22	\$ 488.40
NBS-BK-7-3.0716	Bushing Kit	Size 7 Box	Bushing Size - 3-7/16"	M22	\$ 655.60
NBS-BK-7-3.1516	Bushing Kit	Size 7 Box	Bushing Size - 3-15/16"	M22	\$ 655.60
NBS-BK-8-3.0716	Bushing Kit	Size 8 Box	Bushing Size - 3-7/16"	M22	\$ 796.40
NBS-BK-8-3.1516	Bushing Kit	Size 8 Box	Bushing Size - 3-15/16"	M22	\$ 796.40
NBS-BK-8-4.0716	Bushing Kit	Size 8 Box	Bushing Size - 4-7/16"	M22	\$ 796.40
NBS-BK-9-3.0716	Bushing Kit	Size 9 Box	Bushing Size - 3-7/16"	M22	\$ 935.00
NBS-BK-9-3.1516	Bushing Kit	Size 9 Box	Bushing Size - 3-15/16"	M22	\$ 935.00
NBS-BK-9-4.0716	Bushing Kit	Size 9 Box	Bushing Size - 4-7/16"	M22	\$ 935.00
NBS-BK-10-3.1516	Bushing Kit	Size 10 Box	Bushing Size - 3-15/16"	M22	\$ 1,421.20
NBS-BK-10-4.0716	Bushing Kit	Size 10 Box	Bushing Size - 4-7/16"	M22	\$ 1,421.20
NBS-BK-10-4.1516	Bushing Kit	Size 10 Box	Bushing Size - 4-15/16"	M22	\$ 1,421.20
NBS-BK-10-5.0716	Bushing Kit	Size 10 Box	Bushing Size - 5-7/16"	M22	\$ 1,421.20

Standard Features Include:

- ① 2—10 Box Size in Stock

2—10 BOX SIZE
BACKSTOPS

Model Number	Description	Box Size	Frame	Mult. Symbol	List Price
NBS-BSA-2	Backstop Assembly Kit	Size 2 Box	--	M22	\$ 256.30
NBS-BSA-3	Backstop Assembly Kit	Size 3 Box	--	M22	\$ 326.70
NBS-BSA-4	Backstop Assembly Kit	Size 4 Box	--	M22	\$ 326.70
NBS-BSA-5	Backstop Assembly Kit	Size 5 Box	--	M22	\$ 389.40
NBS-BSA-6	Backstop Assembly Kit	Size 6 Box	--	M22	\$ 739.20
NBS-BSA-7	Backstop Assembly Kit	Size 7 Box	--	M22	\$ 739.20
NBS-BSA-8	Backstop Assembly Kit	Size 8 Box	--	M22	\$ 1,619.20
NBS-BSA-9	Backstop Assembly Kit	Size 9 Box	--	M22	\$ 1,619.20
NBS-BSA-10	Backstop Assembly Kit	Size 10 Box	--	M22	\$ 2,461.80

Standard Features Include:

- ① 2—10 Box Size in Stock
- ② Corrosion Resistant Epoxy Paint

2—10 BOX SIZE
MOTOR MOUNTS

Model Number	Description	Box Size	Motor Size	Mult. Symbol	List Price
NBS-MM-2	Motor Mount	Size 2 Box	56 - 215T Frames	M22	\$ 464.20
NBS-MM-3	Motor Mount	Size 3 Box	56 - 215T Frames	M22	\$ 477.40
NBS-MM-4	Motor Mount	Size 4 Box	143T - 286T Frames	M22	\$ 744.70
NBS-MM-5	Motor Mount	Size 5 Box	143T - 286T Frames	M22	\$ 744.70
NBS-MM-6	Motor Mount	Size 6 Box	143T - 326T Frames	M22	\$1,036.20
NBS-MM-7	Motor Mount	Size 7 Box	143T - 365T Frames	M22	\$1,112.10
NBS-MM-8	Motor Mount	Size 8 Box	213T - 365T Frames	M22	\$1,334.30
NBS-MM-9	Motor Mount	Size 9 Box	213T - 365T Frames	M22	\$1,334.30
NBS-MM-10	Motor Mount	Size 10 Box	254T - 365T Frames	M22	\$1,391.50

Dimensions on p. 110

Standard Features Include:

- 1 2—10 Box Size in Stock

2—10 BOX SIZE
TORQUE ARMS

Model Number	Description	Size	Frame	Mult. Symbol	List Price
NBS-TA-2	Torque Arm	Size 2 Box	--	M22	\$111.10
NBS-TA-3	Torque Arm	Size 3 Box	--	M22	\$111.10
NBS-TA-4	Torque Arm	Size 4 Box	--	M22	\$201.30
NBS-TA-5	Torque Arm	Size 5 Box	--	M22	\$201.30
NBS-TA-6	Torque Arm	Size 6 Box	--	M22	\$261.80
NBS-TA-7	Torque Arm	Size 7 Box	--	M22	\$391.60
NBS-TA-8	Torque Arm	Size 8 Box	--	M22	\$496.10
NBS-TA-9	Torque Arm	Size 9 Box	--	M22	\$520.30
NBS-TA-10	Torque Arm	Size 10 Box	--	M22	\$586.30

Dimensions on p. 103

Standard Features Include:

- 1 2—10 Box Size in Stock
- 2 Corrosion Resistant Epoxy Paint

2—10 BOX SIZE
BELT GUARD

Model Number	Description	Size	Frame	Mult. Symbol	List Price
NBS-BG-2	Belt Guard	Size 2 Box	--	M22	\$ 464.20
NBS-BG-3	Belt Guard	Size 3 Box	--	M22	\$ 528.00
NBS-BG-4	Belt Guard	Size 4 Box	--	M22	\$ 605.00
NBS-BG-5	Belt Guard	Size 5 Box	--	M22	\$ 667.70
NBS-BG-6	Belt Guard	Size 6 Box	--	M22	\$ 760.10
NBS-BG-7	Belt Guard	Size 7 Box	--	M22	\$ 894.30
NBS-BG-8	Belt Guard	Size 8 Box	--	M22	\$1,052.70
NBS-BG-9	Belt Guard	Size 9 Box	--	M22	\$1,300.20
NBS-BG-10	Belt Guard	Size 10 Box	--	M22	\$1,496.00

Standard Features Include:

- ① 2—7 Box Size in Stock

2—7 BOX SIZE SCREW CONVEYOR ADAPTOR FLANGES



Model Number	Description	Box Size		Mult. Symbol	List Price
NBS-SCA-2-FLANGE	Screw Conveyor Adaptor Flange	Size 2 Box		M22	\$ 709.50
NBS-SCA-3-FLANGE	Screw Conveyor Adaptor Flange	Size 3 Box		M22	\$ 837.10
NBS-SCA-4-FLANGE	Screw Conveyor Adaptor Flange	Size 4 Box		M22	\$ 1,024.10
NBS-SCA-5-FLANGE	Screw Conveyor Adaptor Flange	Size 5 Box		M22	\$ 1,126.40
NBS-SCA-6-FLANGE	Screw Conveyor Adaptor Flange	Size 6 Box		M22	\$ 1,470.70
NBS-SCA-7-FLANGE	Screw Conveyor Adaptor Flange	Size 7 Box		M22	\$ 2,088.90

2—7 BOX SIZE DRIVE SHAFTS 1-1/2"—3-7/16"

Model Number	Description	Box Size		Mult. Symbol	List Price
NBS-SCA-2-DS-1.5000	1 1/2" Screw Conveyor Adaptor Drive Shaft	Size 2 Box		M22	\$ 372.90
NBS-SCA-2-DS-2.0000	2" Screw Conveyor Adaptor Drive Shaft	Size 2 Box		M22	\$ 372.90
NBS-SCA-2-DS-3.0000	3" Screw Conveyor Adaptor Drive Shaft	Size 2 Box		M22	\$ 488.40
NBS-SCA-3-DS-2.0000	2" Screw Conveyor Adaptor Drive Shaft	Size 3 Box		M22	\$ 514.80
NBS-SCA-3-DS-3.0000	3" Screw Conveyor Adaptor Drive Shaft	Size 3 Box		M22	\$ 514.80
NBS-SCA-4-DS-2.0000	2" Screw Conveyor Adaptor Drive Shaft	Size 4 Box		M22	\$ 616.00
NBS-SCA-4-DS-3.0000	3" Screw Conveyor Adaptor Drive Shaft	Size 4 Box		M22	\$ 616.00
NBS-SCA-5-DS-2.0000	2" Screw Conveyor Adaptor Drive Shaft	Size 5 Box		M22	\$ 789.80
NBS-SCA-5-DS-3.0000	3" Screw Conveyor Adaptor Drive Shaft	Size 5 Box		M22	\$ 789.80
NBS-SCA-6-DS-3.0000	3" Screw Conveyor Adaptor Drive Shaft	Size 6 Box		M22	\$ 1,334.30
NBS-SCA-6-DS-3.4375	3 7/16" Screw Conveyor Adaptor Drive Shaft	Size 6 Box		M22	\$ 1,334.30
NBS-SCA-7-DS-3.0000	3" Screw Conveyor Adaptor Drive Shaft	Size 7 Box		M22	\$ 1,670.90
NBS-SCA-7-DS-3.4375	3 7/16" Screw Conveyor Adaptor Drive Shaft	Size 7 Box		M22	\$ 1,670.90



Repair Kit 1



Repair Kit 2



Repair Kit 3

Model Number	Box Size	Description	Mult. Symbol	List Price
NBS-RK1-2	2	KIT1 include all seals, gaskets, and bearings	M22	\$ 134.20
NBS-RK2-215	2	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 335.50
NBS-RK2-225	2	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 335.50
NBS-RK3-215	2	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 556.60
NBS-RK3-225	2	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 556.60
NBS-RK1-3	3	KIT1 include all seals, gaskets, and bearings	M22	\$ 286.00
NBS-RK2-315	3	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 535.70
NBS-RK2-325	3	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 535.70
NBS-RK3-315	3	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 774.40
NBS-RK3-325	3	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 774.40
NBS-RK1-4	4	KIT1 include all seals, gaskets, and bearings	M22	\$ 358.60
NBS-RK2-415	4	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 773.30
NBS-RK2-425	4	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 773.30
NBS-RK3-415	4	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 1,438.80
NBS-RK3-425	4	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 1,438.80
NBS-RK1-5	5	KIT1 include all seals, gaskets, and bearings	M22	\$ 482.90
NBS-RK2-515	5	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 1,037.30
NBS-RK2-525	5	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 1,037.30
NBS-RK3-515	5	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 2,069.10
NBS-RK3-525	5	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 2,069.10
NBS-RK1-6	6	KIT1 include all seals, gaskets, and bearings	M22	\$ 646.80
NBS-RK2-615	6	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 1,579.60
NBS-RK2-625	6	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 1,579.60
NBS-RK3-615	6	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 3,070.10
NBS-RK3-625	6	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 3,070.10
NBS-RK1-7	7	KIT1 include all seals, gaskets, and bearings	M22	\$ 1,250.70
NBS-RK2-715	7	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 2,626.80
NBS-RK2-725	7	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 2,626.80
NBS-RK3-715	7	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 6,246.90
NBS-RK3-725	7	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 6,246.90
NBS-RK1-8	8	KIT1 include all seals, gaskets, and bearings	M22	\$ 1,712.70
NBS-RK2-815	8	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 3,587.10
NBS-RK2-825	8	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 3,587.10
NBS-RK3-815	8	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 8,927.60
NBS-RK3-825	8	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 8,927.60
NBS-RK1-9	9	KIT1 include all seals, gaskets, and bearings	M22	\$ 2,249.50
NBS-RK2-915	9	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 4,797.10
NBS-RK2-925	9	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 4,797.10
NBS-RK3-915	9	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 11,234.30
NBS-RK3-925	9	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 11,234.30
NBS-RK1-10	10	KIT1 include all seals, gaskets, and bearings	M22	\$ 3,413.30
NBS-RK2-1015	10	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 15:1 RATIO	M22	\$ 10,924.10
NBS-RK2-1025	10	KIT2 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 25:1 RATIO	M22	\$ 10,924.10
NBS-RK3-1015	10	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 15:1 RATIO	M22	\$ 17,583.50
NBS-RK3-1025	10	KIT3 include all seals, gaskets, and bearings. Input shaft / pinion and 1st stage reduction gear. 2nd stage reduction gear and hub. 25:1 RATIO	M22	\$ 17,583.50

Accessories—VHS

V1 and V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

REPLACEMENT PARTS

V1 AND V2 SERIES

Ball Bearing Non-Reverse Ratchet Assembly

Model Number	HP	Frame	Weight (lbs.)	Notes	Mult. Symbol	List Price
NRR-215TP	10	215TP	13.0	--	M15	\$ 547.80
NRR-250/280TP	15	254TP	32.0	--	M15	\$ 547.80
NRR-250/280TP	20	256TP	32.0	--	M15	\$ 547.80
NRR-250/280TP	25	284TP	32.0	--	M15	\$ 547.80
NRR-250/280TP	30	286TP	32.0	--	M15	\$ 547.80
NRR-320/360TP	40	324TP	43.2	--	M15	\$ 1,123.10
NRR-320/360TP	50	326TP	43.2	--	M15	\$ 1,123.10
NRR-320/360TP	60	364TP	43.2	--	M15	\$ 1,123.10
NRR-320/360TP	75	365TP	43.2	--	M15	\$ 1,123.10
NRR-400TP	100	404TP	70.1	--	M15	\$ 1,467.40
NRR-400TP	125	405TP	70.1	--	M15	\$ 1,467.40
NRR-445TP	150	444TP	99.7	--	M15	\$ 2,337.50
NRR-445TP	200	445TP	99.7	--	M15	\$ 2,337.50
NRR-445TP	250	445TP	99.7	--	M15	\$ 2,337.50
NRR-5006/8P	300	5006P	169.5	--	M15	\$ 4,437.40
NRR-5006/8P	350	5006P	169.5	--	M15	\$ 4,437.40
NRR-5006/8P	400	5008P	169.5	--	M15	\$ 4,437.40
NRR-5006/8P	450	5008P	169.5	--	M15	\$ 4,437.40
NRR-5006/8P	500	5008P	169.5	--	M15	\$ 4,437.40



Lubriport Sight Glass

Model Number	HP	Frame	Wt. (lbs.)	Mult. Symbol	List Price
SG-LUBRIPORT	40-500	ALL	0.33	M15	\$ 89.10



Alternative Bases

Model Number	HP	Frame	Base Size	Weight (lbs.)	Notes	Mult. Symbol	List Price
AB-215TP-10	10	215TP	10"	32.4	--	M15	\$ 650.10
ABPE-215TP-10	10	215TP	10"	33.4	1	M15	\$ 650.10
AB-250/280TP-12	15-30	250/280TP	12"	51.2	--	M15	\$ 778.80
ABPE-250/280TP-12	15-30	250/280TP	12"	52.2	1	M15	\$ 778.80
AB-250/280TP-16.5	15-30	250/280TP	16.5"	53.2	--	M15	\$ 778.80
ABPE-250/280TP-16.5	15-30	250/280TP	16.5"	51.2	1	M15	\$ 778.80
AB-320TP-12	40-50	320TP	12"	79.2	--	M15	\$ 1,116.50
ABPE-320TP-12	40-50	320TP	12"	79.2	1	M15	\$ 1,116.50
AB-320TP-16.5	40-50	320TP	16.5"	79.2	--	M15	\$ 1,116.50
ABPE-320TP-16.5	40-50	320TP	16.5"	79.2	1	M15	\$ 1,116.50
AB-360TP-12	60-75	360TP	12"	105.8	--	M15	\$ 1,369.50
ABPE-360TP-12	60-75	360TP	12"	105.8	1	M15	\$ 1,369.50
AB-360TP-16.5	60-75	360TP	16.5"	105.8	--	M15	\$ 1,369.50
ABPE-360TP-16.5	60-75	360TP	16.5"	105.8	1	M15	\$ 1,369.50
AB-400TP-16.5	100-125	400TP	16.5"	110.3	--	M15	\$ 1,587.30
ABPE-400TP-16.5	100-125	400TP	16.5"	110.3	1	M15	\$ 1,587.30
AB-400TP-20	100-125	400TP	20"	110.3	--	M15	\$ 1,587.30
ABPE-400TP-20	100-125	400TP	20"	110.3	1	M15	\$ 1,587.30
AB-445TP-16.5	150-250	445TP	16.5"	177.7	--	M15	\$ 2,093.30
AB-445TP-20	150-250	445TP	20"	177.7	--	M15	\$ 2,093.30

¹ Premium Efficient Model



Top Cover

Model Number	HP	Frame	Weight (lbs.)	Notes	Mult. Symbol	List Price
TC-215TP	10	215TP	2.43	--	M15	\$ 119.90
TC-250TP	15	250TP	2.54	--	M15	\$ 165.00
TCPE-250TP	20	250TP	2.54	1	M15	\$ 165.00
TC-280TP	25	280TP	2.54	--	M15	\$ 165.00
TCPE-280TP	30	280TP	2.54	1	M15	\$ 165.00
TC-320TP	40	320TP	2.87	--	M15	\$ 218.90
TCPE-320TP	50	320TP	2.87	1	M15	\$ 218.90
TC-360TP	60	360TP	3.97	--	M15	\$ 228.80
TCPE-360TP	75	360TP	3.97	1	M15	\$ 228.80
TC-400TP	100	400TP	5.18	--	M15	\$ 267.30
TCPE-400TP	125	400TP	5.18	1	M15	\$ 267.30
TC-445TP	150-250	445TP	7.28	--	M15	\$ 306.90
TC-5006P	300-500	5006P-5008P	10.56	--	M15	\$ 498.30

¹ Premium Efficient Model



ACCESSORIES

Accessories—VHS

V1 and V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

MOTOR COUPLINGS

V1 AND V2 SERIES



Model Number	HP	Frame	Standard	Option	Nominal BX	SQ Key (EW)	Mult. Sym.	List Price
VC210-.750	10	215TP		X	0.750	0.188	M15	\$ 139.70
VC210-1.00	10	215TP	X		1.000	0.250	M15	\$ 139.70
VC210-.875	10	215TP		X	0.875	0.188	M15	\$ 139.70
VC210-BLANK	10	215TP		X	0.000	0.000	M15	\$ 139.70
VC250/280-1.00	15-30	254TP-286TP	X		1.000	0.250	M15	\$ 145.20
VC250/280-.875	15-30	254TP-286TP		X	0.875	0.188	M15	\$ 145.20
VC250/280-.750	15-30	254TP-286TP		X	0.750	0.188	M15	\$ 145.20
VC250/280-1.188	15-30	254TP-286TP		X	1.188	0.250	M15	\$ 145.20
VC250/280-1.25A	15-30	254TP-286TP		X	1.250	0.250	M15	\$ 145.20
VC250/280-1.25B	15-30	254TP-286TP		X	1.250	0.375	M15	\$ 145.20
VC250/280-BLANK	15-30	254TP-286TP		X	0.000	0.000	M15	\$ 145.20
VC320/360-1.00	40-75	324TP-365TP		X	1.000	0.250	M15	\$ 157.30
VC320/360-1.188	40-75	324TP-365TP		X	1.188	0.250	M15	\$ 157.30
VC320/360-1.25A	40-75	324TP-365TP	X		1.250	0.250	M15	\$ 157.30
VC320/360-1.25B	40-75	324TP-365TP		X	1.250	0.375	M15	\$ 157.30
VC320/360-1.438	40-75	324TP-365TP		X	1.438	0.375	M15	\$ 157.30
VC320/360-1.500	40-75	324TP-365TP		X	1.500	0.375	M15	\$ 157.30
VC320/360-BLANK	40-75	324TP-365TP		X	0.000	0.000	M15	\$ 157.30
VC400-1.188	100-125	404TP-405TP		X	1.188	0.250	M15	\$ 209.00
VC400-1.25A	100-125	404TP-405TP		X	1.250	0.250	M15	\$ 209.00
VC400-1.25B	100-125	404TP-405TP		X	1.250	0.375	M15	\$ 209.00
VC400-1.438	100-125	404TP-405TP		X	1.438	0.375	M15	\$ 209.00
VC400-1.50	100-125	404TP-405TP	X		1.500	0.375	M15	\$ 209.00
VC400-1.563	100-125	404TP-405TP		X	1.563	0.375	M15	\$ 209.00
VC400-1.688	100-125	404TP-405TP		X	1.688	0.375	M15	\$ 209.00
VC400-1.813	100-125	404TP-405TP		X	1.813	0.375	M15	\$ 209.00
VC400-BLANK	100-125	404TP-405TP		X	0.000	0.000	M15	\$ 209.00
VC440-1.438	150-200	444TP-445TP		X	1.438	0.375	M15	\$ 347.60
VC440-1.500	150-200	444TP-445TP		X	1.500	0.375	M15	\$ 347.60
VC440-1.688	150-200	444TP-445TP	X		1.688	0.375	M15	\$ 347.60
VC440-1.750	150-200	444TP-445TP		X	1.750	0.375	M15	\$ 347.60
VC440-1.938	150-200	444TP-445TP		X	1.938	0.500	M15	\$ 347.60
VC440-2.188	150-200	444TP-445TP		X	2.188	0.500	M15	\$ 347.60
VC440-BLANK	150-200	444TP-445TP		X	0.000	0.000	M15	\$ 347.60
VC440-1.438	150-200	444TP-445TP		X	1.438	0.375	M15	\$ 347.60
VC440-1.500	150-200	444TP-445TP		X	1.500	0.375	M15	\$ 347.60
VC440-1.688	150-200	444TP-445TP		X	1.688	0.375	M15	\$ 347.60
VC440-1.750	150-200	444TP-445TP		X	1.750	0.375	M15	\$ 347.60
VC440-1.938	150-200	444TP-445TP	X		1.938	0.500	M15	\$ 347.60
VC440-2.188	150-200	444TP-445TP		X	2.188	0.500	M15	\$ 347.60
VC440-BLANK	150-200	444TP-445TP		X	0.000	0.000	M15	\$ 347.60
VC500-1.501	300-350	5006P		X	1.501	0.375	M15	\$ 625.90
VC500-1.688	300-350	5006P	X		1.688	0.375	M15	\$ 625.90
VC500-1.751	300-350	5006P		X	1.751	0.500	M15	\$ 625.90
VC500-1.813	300-350	5006P		X	1.813	0.500	M15	\$ 625.90
VC500-BLANK	300-350	5006P		X	0.000	0.000	M15	\$ 625.90
VC500-1.938	400-450	5008P	X		1.938	0.500	M15	\$ 625.90
VC500-2.001	400-450	5008P		X	2.001	0.500	M15	\$ 625.90
VC500-2.188	400-450	5008P		X	2.188	0.500	M15	\$ 625.90
VC500-2.251	400-450	5008P		X	2.251	0.500	M15	\$ 625.90
VC500-BLANK	400-450	5008P		X	0.000	0.000	M15	\$ 625.90
VC500-1.938	500	5008P		X	1.938	0.500	M15	\$ 625.90
VC500-2.001	500	5008P		X	2.001	0.500	M15	\$ 625.90
VC500-2.188	500	5008P	X		2.188	0.500	M15	\$ 625.90
VC500-2.251	500	5008P		X	2.251	0.500	M15	\$ 625.90
VC500-BLANK	500	5008P		X	0.000	0.000	M15	\$ 625.90

ACCESSORIES

Standard Features Include:

- ❶ 56—505U Frame Size in Stock;
56—145T Frames are Single-Adjusting Screw Type;
182T—505U Frames are Double-Adjusting Screw Type
- ❷ Bases are Provided with Washers
- ❸ Primed with Oven-Baked Primer for
Easy Painting (Color: Black)
- ❹ All “D” Bolts (or Motor Mounting Bolts) are
Welded Into Position to Prevent Spinning
and Dropping From the Slots
- ❺ All “D” Bolts (or Motor Mounting Bolts) are
Fixed to the Exact Foot Pattern of the Motor
to Aid in Easier Motor Installation
- ❻ Three (3) Year Warranty

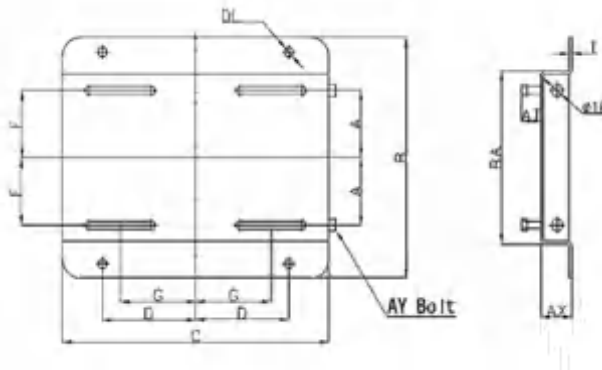


Model Number	Weight (lbs.)	Mult. Symbol	List Price
NA56	3	M11	\$ 18.00
NA143	6	M11	\$ 35.00
NA145	7	M11	\$ 35.00
NA182	10	M11	\$ 48.00
NA184	10	M11	\$ 48.00
NA213	15	M11	\$ 71.00
NA215	17	M11	\$ 71.00
NA254	19	M11	\$ 97.00
NA256	20	M11	\$ 97.00
NA284	24	M11	\$ 109.00
NA286	25	M11	\$ 109.00
NA324	35	M11	\$ 159.00
NA326	36	M11	\$ 159.00
NA364	49	M11	\$ 221.00
NA365	50	M11	\$ 221.00
NA404	66	M11	\$ 271.00
NA405	68	M11	\$ 271.00
NA444	74	M11	\$ 307.00
NA445	76	M11	\$ 307.00
NA447	102	M11	\$ 406.00
NA449	105	M11	\$ 406.00
NA505	137	M11	\$ 630.00

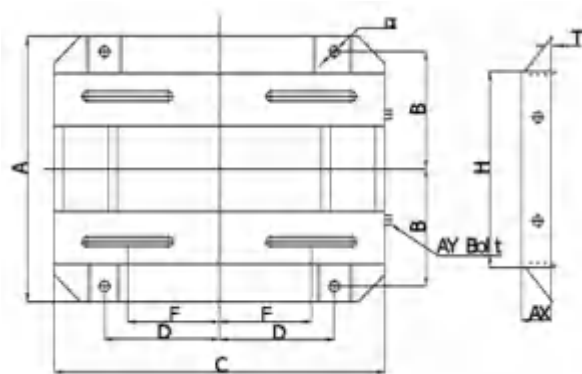
Dimensions on p. 54

Accessories—Motor Slide Base

56—286T FRAME MOTOR SLIDE BASE



FRAME #	A	B	C	D	G	F	BA	T	AX	AY BOLT	AT
56	2 7/8	6 1/2	10 5/8	3 13/16	2 7/16	1 1/2	4 1/2	.078	1 1/8	3/8*4	7/8
143T	3 3/8	7 1/2	10 1/2	3 3/4	2 3/4	2	5 1/2	.119	1 1/8	3/8*4	13/16
145T	3 7/8	8 1/2	10 1/2	3 3/4	2 3/4	2 1/2	6 1/2	.119	1 1/8	3/8*4	13/16
182T	4 1/4	9 1/2	12 3/4	4 1/2	3 3/4	2 1/4	6 1/2	.134	1 1/2	1/2*6	1 1/2
184T	4 3/4	10 1/2	12 3/4	4 1/2	3 3/4	2 3/4	7 1/2	.134	1 1/2	1/2*6	1 1/2
213T	4 3/4	11	15	5 1/4	4 1/4	2 3/4	7 1/2	.164	1 3/4	1/2*6	1 1/2
215T	5 1/2	12 1/2	15	5 1/4	4 1/4	3 1/2	9	.164	1 3/4	1/2*6	1 1/2
254T	6 5/8	15 1/8	17 3/4	6 1/4	5	4 1/8	10 3/4	3/16	2	5/8*6	1 7/16
256T	7 1/2	16 7/8	17 3/4	6 1/4	5	5	12 1/2	3/16	2	5/8*6	1 7/16
284T	7 1/2	16 7/8	19 3/4	7	5 1/2	4 3/4	12 1/2	3/16	2	5/8*6	1 11/16
286T	8 1/4	18 3/8	19 3/4	7	5 1/2	5 1/2	14	3/16	2	5/8*6	1 11/16



324T—505U FRAME MOTOR SLIDE BASE

FRAME #	A	B	C	D	F	H	T	AX	DI	AY BOLT
324T	19 1/4	8 1/2	22 3/4	8	6 1/4	14	3/16	2 1/2	3/4	3/4*9
326T	20 3/4	9 1/4	22 3/4	8	6 1/4	15 1/2	3/16	2 1/2	3/4	3/4*9
364T	20 1/2	9 1/8	25 1/2	9	7	15 1/2	1/4	2 1/2	3/4	3/4*9
365T	21 1/2	9 5/8	25 1/2	9	7	16 1/2	1/4	2 1/2	3/4	3/4*9
404T	22 3/8	9 7/8	28 3/4	10	8	16 1/2	1/4	3	7/8	3/4*11
405T	23 7/8	10 5/8	28 3/4	10	8	18	1/4	3	7/8	3/4*11
444T	24 5/8	11	31 1/4	11	9	19 1/4	1/4	3	7/8	3/4*11
445T	26 5/8	12	31 1/4	11	9	21 1/4	1/4	3	7/8	3/4*11
447T	30 1/8	13 3/4	31 1/4	11	9	24 3/4	5/16	3	7/8	3/4*11
449T	35 1/8	16 1/4	31 1/4	11	9	29 3/4	5/16	3	7/8	3/4*11
505U	30	13 1/2	35	12 1/2	10	22 3/4	5/16	3 1/2	1	7/8*12

Accessories—C & D-Flange Kits

FLANGE KITS

C-Flange Kits—Table A

143T—587UZ FRAME
CAST IRON

Standard Features Include:

- ① Simple Field Conversion of Standard Motor to Accommodate C-Flange Mount
- ② Two (2) Year Warranty

THREE-PHASE
TEFC

Model Number	Frame	Weight (lbs.)	Mult. Symbol	List Price
3140-NEWT	143T - 145T	10	M11	\$ 37.40
3180-NEWT	182T - 184T	12	M11	\$ 71.50
3210-NEWT	213T - 215T	15	M11	\$ 75.90
3210-NEPE	213T - 215T	15	M11	\$ 75.90
3250-NEWT	254T - 256T	20	M11	\$ 152.90
3250-NEPE	254T - 256T	30	M11	\$ 152.90
3280-NEWT	284T - 286T	45	M11	\$ 191.40
3320-NEWT	284T - 286T	50	M11	\$ 229.90
3360-NEWT	364T - 365T	60	M11	\$ 422.40
3360-NEPE	364T - 365T	60	M11	\$ 422.40
3400-NEWT	404T - 405T	75	M11	\$ 464.20
3400-NEPE	404T - 405T	75	M11	\$ 464.20
3400-NEWT-2P	404TS - 405TS	75	M11	\$ 464.20
3400-NEPE-2P	404TS - 405TS	75	M11	\$ 464.20
3440-NEWT	444T - 449T	90	M11	\$ 575.30
3440-NEPE	444T - 449T	90	M11	\$ 575.30
3440-NEWT-2P	444TS - 449TS	90	M11	\$ 575.30
3440-NEPE-2P	444TS - 449TS	90	M11	\$ 575.30
3500-NEPE	504/5UZ	95	M11	\$ 935.00
3587-NC58	586/7UZ	210	M11	\$ 1,375.00

D-Flange Kits—Table B

143T—587UZ FRAME
CAST IRON

Standard Features Include:

- ① Simple Field Conversion of Standard Motor to Accommodate D-Flange Mount
- ② Two (2) Year Warranty

THREE-PHASE
TEFC

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
4140-NEWT	143T - 145T	10	M11	\$ 37.40
4180-NEWT	182T - 184T	12	M11	\$ 71.50
4210-NEWT	213T - 215T	15	M11	\$ 75.90
4210-NEPE	213T - 215T	15	M11	\$ 75.90
4250-NEWT	254T - 256T	30	M11	\$ 152.90
4250-NEPE	254T - 256T	30	M11	\$ 152.90
4280-NEWT	284T - 286T	45	M11	\$ 191.40
4320-NEWT	284T - 286T	50	M11	\$ 229.90
4360-NEWT	364T - 365T	65	M11	\$ 422.40
4360-NEPE	364T - 365T	71	M11	\$ 422.40
4400-NEWT	404T - 405T	75	M11	\$ 464.20
4400-NEPE	404T - 405T	75	M11	\$ 464.20
4400-NEWT-2P	404TS - 405TS	75	M11	\$ 464.20
4400-NEPE-2P	404TS - 405TS	75	M11	\$ 464.20
4440-NEWT	444T - 449T	90	M11	\$ 575.30
4440-NEPE	444T - 449T	90	M11	\$ 575.30
4440-NEWT-2P	444TS - 449TS	90	M11	\$ 575.30
4440-NEPE-2P	444TS - 449TS	90	M11	\$ 575.30
4500-NEPE	504/5UZ	105	M11	\$ 1,100.00
4587-NC58	586/7UZ	270	M11	\$ 1,584.00

C-Flange Kits—Table C**Standard Features Include:**

- ① Simple Field Conversion of Standard Motor to Accommodate C-Flange Mount
- ② Two (2) Year Warranty

**143T—449T FRAME
CAST IRON
ODPW**

THREE-PHASE
ODP

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
3140-ODP-W	143/5T	10	M11	\$ 37.40
3180-ODP-W	182/4T	12	M11	\$ 71.50
3210-ODP-W	213/5T	15	M11	\$ 75.90
3250-ODP-W	254/6T	30	M11	\$ 152.90
3280-ODP-W	284/6T	45	M11	\$ 191.40
3320-ODP-W	324/6T	50	M11	\$ 229.90
3360-ODP-W	364/5T	60	M11	\$ 422.40
3400-2P-ODP-W	404/5T-2P	75	M11	\$ 464.20
3400-ODP-W	404/5T	75	M11	\$ 464.20
3440-ODP-W	444/5/7/9T	90	M11	\$ 575.30
3444/5-2P-ODP-W	444/5T-2P	90	M11	\$ 575.30
3447/9-2P-ODP-W	447/9T-2P	90	M11	\$ 575.30

C-Flange Kits—Table D**Standard Features Include:**

- ① Simple Field Conversion of Standard Motor to Accommodate C-Flange Mount
- ② Two (2) Year Warranty

**143T—215T FRAME
ALUMINUM
APEW**

THREE-PHASE
TEFC

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
3140-APE	143/5T	4	M11	\$ 37.40
3180-APE	182/4T	5	M11	\$ 71.50
3210-APE	213/5T	6	M11	\$ 75.90

C-Flange Kits—Table E**Standard Features Include:**

- ① Simple Field Conversion of Standard Motor to Accommodate C-Flange Mount
- ② Two (2) Year Warranty

**143T—215T FRAME
ROLLED STEEL
FARM DUTY
NEFD**

SINGLE PHASE
TEFC

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
3140FD	143/5T	10	M11	\$ 37.40
3180FD	182/4T	12	M11	\$ 71.50
3210FD	213/5T	15	M11	\$ 75.90

C-Flange Kits—Table F**Standard Features Include:**

- ① Simple Field Conversion of Standard Motor to Accommodate C-Flange Mount
- ② Two (2) Year Warranty

**143T—256T FRAME
ROLLED STEEL
ODPW & SODP**

THREE-PHASE
ODP

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
3140-ODP-W	143/5T	10	M11	\$ 37.40
3180-ODP-W	182/4T	12	M11	\$ 71.50
3210-ODP-W	213/5T	15	M11	\$ 75.90
3250-SODP	254/6T	10	M11	\$ 79.20

C-Flange Kits—Table G**Standard Features Include:**

- ① Simple Field Conversion of Standard Motor to Accommodate C-Flange Mount
- ② Two (2) Year Warranty

**143T—215T FRAME
ROLLED STEEL
RSTE & RSTE-PR**

THREE-PHASE
TEFC

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
3140-RSTE	143/5T	12	M11	\$ 37.40
3140-RSTE-PR	143/5T	10	M11	\$ 37.40
3180-RSTE	182/4T	12	M11	\$ 71.50
3180-RSTE-PR	182/4T	12	M11	\$ 71.50
3210-RSTE	213/5T	15	M11	\$ 75.90

Explosion Proof C-Flange Kits—Table H

Standard Features Include:

- ① Kit designed for simple conversion of standard explosion proof motor to accommodate c-flange mount. This conversion must be done by a UL Certified shop.
- ② Two (2) Year Warranty

143T—449T FRAME
CAST IRON
 XP-1

THREE-PHASE
 TEFC

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
3140XP-1	143T - 145T	10	M11	\$ 90.20
3180XP-1	182T - 184T	12	M11	\$ 110.00
3210XP-1	213T - 215T	15	M11	\$ 145.20
3250XP-1	254T - 256T	30	M11	\$ 174.90
3280XP-1	284T - 286T	45	M11	\$ 204.60
3320XP-1	324T - 326T	50	M11	\$ 293.70
3360XP-1	364T - 365T	60	M11	\$ 421.30
3400XP-1	404T - 405T	75	M11	\$ 464.20
3400SXP-1	404TS - 405TS	75	M11	\$ 464.20
3445XP-1	444T - 445T	90	M11	\$ 575.30
3445SXP-1	444TS - 445TS	90	M11	\$ 575.30
3449XP-1	447T - 449T	90	M11	\$ 805.20
3449SXP-1	447TS - 449TS	90	M11	\$ 805.20

Severe Duty Conversion Kits—Table I

Standard Features Include:

- ❶ Cast Iron Fan Cover Kit for severe environments where a motor with all cast iron construction is required.
- ❷ Two (2) Year Warranty

143T—449T FRAME
CAST IRON
NEWT & NEPETHREE-PHASE
TEFC

Model Number	Frame	Wt (Lbs)	Mult. Symbol	List Price
1140-NEWT	143T - 145T	5	M11	\$ 63.80
1180-NEWT	182T - 184T	6	M11	\$ 71.50
1210-NEWT	213T - 215T	10	M11	\$ 114.40
1210-NEPE	213T - 215T	10	M11	\$ 114.40
1250-NEWT	254T - 256T	20	M11	\$ 178.20
1280-NEWT	284T - 286T	26	M11	\$ 229.90
1280-NEPE	284T - 286T	26	M11	\$ 229.90
1320-NEWT	324T - 326T	42	M11	\$ 250.80
1320-NEPE	324T - 326T	42	M11	\$ 250.80
1360-NEWT	364T - 365T	50	M11	\$ 353.10
1360-NEPE	364T - 365T	50	M11	\$ 353.10
1400-NEWT	404T - 405T	49	M11	\$ 707.30
1400-NEPE	404T - 405T	49	M11	\$ 707.30
1440-NEWT	444T - 449T	67	M11	\$ 757.90
1440-NEPE	444T - 449T	67	M11	\$ 757.90

Performance Data—Rolled Steel

1/3 HP—2 HP GENERAL PURPOSE C-FLANGE W/ FEET ROLLED STEEL

56C/CH FRAME
SINGLE PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
F56C1/3S2C	1/3	3600	56C	1.15	F	L	L	3.83/2.12-1.92	14.23	60.7	0.92	0.5	350	416	6203-2RZC3	6203-2RZC3	20
F56C1/3S4C	1/3	1800	56C	1.15	F	L	M	3.92/2.17-1.96	14.7	65	0.84	0.996	340	403	6203-2RZC3	6203-2RZC3	22
F56C1/2S2C	1/2	3600	56C	1.15	F	L	L	5.03/2.78-2.52	20.2	70.8	0.91	0.75	325	416	6203-2RZC3	6203-2RZC3	24
F56C1/2S4C	1/2	1800	56C	1.15	F	L	M	5.7/3.15-2.85	21.1	71.1	0.8	1.5	320	335	6203-2RZC3	6203-2RZC3	28
F56C3/4S2C	3/4	3600	56C	1.15	F	L	L	6.82/3.77-3.41	28.2	75.1	0.95	1.1	345	378	6203-2RZC3	6203-2RZC3	26
F56C3/4S4C	3/4	1800	56C	1.15	F	L	L	7.33/4.05-3.66	27.6	74.6	0.89	2.22	310	333	6203-2RZC3	6203-2RZC3	33
F56C1S2C	1	3600	56C	1.15	F	L	J	8.61/4.76-4.31	32.8	76.1	0.99	1.5	235	314	6203-2RZC3	6203-2RZC3	30
F56C1S4C	1	1800	56C	1.15	F	L	K	9.09/5.02-4.54	34.8	77.6	0.92	3	302	302	6203-2RZC3	6203-2RZC3	36
F56C1.5S2C	1.5	3600	56C	1.15	F	L	J	12.47/6.89-6.23	49.2	81.3	0.96	2.25	230	282	6203-2RZC3	6203-2RZC3	36
F56CH1.5S4C	1.5	1800	56CH	1.15	F	L	J	12.41/6.86-6.2	45.6	81.7	0.96	4.52	280	260	6203-2RZC3	6203-2RZC3	44
F56CH2S2C	2	3600	56CH	1.15	F	L	H	15.92/8.8-7.96	58.9	82.3	0.99	3	265	301	6203-2RZC3	6203-2RZC3	43
F56CH2S4C	2	1800	56CH	1.15	F	L	H	16.17/8.94-8.08	53.9	83.6	0.96	6.04	266	229	6203-2RZC3	6203-2RZC3	52

1/3 HP—3 HP GENERAL PURPOSE C-FLANGE W/ FEET ROLLED STEEL

56C/CH FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
F56C1/3M2A	1/3	3600	56C	1.15	F	B	L	1.28-1.32/0.66	3.86	67.6	0.7	0.51	436	407	6203-2RZC3	6203-2RZC3	17
F56C1/3M2A-575V	1/3	3600	56C	1.15	F	B	J	0.57	3.14	62.8	0.7	0.51	416	443	6203-2RZC3	6203-2RZC3	17
F56C1/3M4A	1/3	1800	56C	1.15	F	B	M	1.52-1.61/0.8	3.22	66.1	0.58	1.01	209	312	6203-2RZC3	6203-2RZC3	17
F56C1/3M4A-575V	1/3	1800	56C	1.15	F	B	L	0.58	2.47	69.2	0.63	1.01	230	352	6203-2RZC3	6203-2RZC3	17
F56C1/2M2A	1/2	3600	56C	1.15	F	B	L	1.74-1.68/0.84	5.37	71.6	0.79	0.77	386	397	6203-2RZC3	6203-2RZC3	18
F56C1/2M2A-575V	1/2	3600	56C	1.15	F	B	J	0.67	4.47	69.3	0.82	0.77	306	348	6203-2RZC3	6203-2RZC3	18
F56C1/2M4A	1/2	1800	56C	1.15	F	B	L	1.9-1.96/0.98	4.74	74.1	0.65	1.52	225	307	6203-2RZC3	6203-2RZC3	22
F56C1/2M4A-575V	1/2	1800	56C	1.15	F	B	J	0.7	3.43	77.1	0.69	1.51	236	318	6203-2RZC3	6203-2RZC3	22
F56C3/4M2A	3/4	3600	56C	1.15	F	B	L	2.24-2/1	6.64	80.3	0.82	1.11	316	348	6203-2RZC3	6203-2RZC3	19
F56C3/4M2A-575V	3/4	3600	56C	1.15	F	B	J	0.87	6.24	76.2	0.84	1.12	296	382	6203-2RZC3	6203-2RZC3	20
F56C3/4M4A	3/4	1800	56C	1.15	F	B	L	2.43-2.34/1.17	5.66	80.7	0.73	2.26	205	207	6203-2RZC3	6203-2RZC3	23
F56C3/4M4A-575V	3/4	1800	56C	1.15	F	B	H	0.91	4.47	80.5	0.76	2.23	223	227	6203-2RZC3	6203-2RZC3	23
PR56C1M2A	1	3600	56C	1.15	F	B	N	2.9-2.7/1.35	11.9	77	0.83	1.51	375	423	6203-2RZC3	6203-2RZC3	24
PR56C1M2A-575V	1	3600	56C	1.15	F	B	N	1.1	9.9	78.1	0.82	1.51	384	439	6203-2RZC3	6203-2RZC3	21
PR56C1M4A	1	1800	56C	1.15	F	B	N	3.3-3/1.5	10.4	85.5	0.76	3.02	387	452	6203-2RZC3	6203-2RZC3	33
PR56C1M4A-575V	1	1800	56C	1.15	F	B	N	1.2	8.5	85.5	0.77	3.01	421	503	6203-2RZC3	6203-2RZC3	33
PR56C1.5M2A	1.5	3600	56C	1.15	F	B	N	4.2-3.8/1.9	15.6	84	0.86	2.27	361	406	6203-2RZC3	6203-2RZC3	27
PR56C1.5M2A-575V	1.5	3600	56C	1.15	F	B	N	1.6	12.3	84.4	0.86	2.36	348	385	6203-2RZC3	6203-2RZC3	27
PR56C1.5M4A	1.5	1800	56C	1.15	F	B	M	4.8-4.4/2.2	15.5	86.5	0.76	4.53	324	433	6203-2RZC3	6203-2RZC3	36
PR56C1.5M4A-575V	1.5	1800	56C	1.15	F	B	M	1.8	12.6	86.5	0.79	4.55	354	437	6203-2RZC3	6203-2RZC3	38
PR56C2M2A	2	3600	56C	1.15	F	B	M	5.4-5/2.5	21.2	85.5	0.87	3.03	388	419	6203-2RZC3	6203-2RZC3	28
PR56C2M2A-575V	2	3600	56C	1.15	F	B	M	2.1	17.2	85.5	0.87	3.03	373	424	6203-2RZC3	6203-2RZC3	34
PR56CH2M4A	2	1800	56CH	1.15	F	B	L	5.9-5.7/2.85	21.6	86.5	0.79	6.09	336	384	6203-2RZC3	6203-2RZC3	40
PR56CH2M4A-575V	2	1800	56CH	1.15	F	B	L	2.4	16.7	86.5	0.8	6.04	321	394	6203-2RZC3	6203-2RZC3	40
PR56CH3M2A	3	3600	56CH	1.15	F	B	L	8.2-7.6/3.8	34.6	86.5	0.84	4.52	307	418	6203-2RZC3	6203-2RZC3	41
PR56CH3M2A-575V	3	3600	56CH	1.15	F	B	L	2.9	28.2	86.5	0.82	4.5	293	384	6203-2RZC3	6203-2RZC3	42

Performance Data—Rolled Steel

1 HP—10 HP GENERAL PURPOSE ROLLED STEEL

143T—215T FRAME
THREE-PHASE
TEFC

ROLLED
STEEL



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PR143T1M4A	1	1800	143T	1.15	F	B	N	3.3-3/1.5	14	85.5	0.73	3.01	375	466	6205-2RZC3	6203-2RZC3	33
PR143T1.5M2A	1.5	3600	143T	1.15	F	B	M	4.3-4/2	18	84	0.84	2.27	304	401	6205-2RZC3	6203-2RZC3	29
PR145T1.5M4A	1.5	1800	145T	1.15	F	B	M	4.8-4.4/2.2	18.9	86.5	0.74	4.44	349	441	6205-2RZC3	6203-2RZC3	37.5
PR145T2M2A	2	3600	145T	1.15	F	B	L	5.4-5/2.5	21	85.5	0.88	3	268	352	6205-2RZC3	6203-2RZC3	32
PR145T2M4A	2	1800	145T	1.15	F	B	L	6.5-6/3	23	86.5	0.73	6.01	339	416	6205-2RZC3	6203-2RZC3	41
PR182T3M2A	3	3600	182T	1.15	F	B	K	8.2-7.6/3.8	29	86.5	0.86	4.46	226	380	6206-2RZC3	6206-2RZC3	76
PR182T3M4A	3	1800	182T	1.15	F	B	K	8.6-8/4	30.4	89.5	0.79	8.91	244	365	6206-2RZC3	6206-2RZC3	83
PR184T5M2A	5	3600	184T	1.15	F	B	J	13-11.8/5.9	42	88.5	0.9	7.48	200	310	6206-2RZC3	6206-2RZC3	83
PR184T5M4A	5	1800	184T	1.15	F	B	J	13.5-12.4/6.2	43	89.5	0.85	15.11	220	314	6206-2RZC3	6206-2RZC3	91
PR213T7.5M2A	7.5	3600	213T	1.15	F	B	H	20-18.4/9.2	61.2	89.5	0.86	11.06	194	251	6307-2RZC3	6206-2RZC3	125
PR213T7.5M4A	7.5	1800	213T	1.15	F	B	H	21-19.2/9.6	59.9	91.7	0.8	22.68	207	264	6307-2RZC3	6206-2RZC3	129
PR215T10M2A	10	3600	215T	1.15	F	B	H	26-24/12	76	90.2	0.87	15.08	173	297	6307-2RZC3	6206-2RZC3	130
PR215T10M4A	10	1800	215T	1.15	F	B	G	27.5-25.2/12.6	76.8	91.7	0.81	30.22	199	270	6307-2RZC3	6206-2RZC3	149



1/3 HP—10 HP FARM DUTY ROLLED STEEL

56C—215T FRAME
SINGLE PHASE
TEFC

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
F56C1/3S4C-MO	1/3	1800	56C	1.15	F	L	M	3.92/2.17-1.96	14.7	65	0.84	0.996	340	403	6203-2RZC3	6203-2RZC3	22
F56C1/2S4C-MO	1/2	1800	56C	1.15	F	L	M	5.7/3.15-2.85	21.1	71.1	0.8	1.5	320	335	6203-2RZC3	6203-2RZC3	28
F56C3/4S4C-MO	3/4	1800	56C	1.15	F	L	L	7.33/4.05-3.66	27.6	74.6	0.89	2.22	310	333	6203-2RZC3	6203-2RZC3	33
F56C1S4C-MO	1	1800	56C	1.15	F	L	K	9.09/5.02-4.54	34.8	77.6	0.92	3	302	302	6203-2RZC3	6203-2RZC3	36
F143T1S4C-MO	1	1800	143T	1.15	F	L	K	9.2/5-4.7	34.45	74	0.91	3	286	232	6203-2RZC3	6203-2RZC3	41
F56CH1.5S4C-MO	1.5	1800	56CH	1.15	F	L	J	12.41/6.86-6.2	45.6	81.7	0.96	4.52	280	260	6203-2RZC3	6203-2RZC3	44
F145T1.5S4C-MO	1.5	1800	145T	1.15	F	L	J	13.3/7.1-6.6	49	77	0.95	4.5	260	241	6205-2RZC3	6203-2RZC3	45
F56CH2S4C-MO	2	1800	56CH	1.15	F	L	H	16.17/8.94-8.08	53.9	83.6	0.96	6.04	266	229	6203-2RZC3	6203-2RZC3	52
F145T2S4C-MO	2	1800	145T	1.15	F	L	J	16.5/9-8.3	63	82	0.96	6.01	293	245	6205-2RZC3	6203-2RZC3	50
F182T3S4C-MO	3	1800	182T	1.15	F	L	H	14.5-12.6/6.4	87.6	81.5	0.94	9.06	276	240	6206-2RZC3	6205-2RZC3	92
F184T5S2C-MO	5	3600	184T	1.15	F	L	D	20/10	99.38	81.2	0.99	7.52	157	200	6206-2RZC3	6205-2RZC3	115
F184T5S4C-MO	5	1800	184T	1.15	F	L	G	22.8-20/10	134.63	84.7	0.94	15.15	243	220	6206-2RZC3	6205-2RZC3	110
F213T7.5S4C	7.5	1800	213T	1.15	F	L	H	34-29.5/15	227.5	84.4	0.96	22.49	321	240	6307-2RZC3	6206-2RZC3	140
F215T10S4C	10	1800	215T	1	F	L	G	43-37.8/18.9	258.89	88.7	0.97	30.18	299	225	6307-2RZC3	6206-2RZC3	150



3 HP—5 HP COMPRESSOR DUTY ROLLED STEEL

56H—184T FRAME
SINGLE PHASE
ODP

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
D182T3S4C	3	1800	182T	1.15	F	L	G	13.3-12	73.8	84.9	0.96	9.03	284	215	6206-2RZC3	6205-2RZC3	78
D56H5S2C-MO	5	3600	56H	1.15	F	L	F	20.94-18.94	118.7	86.5	0.99	10.19	250	211	6205-2RZC3	6203-2RZC3	55.8
D184T5S4C	5	1800	184T	1.15	F	L	H	22-20	147.9	83.4	0.97	15.11	319	220	6206-2RZC3	6203-2RZC3	96

Performance Data—Aluminum

1 HP—10 HP GENERAL PURPOSE ALUMINUM

143T—215T FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
APE143T-1-4	1	1800	143T	1.15	F	B	M	3.2 - 3.0 / 1.5	15	85.5	0.71	3.02	275	310	6205-ZZ	6205-ZZ	35
APE143T-1.5-2	1.5	3600	143T	1.15	F	B	M	4.4 - 4.0 / 2.0	20	84	0.74	2.2	200	280	6205-ZZ	6205-ZZ	33
APE145T-1.5-4	1.5	1800	145T	1.15	F	B	M	4.7 - 4.4 / 2.2	20	86.5	0.7	4.54	250	330	6205-ZZ	6205-ZZ	39
APE145T-2-2	2	3600	145T	1.15	F	B	L	5.8 - 5.3 / 2.65	25	85.5	0.82	3	190	285	6205-ZZ	6205-ZZ	37
APE145T-2-4	2	1800	145T	1.15	F	B	L	6.6 - 6.2 / 3.1	25	86.5	0.72	6.05	235	280	6205-ZZ	6205-ZZ	42
APE182T-3-2	3	3600	182T	1.15	F	B	K	7.9-7.4/3.7	32	86.5	0.85	4.49	180	280	6206-ZZ	6206-ZZ	65
APE182T-3-4	3	1800	182T	1.15	F	B	K	8.2-7.6/3.8	32	89.5	0.77	9	200	300	6206-ZZ	6206-ZZ	68
APE184T-5-2	5	3600	184T	1.15	F	B	J	13 - 11.6 / 5.8	46	88.5	0.9	7.46	170	285	6206-ZZ	6206-ZZ	82
APE184T-5-4	5	1800	184T	1.15	F	B	J	14-13.6/6.8	46	89.5	0.78	15	185	280	6206-ZZ	6206-ZZ	81
APE213T-7.5-2	7.5	3600	213T	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.19	160	290	6208-ZZ	6208-ZZ	105
APE213T-7.5-4	7.5	1800	213T	1.15	F	B	H	19.8-18.4/9.2	63	91.7	0.8	22.51	160	270	6208-ZZ	6208-ZZ	106
APE215T-10-2	10	3600	215T	1.15	F	B	H	23.9-22.8/11.4	81	90.2	0.92	14.9	160	290	6208-ZZ	6208-ZZ	123
APE215T-10-4	10	1800	215T	1.15	F	B	H	26-24/12	81	91.7	0.81	30.02	160	260	6208-ZZ	6208-ZZ	118

Performance Data—General Purpose

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143T-1.4	1	1800	143T	1.15	F	B	M	3.2 - 3 / 1.5	15	85.5	0.71	3.02	275	310	6205-ZZ	6205-ZZ	47
PE143T-1.4-575V	1	1800	143T	1.15	F	B	M	1.2	12	85.5	0.71	3.02	275	310	6205-ZZ	6205-ZZ	47
PE145T-1.6	1	1200	145T	1.15	F	B	M	4 - 3.6 / 1.8	15	82.5	0.62	4.6	200	290	6205-ZZ	6205-ZZ	53
PE145T-1.6-575V	1	1200	145T	1.15	F	B	M	1.44	12	82.5	0.62	4.6	200	290	6205-ZZ	6205-ZZ	52
PE143T-1.5-2	1.5	3600	143T	1.15	F	B	M	4.4 - 4 / 2	20	84	0.74	2.2	200	280	6205-ZZ	6205-ZZ	46
PE143T-1.5-2-575V	1.5	3600	143T	1.15	F	B	M	1.6	16	84	0.48	2.2	200	280	6205-ZZ	6205-ZZ	46
PE145T-1.5-4	1.5	1800	145T	1.15	F	B	M	4.7 - 4.4 / 2.2	20	86.5	0.7	4.54	250	330	6205-ZZ	6205-ZZ	50
PE145T-1.5-4-575V	1.5	1800	145T	1.15	F	B	M	1.76	16	86.5	0.7	4.54	250	330	6205-ZZ	6205-ZZ	53
PE182T-1.5-6	1.5	1200	182T	1.15	F	B	M	5.2 - 4.8 / 2.4	20	87.5	0.68	6.8	200	290	6306-ZZ	6306-ZZ	87
PE182T-1.5-6-575V	1.5	1200	182T	1.15	F	B	M	1.92	16	87.5	0.68	6.8	200	290	6306-ZZ	6306-ZZ	95
PE145T-2-2	2	3600	145T	1.15	F	B	L	5.8 - 5.3 / 2.65	25	85.5	0.82	3	190	285	6205-ZZ	6205-ZZ	48
PE145T-2-2-575V	2	3600	145T	1.15	F	B	L	2.12	20	85.5	0.82	3	190	285	6205-ZZ	6205-ZZ	52
PE145T-2-4	2	1800	145T	1.15	F	B	L	6.6 - 6.2 / 3.1	25	86.5	0.72	6.05	235	280	6205-ZZ	6205-ZZ	56
PE145T-2-4-575V	2	1800	145T	1.15	F	B	L	2.48	20	86.5	0.72	6.05	235	280	6205-ZZ	6205-ZZ	57
PE184T-2-6	2	1200	184T	1.15	F	B	L	6.4 - 5.9 / 2.95	25	88.5	0.7	9.1	190	280	6306-ZZ	6306-ZZ	91
PE184T-2-6-575V	2	1200	184T	1.15	F	B	L	2.36	20	88.5	0.7	9.1	190	280	6306-ZZ	6306-ZZ	103
PE145T-3-2	3	3600	145T	1.15	F	B	K	9 - 8.2 / 4.1	32	86.5	0.8	4.55	200	300	6205-ZZ	6205-ZZ	54
PE182T-3-2	3	3600	182T	1.15	F	B	K	7.9 - 7.4 / 3.7	32	86.5	0.85	4.49	180	280	6306-ZZ	6306-ZZ	86
PE182T-3-2-575V	3	3600	182T	1.15	F	B	K	2.96	26	86.5	0.85	4.49	180	280	6306-ZZ	6306-ZZ	90
PE182T-3-4	3	1800	182T	1.15	F	B	K	8.2 - 7.6 / 3.8	32	89.5	0.77	9	215	300	6306-ZZ	6306-ZZ	90
PE182T-3-4-575V	3	1800	182T	1.15	F	B	K	3.04	26	89.5	0.77	9	215	300	6306-ZZ	6306-ZZ	97
PE213T-3-6	3	1200	213T	1.15	F	B	K	9.2 - 8.4 / 4.2	32	89.5	0.7	13.47	190	280	6308-ZZ	6308-ZZ	146
PE213T-3-6-575V	3	1200	213T	1.15	F	B	K	3.36	26	89.5	0.7	13.47	190	280	6308-ZZ	6308-ZZ	136
PE184T-5-2	5	3600	184T	1.15	F	B	J	13 - 11.6 / 5.8	46	88.5	0.9	7.46	170	285	6306-ZZ	6306-ZZ	102
PE184T-5-2-575V	5	3600	184T	1.15	F	B	J	4.64	37	88.5	0.9	7.46	170	285	6306-ZZ	6306-ZZ	110
PE184T-5-4	5	1800	184T	1.15	F	B	J	14 - 13.6 / 6.8	46	89.5	0.78	15	185	280	6306-ZZ	6306-ZZ	101
PE184T-5-4-575V	5	1800	184T	1.15	F	B	J	5.44	37	89.5	0.78	15	185	280	6306-ZZ	6306-ZZ	94
PE215T-5-6	5	1200	215T	1.15	F	B	J	15.6 - 14.2 / 7.1	46	89.5	0.73	22.5	190	280	6308-ZZ	6308-ZZ	151
PE215T-5-6-575V	5	1200	215T	1.15	F	B	J	5.68	37	89.5	0.73	22.5	190	280	6308-ZZ	6308-ZZ	162
PE184T-7-5-2	7.5	3600	184T	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.3	190	300	6306-ZZ	6306-ZZ	117
PE213T-7-5-2	7.5	3600	213T	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.19	160	290	6308-ZZ	6308-ZZ	154
PE213T-7-5-2-575V	7.5	3600	213T	1.15	F	B	H	7.04	50	89.5	0.9	11.19	160	290	6308-ZZ	6308-ZZ	145
PE213T-7-5-4	7.5	1800	213T	1.15	F	B	H	19.8 - 18.4 / 9.2	63	91.7	0.8	22.51	180	280	6308-ZZ	6308-ZZ	155
PE213T-7-5-4-575V	7.5	1800	213T	1.15	F	B	H	7.36	50	91.7	0.8	22.51	180	280	6308-ZZ	6308-ZZ	155
PE254T-7-5-6	7.5	1200	254T	1.15	F	B	H	21 - 19.6 / 9.8	63	91	0.74	33.65	185	280	6309	6309	242
PE254T-7-5-6-575V	7.5	1200	254T	1.15	F	B	H	7.84	50	91	0.48	33.65	185	280	6309	6309	272
PE215T-10-2	10	3600	215T	1.15	F	B	H	23.9 - 22.8 / 11.4	81	90.2	0.92	14.9	160	290	6308-ZZ	6308-ZZ	162
PE215T-10-2-575V	10	3600	215T	1.15	F	B	H	9.12	65	90.2	0.92	14.9	160	290	6308-ZZ	6308-ZZ	167
PE215T-10-4	10	1800	215T	1.15	F	B	H	26 - 24 / 12	81	91.7	0.81	30.02	170	280	6308-ZZ	6308-ZZ	178
PE215T-10-4-575V	10	1800	215T	1.15	F	B	H	9.6	65	91.7	0.81	30.02	170	280	6308-ZZ	6308-ZZ	206
PE256T-10-6	10	1200	256T	1.15	F	B	H	27.2 - 25.6 / 12.8	81	91	0.76	44.9	180	270	6309	6309	261
PE256T-10-6-575V	10	1200	256T	1.15	F	B	H	10.24	65	91	0.76	44.9	180	270	6309	6309	293
PE215T-15-2	15	3600	215T	1.15	F	B	G	37 - 35 / 17.5	116	91	0.91	22.4	170	280	6308-ZZ	6308-ZZ	179
PE254T-15-2	15	3600	254T	1.15	F	B	G	36.2 - 34.4 / 17.2	116	91	0.89	22.2	150	260	6309	6309	260
PE254T-15-2-575V	15	3600	254T	1.15	F	B	G	13.76	93	91	0.89	22.2	150	260	6309	6309	286
PE254T-15-4	15	1800	254T	1.15	F	B	G	37.2 - 36.4 / 18.2	116	92.4	0.81	44.8	170	260	6309	6309	275
PE254T-15-4-575V	15	1800	254T	1.15	F	B	G	14.56	93	92.4	0.81	44.8	170	260	6309	6309	285
PE284T-15-6	15	1200	284T	1.15	F	B	G	41 - 38 / 19	116	91.7	0.77	67.07	160	240	6311	6311	315
PE284T-15-6-575V	15	1200	284T	1.15	F	B	G	15.2	93	91.7	0.77	67.07	160	240	6311	6311	363
PE256T-20-2	20	3600	256T	1.15	F	B	G	48.5 - 46 / 23	145	91	0.87	29.76	150	250	6309	6309	280
PE256T-20-2-575V	20	3600	256T	1.15	F	B	G	18.4	116	91	0.87	29.76	150	250	6309	6309	315
PE256T-20-4	20	1800	256T	1.15	F	B	G	51.8 - 48.4 / 24.2	145	93	0.83	59.8	160	260	6309	6309	317
PE256T-20-4-575V	20	1800	256T	1.15	F	B	G	19.36	116	93	0.83	59.8	160	260	6309	6309	317
PE286T-20-6	20	1200	286T	1.15	F	B	G	54.7 - 50 / 25	145	91.7	0.79	89.42	160	250	6311	6311	394
PE286T-20-6-575V	20	1200	286T	1.15	F	B	G	20	116	91.7	0.79	89.42	160	250	6311	6311	394
PE256T-25-2	25	3600	256T	1.15	F	B	G	60 - 56 / 28	182	91.7	0.91	37.2	160	260	6309	6309	298
PE284T-25-2	25	3600	284T	1.15	F	B	G	61 - 57 / 28.5	182	91.7	0.9	37.2	150	240	6311	6311	383
PE284TS-25-2	25	3600	284TS	1.15	F	B	G	61 - 57 / 28.5	182	91.7	0.9	37.2	150	240	6311	6311	383
PE284TS-25-2-575V	25	3600	284TS	1.15	F	B	G	22.8	146	91.7	0.9	37.2	150	240	6311	6311	385
PE284T-25-4	25	1800	284T	1.15	F	B	G	65 - 60 / 30	182	93.6	0.84	74.3	160	255	6311	6311	364
PE284TS-25-4	25	1800	284TS	1.15	F	B	G	65 - 60 / 30	182	93.6	0.84	74.3	160	255	6311	6311	364
PE284T-25-4-575V	25	1800	284T	1.15	F	B	G	24	146	93.6	0.84	48.3	160	255	6311	6311	398
PE324T-25-6	25	1200	324T	1.15	F	B	G	67 - 61 / 30.5	182	93	0.78	111.3	160	255	6312	6312	477
PE324T-25-6-575V	25	1200	324T	1.15	F	B	G	24.4	146	93	0.78	111.3	160	255	6312	6312	508
PE286T-30-2	30	3600	286T	1.15	F	B	G	74 - 69 / 34.5	217	91.7	0.9	44.5	150	260	6311	6311	391
PE286TS-30-2	30	3600	286TS	1.15	F	B	G	74 - 69 / 34.5	217	91.7	0.9	44.5	150	260	6311	6311	391
PE286TS-30-2-575V	30	3600	286TS	1.15	F	B	G	27.6	148	91.7	0.9	44.5	150	260	6311	6311	409
PE286T-30-4	30	1800	286T	1.15	F	B	G	76 - 70.6 / 35.3	217	93.6	0.84	89.1	160	250	6311	6311	409
PE286TS-30-4	30	1800	286TS	1.15	F	B	G	76 - 70.6 / 35.3	217	93.6	0.84	89.1	160	250	6311	6311	409
PE286T-30-4-575V	30	1800	286T	1.15	F	B	G	28.24	148	93.6	0.84	89.1	160	250	6311	6311	437
PE326T-30-6	30	1200	326T	1.15	F	B	G	78 - 71.8 / 35.9	217	93	0.8	133.56	155	255	6312	6312	648
PE326T-30-6-575V	30	1200	326T	1.15	F	B	G	28.72	148	93	0.8	133.56	155	255	6312	6312	537
PE286T-40-2	40	3600	286T	1.15	F	B	G	95 - 89 / 44.5	290	92.4	0.91	59.2	180	290	6311	6311	401
PE286TS-40-2	40	3600	286TS	1.15	F	B	G	95 - 89 / 44.5	290	92.4	0.91	59.2	180	290</			

Performance Data—General Purpose

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC



GENERAL
PURPOSE

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE364T-60-2	60	3600	364T	1.15	F	B	G	146 - 132 / 66	435	93.6	0.92	88.55	140	255	6313	6313	805
PE364TS-60-2	60	3600	364TS	1.15	F	B	G	146 - 132 / 66	435	93.6	0.92	88.55	140	255	6313	6313	805
PE364TS-60-2-575V	60	3600	364TS	1.15	F	B	G	52.8	348	93.6	0.92	88.55	140	255	6313	6313	704
PE364T-60-4	60	1800	364T	1.15	F	B	G	154 - 139 / 69.5	435	95	0.85	177.55	160	240	6313	6313	801
PE364TS-60-4	60	1800	364TS	1.15	F	B	G	154 - 139 / 69.5	435	95	0.85	177.55	160	240	6313	6313	801
PE364T-60-4-575V	60	1800	364T	1.15	F	B	G	55.6	348	95	0.85	177.55	160	240	6313	6313	766
PE404T-60-6	60	1200	404T	1.15	F	B	G	154 - 140 / 70	435	94.5	0.81	268	150	250	NU318	6314	959
PE404T-60-6-BB	60	1200	404T	1.15	F	B	G	154 - 140 / 70	435	94.5	0.81	268	150	250	6318	6314	959
PE404T-60-6-575V	60	1200	404T	1.15	F	B	G	56	348	94.5	0.81	268	150	250	NU318	6314	1000
PE365T-75-2	75	3600	365T	1.15	F	B	G	184 - 166 / 83	542	93.6	0.91	110.69	130	250	6313	6313	833
PE365TS-75-2	75	3600	365TS	1.15	F	B	G	184 - 166 / 83	542	93.6	0.91	110.69	130	250	6313	6313	833
PE365TS-75-2-575V	75	3600	365TS	1.15	F	B	G	66.4	434	93.6	0.91	110.69	130	250	6313	6313	766
PE365T-75-4	75	1800	365T	1.15	F	B	G	193 - 174 / 87	542	95.4	0.85	221.95	160	250	6313	6313	823
PE365TS-75-4	75	1800	365TS	1.15	F	B	G	193 - 174 / 87	542	95.4	0.85	221.95	160	250	6313	6313	826
PE365T-75-4-575V	75	1800	365T	1.15	F	B	G	69.6	434	95.4	0.85	221.95	160	250	6313	6313	868
PE405T-75-6	75	1200	405T	1.15	F	B	G	193 - 174 / 87	542	94.5	0.83	335	150	230	NU318	6314	1085
PE405T-75-6-BB	75	1200	405T	1.15	F	B	G	193 - 174 / 87	542	94.5	0.83	335	150	230	6318	6314	1085
PE405T-75-6-575V	75	1200	405T	1.15	F	B	G	69.6	434	94.5	0.83	335	150	230	NU318	6314	1120
PE405T-100-2	100	3600	405T	1.15	F	B	G	248 - 224 / 112	725	94.1	0.9	147.2	130	245	6314	6314	1107
PE405TS-100-2	100	3600	405TS	1.15	F	B	G	248 - 224 / 112	725	94.1	0.9	147.2	130	245	6314	6314	1107
PE405TS-100-2-575V	100	3600	405TS	1.15	F	B	G	89.6	580	94.1	0.9	147.2	130	245	6314	6314	1040
PE405T-100-4	100	1800	405T	1.15	F	B	G	248 - 224 / 112	725	95.4	0.87	295.17	155	240	NU318	6314	1228
PE405TS-100-4	100	1800	405TS	1.15	F	B	G	248 - 224 / 112	725	95.4	0.87	295.17	155	240	6318	6314	1228
PE405T-100-4-BB	100	1800	405T	1.15	F	B	G	248 - 224 / 112	725	95.4	0.87	295.17	155	240	6318	6314	1228
PE405T-100-4-575V	100	1800	405T	1.15	F	B	G	89.6	580	95.4	0.87	295.17	155	240	NU318	6314	1058
PE444T-100-6	100	1200	444T	1.15	F	B	G	250 - 232 / 116	725	95	0.81	442.5	150	245	NU319	6318	1364
PE444T-100-6-IN	100	1200	444T	1.15	F	B	G	250 - 232 / 116	725	95	0.81	442.5	150	245	NU319	6318/C3VL0241	1364
PE444T-100-6-575V	100	1200	444T	1.15	F	B	G	92.8	580	95	0.81	442.5	150	245	NU319	6318	1320
PE444TS-125-2	125	3600	444TS	1.15	F	B	G	140	907	95	0.92	183.75	130	250	6314	6314	1331
PE444TS-125-2-IN	125	3600	444TS	1.15	F	B	G	140	907	95	0.92	183.75	130	250	6314	6314/C3VL0241	1331
PE444TS-125-2-575V	125	3600	444TS	1.15	F	B	G	112	726	95	0.92	183.75	130	250	6314	6314	1247
PE444T-125-4	125	1800	444T	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	NU319	6318	1471
PE444TS-125-4	125	1800	444TS	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	6319	6318	1471
PE444T-125-4-BB	125	1800	444T	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	6319	6318	1471
PE444T-125-4-IN	125	1800	444T	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	NU319	6318/C3VL0241	1471
PE444T-125-4-575V	125	1800	444T	1.15	F	B	G	116	726	95.4	0.87	368.93	150	250	NU319	6318	1342
PE445T-125-6	125	1200	445T	1.15	F	B	G	147	907	95	0.81	553.5	150	245	NU319	6318	1562
PE445T-125-6-IN	125	1200	445T	1.15	F	B	G	147	907	95	0.81	553.5	150	245	NU319	6318/C3VL0241	1562
PE445T-125-6-575V	125	1200	445T	1.15	F	B	G	27.6	726	95	0.81	553.5	150	245	NU319	6318	1400
PE445TS-150-2	150	3600	445TS	1.15	F	B	G	166	1085	95	0.9	220.42	130	245	6314	6314	1459
PE445TS-150-2-IN	150	3600	445TS	1.15	F	B	G	166	1085	95	0.9	220.42	130	245	6314	6314/C3VL0241	1459
PE445TS-150-2-575V	150	3600	445TS	1.15	F	B	G	132.8	868	95	0.9	220.42	130	245	6314	6314	1408
PE445T-150-4	150	1800	445T	1.15	F	B	G	171	1085	95.8	0.87	442.74	150	250	NU319	6318	1683
PE445TS-150-4	150	1800	445TS	1.15	F	B	G	171	1085	95.8	0.87	442.74	150	250	6319	6318	1683
PE445T-150-4-BB	150	1800	445T	1.15	F	B	G	171	1085	95.8	0.87	442.74	150	250	6319	6318	1683
PE445T-150-4-IN	150	1800	445T	1.15	F	B	G	171	1085	95.8	0.87	442.74	150	250	NU319	6318/C3VL0241	1683
PE445T-150-4-575V	150	1800	445T	1.15	F	B	G	136.8	868	95.8	0.87	442.48	150	250	NU319	6318	1672
PE447T-150-6	150	1200	447T	1.15	F	B	G	173	1085	95.8	0.82	664.5	140	250	NU319	6318	1826
PE447T-150-6-IN	150	1200	447T	1.15	F	B	G	173	1085	95.8	0.82	664.5	140	250	NU319	6318/C3VL0241	1826
PE447T-150-6-575V	150	1200	447T	1.15	F	B	G	138.4	868	95.8	0.82	664.5	140	250	NU319	6318	1800
PE447TS-200-2	200	3600	447TS	1.15	F	B	G	222	1450	95.4	0.92	293.9	130	240	6314	6314	1761
PE447TS-200-2-IN	200	3600	447TS	1.15	F	B	G	222	1450	95.4	0.92	293.9	130	240	6314	6314/C3VL0241	1761
PE447TS-200-2-575V	200	3600	447TS	1.15	F	B	G	177.6	1160	95.4	0.92	293.9	130	240	6314	6314	1584
PE447T-200-4	200	1800	447T	1.15	F	B	G	220	1450	96.2	0.87	590.25	145	240	NU319	6318	1890
PE447TS-200-4	200	1800	447TS	1.15	F	B	G	220	1450	96.2	0.87	590.25	145	240	6319	6318	1866
PE447T-200-4-BB	200	1800	447T	1.15	F	B	G	220	1450	96.2	0.87	590.25	145	240	6319	6318	1890
PE447T-200-4-IN	200	1800	447T	1.15	F	B	G	220	1450	96.2	0.87	590.25	145	240	NU319	6318/C3VL0241	1890
PE447T-200-4-575V	200	1800	447T	1.15	F	B	G	176	1160	96.2	0.87	590.25	145	240	NU319	6318	1782
PE499T-200-6	200	1200	449T	1.15	F	B	G	230	1450	95.8	0.83	885	140	245	NU319	6318	2151
PE449T-200-6-IN	200	1200	449T	1.15	F	B	G	230	1450	95.8	0.83	885	140	245	NU319	6318/C3VL0241	2151
PE449T-200-6-575V	200	1200	449T	1.15	F	B	G	184	1160	95.8	0.83	885	140	245	NU319	6318	2100
PE449TS-250-2	250	3600	449TS	1.15	F	B	G	266	1825	95.8	0.91	367.38	130	240	6314	6314	1954
PE449TS-250-2-IN	250	3600	449TS	1.15	F	B	G	266	1825	95.8	0.91	367.38	130	240	6314	6314/C3VL0241	1954
PE449TS-250-2-575V	250	3600	449TS	1.15	F	B	G	212.8	1460	95.8	0.91	367.38	130	240	6314	6314	1870
PE449T-250-4	250	1800	449T	1.15	F	B	G	275	1825	96.2	0.87	737.8	140	250	NU319	6318	2064
PE449T-250-4-BB	250	1800	449T	1.15	F	B	G	275	1825	96.2	0.87	737.8	140	250	6319	6318	2064
PE449T-250-4-IN	250	1800	449T	1.15	F	B	G	275	1825	96.2	0.87	737.8	140	250	NU319	6318/C3VL0241	2064
PE449T-250-4-575V	250	1800	449T	1.15	F	B	G	220	1460	96.2	0.87	737.8	140	250	NU319	6318	2150
PE449T-250-6	250	1200	449T	1.15	F	B	G	280	1825	95.8	0.82	1110	140	220	NU319	6318	2387
PE449T-250-6-IN	250	1200	449T	1.15	F	B	G	280	1825	95.8	0.82	1110	140	220	NU319	6318/C3VL0241	2387
PE449T-250-6-575V	250	1200	449T	1.15	F	B	G	224	1460	95.8	0.82	1110	140	220	NU319	6318	2323
PE449TS-300-2	300	3600	449TS	1.15	F	B	G	320	2200	95.8	0.91	440.85	130	245	6314	6314	2087
PE449TS-300-2-IN	300	3600	449TS	1.15	F	B	G	320	2200	95.8	0.91	440.85	130	245	6314	6314/C3VL0241	2087
PE449TS-300-2																	

Performance Data—General Purpose

1 HP—300 HP GENERAL PURPOSE C-FLANGE W/ FEET CAST IRON

143TC—449TC FRAME
THREE-PHASE
TEFC



GENERAL
PURPOSE

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143TC-1-4	1	1800	143TC	1.15	F	B	M	3.2 - 3 / 1.5	15	85.5	0.71	3.02	275	310	6205-ZZ	6205-ZZ	47
PE145TC-1-6	1	1200	145TC	1.15	F	B	M	4 - 3.6 / 1.8	15	82.5	0.62	4.6	200	290	6205-ZZ	6205-ZZ	57
PE143TC-1.5-2	1.5	3600	143TC	1.15	F	B	M	4.4 - 4 / 2.2	20	84	0.74	2.2	200	280	6205-ZZ	6205-ZZ	46
PE145TC-1.5-4	1.5	1800	145TC	1.15	F	B	M	4.7 - 4.4 / 2.2	20	86.5	0.7	4.54	250	330	6205-ZZ	6205-ZZ	52
PE182TC-1.5-6	1.5	1200	182TC	1.15	F	B	M	5.2 - 4.8 / 2.4	20	87.5	0.68	6.8	200	290	6306-ZZ	6306-ZZ	93
PE145TC-2-2	2	3600	145TC	1.15	F	B	L	5.8 - 5.3 / 2.65	25	85.5	0.82	3	190	285	6205-ZZ	6205-ZZ	49
PE145TC-2-4	2	1800	145TC	1.15	F	B	L	6.6 - 6.2 / 3.1	25	86.5	0.72	6.05	235	280	6205-ZZ	6205-ZZ	56
PE184TC-2-6	2	1200	184TC	1.15	F	B	L	6.4 - 5.9 / 2.95	25	88.5	0.7	9.1	190	280	6306-ZZ	6306-ZZ	91
PE182TC-3-2	3	3600	182TC	1.15	F	B	K	7.9 - 7.4 / 3.7	32	86.5	0.85	4.49	180	280	6306-ZZ	6306-ZZ	88
PE182TC-3-4	3	1800	182TC	1.15	F	B	K	8.2 - 7.6 / 3.8	32	89.5	0.77	9	215	300	6306-ZZ	6306-ZZ	92
PE213TC-3-6	3	1200	213TC	1.15	F	B	K	9.2 - 8.4 / 4.2	32	89.5	0.7	13.47	190	280	6308-ZZ	6308-ZZ	150
PE184TC-5-2	5	3600	184TC	1.15	F	B	J	13 - 11.6 / 5.8	46	88.5	0.9	7.46	170	285	6306-ZZ	6306-ZZ	102
PE184TC-5-4	5	1800	184TC	1.15	F	B	J	14 - 13.6 / 6.8	46	89.5	0.78	15	185	280	6306-ZZ	6306-ZZ	101
PE215TC-5-6	5	1200	215TC	1.15	F	B	J	15.6 - 14.2 / 7.1	46	89.5	0.73	22.5	190	280	6308-ZZ	6308-ZZ	153
PE213TC-7.5-2	7.5	3600	213TC	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.19	160	290	6308-ZZ	6308-ZZ	154
PE213TC-7.5-4	7.5	1800	213TC	1.15	F	B	H	19.8 - 18.4 / 9.2	63	91.7	0.8	22.51	180	280	6308-ZZ	6308-ZZ	159
PE254TC-7.5-6	7.5	1200	254TC	1.15	F	B	H	21 - 19.6 / 9.8	63	91	0.74	33.65	185	280	6309	6309	242
PE215TC-10-2	10	3600	215TC	1.15	F	B	H	23.9 - 22.8 / 11.4	81	90.2	0.92	14.9	160	290	6308-ZZ	6308-ZZ	163
PE215TC-10-4	10	1800	215TC	1.15	F	B	H	26 - 24 / 12	81	91.7	0.81	30.02	170	280	6308-ZZ	6308-ZZ	181
PE256TC-10-6	10	1200	256TC	1.15	F	B	H	27.2 - 25.6 / 12.8	81	91	0.76	44.9	180	270	6309	6309	269
PE215TC-15-2	15	3600	215TC	1.15	F	B	G	37 - 35 / 17.5	116	91	0.91	22.4	170	280	6308-ZZ	6308-ZZ	183
PE254TC-15-2	15	3600	254TC	1.15	F	B	G	36.2 - 34.4 / 17.2	116	91	0.89	22.2	150	260	6309	6309	261
PE254TC-15-4	15	1800	254TC	1.15	F	B	G	37.2 - 36.4 / 18.2	116	92.4	0.81	44.8	170	260	6309	6309	280
PE256TC-20-2	20	3600	256TC	1.15	F	B	G	48.5 - 46 / 23	145	91	0.87	29.76	150	250	6309	6309	269
PE256TC-20-4	20	1800	256TC	1.15	F	B	G	51.8 - 48.4 / 24.2	145	93	0.83	59.8	160	260	6309	6309	322
PE256TC-25-2	25	3600	256TC	1.15	F	B	G	60 - 56 / 28	182	91.7	0.91	37.2	160	260	6309	6309	306
PE284TC-25-2	25	3600	284TC	1.15	F	B	G	61 - 57 / 28.5	182	91.7	0.9	37.2	150	240	6311	6311	393
PE284TSC-25-2	25	3600	284TSC	1.15	F	B	G	61 - 57 / 28.5	182	91.7	0.9	37.2	150	240	6311	6311	393
PE284TC-25-4	25	1800	284TC	1.15	F	B	G	65 - 60 / 30	182	93.6	0.84	74.3	160	255	6311	6311	396
PE284TSC-25-4	25	1800	284TSC	1.15	F	B	G	65 - 60 / 30	182	93.6	0.84	74.3	160	255	6311	6311	396
PE286TC-30-2	30	3600	286TC	1.15	F	B	G	74 - 69 / 34.5	217	91.7	0.9	44.5	150	260	6311	6311	401
PE286TSC-30-2	30	3600	286TSC	1.15	F	B	G	74 - 69 / 34.5	217	91.7	0.9	44.5	150	260	6311	6311	401
PE286TC-30-4	30	1800	286TC	1.15	F	B	G	76 - 70.6 / 35.3	217	93.6	0.84	89.1	160	250	6311	6311	434
PE286TSC-30-4	30	1800	286TSC	1.15	F	B	G	76 - 70.6 / 35.3	217	93.6	0.84	89.1	160	250	6311	6311	434
PE286TC-40-2	40	3600	286TC	1.15	F	B	G	95 - 89 / 44.5	290	92.4	0.91	59.2	180	290	6311	6311	411
PE286TSC-40-2	40	3600	286TSC	1.15	F	B	G	95 - 89 / 44.5	290	92.4	0.91	59.2	180	290	6311	6311	411
PE324TC-40-2	40	3600	324TC	1.15	F	B	G	94.9 - 91 / 45.5	290	92.4	0.9	59.2	140	250	6312	6312	550
PE324TSC-40-2	40	3600	324TSC	1.15	F	B	G	94.9 - 91 / 45.5	290	92.4	0.9	59.2	140	250	6312	6312	513
PE324TC-40-4	40	1800	324TC	1.15	F	B	G	100 - 93.2 / 46.6	290	94.1	0.83	118.8	160	245	6312	6312	551
PE324TSC-40-4	40	1800	324TSC	1.15	F	B	G	100 - 93.2 / 46.6	290	94.1	0.83	118.8	160	245	6312	6312	551
PE326TC-50-2	50	3600	326TC	1.15	F	B	G	124 - 116.2 / 58.1	362	93	0.91	73.9	140	250	6312	6312	586
PE326TSC-50-2	50	3600	326TSC	1.15	F	B	G	124 - 116.2 / 58.1	362	93	0.91	73.9	140	250	6312	6312	586
PE326TC-50-4	50	1800	326TC	1.15	F	B	G	124 - 116.6 / 58.3	362	94.5	0.83	148.4	160	255	6312	6312	626
PE326TSC-50-4	50	1800	326TSC	1.15	F	B	G	124 - 116.6 / 58.3	362	94.5	0.83	148.4	160	255	6312	6312	626
PE364TC-60-2	60	3600	364TC	1.15	F	B	G	146 - 132 / 66	435	93.6	0.92	88.55	140	255	6313	6313	805
PE364TSC-60-2	60	3600	364TSC	1.15	F	B	G	146 - 132 / 66	435	93.6	0.92	88.55	140	255	6313	6313	805
PE364TC-60-4	60	1800	364TC	1.15	F	B	G	154 - 139 / 69.5	435	95	0.85	177.55	160	240	6313	6313	800
PE364TSC-60-4	60	1800	364TSC	1.15	F	B	G	154 - 139 / 69.5	435	95	0.85	177.55	160	240	6313	6313	800
PE365TC-75-2	75	3600	365TC	1.15	F	B	G	184 - 166 / 83	542	93.6	0.91	110.69	130	250	6313	6313	857
PE365TSC-75-2	75	3600	365TSC	1.15	F	B	G	184 - 166 / 83	542	93.6	0.91	110.69	130	250	6313	6313	857
PE365TC-75-4	75	1800	365TC	1.15	F	B	G	193 - 174 / 87	542	95.4	0.85	221.95	160	250	6313	6313	881
PE365TSC-75-4	75	1800	365TSC	1.15	F	B	G	193 - 174 / 87	542	95.4	0.85	221.95	160	250	6313	6313	881
PE405TC-100-2	100	3600	405TC	1.15	F	B	G	248 - 224 / 112	725	94.1	0.9	147.2	130	245	6314	6314	1148
PE405TSC-100-2	100	3600	405TSC	1.15	F	B	G	248 - 224 / 112	725	94.1	0.9	147.2	130	245	6314	6314	1148
PE405TC-100-4	100	1800	405TC	1.15	F	B	G	248 - 224 / 112	725	95.4	0.87	295.17	155	240	6318	6314	1228
PE405TSC-100-4	100	1800	405TSC	1.15	F	B	G	248 - 224 / 112	725	95.4	0.87	295.17	155	240	6318	6314	1228
PE444TSC-125-2	125	3600	444TSC	1.15	F	B	G	140	907	95	0.92	183.75	130	250	6314	6314	1383
PE444TC-125-4	125	1800	444TC	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	6319	6318	1523
PE444TSC-125-4	125	1800	444TSC	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	6319	6318	1523
PE444TC-125-4-IN	125	1800	444TC	1.15	F	B	G	145	907	95.4	0.87	368.93	150	250	6319	6318/C3VL0241	1523
PE445TSC-150-2	150	3600	445TSC	1.15	F	B	G	166	1085	95	0.9	220.42	130	245	6314	6314	1511
PE445TC-150-4	150	1800	445TC	1.15	F	B	G	171	1085	95.8	0.87						

Performance Data—Round Body

1 HP—30 HP GENERAL PURPOSE C-FLANGE W/ ROUND BODY CAST IRON

143TC—286TC FRAME
THREE-PHASE
TEFC



GENERAL
PURPOSE

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143TC-1.4-RB-AI	1	1740	143TC	1.15	F	B	M	3.4/1.7	15	85.5	0.76	3.02	300	310	6206-ZZ	6206-ZZ	65
PE145TC-1.5-4-RB-AI	1.5	1740	145TC	1.15	F	B	M	5/2.5	20	86.5	0.76	4.54	320	330	6206-ZZ	6206-ZZ	68
PE145TC-2-4-RB-AI	2	1740	145TC	1.15	F	B	L	6.2/3.1	25	86.5	0.8	6.05	320	330	6206-ZZ	6206-ZZ	66
PE182TC-3-4-RB-AI	3	1745	182TC	1.15	F	B	K	9.2/4.6	32	89.5	0.82	9	250	320	6207-ZZ	6207-ZZ	101
PE184TC-5-4-RB-AI	5	1745	184TC	1.15	F	B	J	15/7.5	46	89.5	0.85	15	240	290	6207-ZZ	6207-ZZ	112
PE213TC-7.5-4-RB-AI	7.5	1750	213TC	1.15	F	B	H	22/11	63	91.7	0.85	22.5	195	260	6208-ZZ	6208-ZZ	189
PE215TC-10-4-RB-AI	10	1750	215TC	1.15	F	B	H	29.8/14.9	81	91.7	0.86	30	190	250	6208-ZZ	6208-ZZ	196
PE254TC-15-4-RB-AI	15	1750	254TC	1.15	F	B	G	45.8/22.9	116	92.4	0.86	44.8	185	230	6309	6309	328
PE256TC-20-4-RB-AI	20	1750	256TC	1.15	F	B	G	59.2/29.6	145	93	0.85	59.8	200	220	6309	6309	350
PE284TC-25-4-RB-AI	25	1760	284TC	1.15	F	B	G	71/35.5	182	93.6	0.9	74.3	180	260	6311	6311	462
PE286TC-30-4-RB-AI	30	1760	286TC	1.15	F	B	G	83.6/41.8	217	93.6	0.9	89.1	185	280	6311	6311	484

Performance Data—ODP

1 HP—300 HP
GENERAL PURPOSE
OPEN DRIP PROOF (ODP)
ROLLED STEEL 1 HP—20 HP
CAST IRON 15 HP—300 HP

143T—449T FRAME
THREE-PHASE

GENERAL
PURPOSE



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143T-1.4-ODP	1	1800	143T	1.15	F	B	M	3.5 - 3.2 / 1.6	15	85.5	0.71	3.02	275	310	6205-ZZ	6205-ZZ	37
PE143T-1.5-2-ODP	1.5	3600	143T	1.15	F	B	M	4.4 - 4 / 2	20	84	0.8	2.2	200	280	6205-ZZ	6205-ZZ	35
PE145T-1.5-4-ODP	1.5	1800	145T	1.15	F	B	M	5.1 - 4.6 / 2.3	20	86.5	0.7	4.54	250	330	6205-ZZ	6205-ZZ	42
PE145T-2.2-ODP	2	3600	145T	1.15	F	B	L	5.7 - 5.2 / 2.6	25	85.5	0.82	3	200	285	6205-ZZ	6205-ZZ	37
PE145T-2.4-ODP	2	1800	145T	1.15	F	B	L	6.6 - 6 / 3	25	86.5	0.73	6.05	235	280	6205-ZZ	6205-ZZ	43
PE145T-3.2-ODP	3	3600	145T	1.15	F	B	K	8.1 - 7.4 / 3.7	32	85.5	0.87	4.5	200	280	6205-ZZ	6205-ZZ	43
PE182T-3.4-ODP	3	1800	182T	1.15	F	B	K	9 - 8.2 / 4.1	32	89.5	0.76	9	200	300	6206-ZZ	6206-ZZ	82
PE182T-5.2-ODP	5	3600	182T	1.15	F	B	J	13.6 - 12.4 / 6.2	46	86.5	0.88	7.5	200	280	6206-ZZ	6206-ZZ	82
PE184T-5.4-ODP	5	1800	184T	1.15	F	B	J	14.7 - 13.4 / 6.7	46	89.5	0.79	15	190	280	6206-ZZ	6206-ZZ	98
PE184T-7.5-2-ODP	7.5	3600	184T	1.15	F	B	H	19.4 - 17.6 / 8.8	63	88.5	0.9	11.19	200	290	6206-ZZ	6206-ZZ	98
PE213T-7.5-4-ODP	7.5	1800	213T	1.15	F	B	H	21.1 - 19.2 / 9.6	63	91	0.8	22.51	200	280	6208-ZZ	6208-ZZ	138
PE213T-10-2-ODP	10	3600	213T	1.15	F	B	H	28.2 - 25.6 / 12.8	81	89.5	0.91	14.9	160	290	6208-ZZ	6208-ZZ	135
PE215T-10-4-ODP	10	1800	215T	1.15	F	B	H	28.6 - 26 / 13	81	91.7	0.79	30.02	190	270	6208-ZZ	6208-ZZ	154
PE215T-15-2-ODP	15	3600	215T	1.15	F	B	G	41.8 - 38 / 19	116	90.2	0.89	22.2	150	260	6208-ZZ	6208-ZZ	156
PE254T-15-4-ODP	15	1800	254T	1.15	F	B	G	40 - 36 / 18	116	93	0.84	44.9	170	260	6309	6309	275
PR254T15M4A-ODP	15	1800	254T	1.15	F	B	G	42-38.4/19.2	133	93	0.79	32.99	241	240	6309-2RZC3	6208-2RZC3	230
PE254T-20-2-ODP	20	3600	254T	1.15	F	B	G	51 - 46 / 23	145	91	0.9	29.76	150	250	6309	6309	264
PE256T-20-4-ODP	20	1800	256T	1.15	F	B	G	53 - 48 / 24	145	93	0.84	59.6	170	265	6309	6309	304
PR256T20M4A-ODP	20	1800	256T	1.15	F	B	G	57-52/26	174	93	0.78	59.57	225	222	6309-2RZC3	6208-2RZC3	230
PE256T-25-2-ODP	25	3600	256T	1.15	F	B	G	63 - 57 / 28.5	182	91.7	0.89	37.2	160	240	6309	6309	282
PE284T-25-4-ODP	25	1800	284T	1.15	F	B	G	66 - 60 / 30	182	93.6	0.85	74.3	160	250	6311	6311	378
PE284TS-30-2-ODP	30	3600	284TS	1.15	F	B	G	77 - 70 / 35	217	91.7	0.88	44.6	150	260	6311	6311	374
PE286T-30-4-ODP	30	1800	286T	1.15	F	B	G	77 - 70 / 35	217	94.1	0.85	89.1	190	250	6311	6311	403
PE286TS-40-2-ODP	40	3600	286TS	1.15	F	B	G	99 - 90 / 45	290	92.4	0.89	59.2	160	250	6311	6311	414
PE324T-40-4-ODP	40	1800	324T	1.15	F	B	G	106 - 96 / 48	290	94.1	0.83	118.8	170	250	6312	6312	521
PE324TS-40-4-ODP	40	1800	324TS	1.15	F	B	G	106 - 96 / 48	290	94.1	0.83	118.8	170	250	6312	6312	521
PE324TS-50-2-ODP	50	3600	324TS	1.15	F	B	G	122 - 110 / 55	362	93	0.9	73.9	170	260	6312	6312	508
PE326T-50-4-ODP	50	1800	326T	1.15	F	B	G	130 - 118 / 59	362	94.5	0.83	148.4	170	260	6312	6312	569
PE326TS-50-4-ODP	50	1800	326TS	1.15	F	B	G	130 - 118 / 59	362	94.5	0.83	148.4	170	260	6312	6312	569
PE326TS-60-2-ODP	60	3600	326TS	1.15	F	B	G	146 - 132 / 66	435	93.6	0.91	88.55	170	255	6312	6312	554
PE364T-60-4-ODP	60	1800	364T	1.15	F	B	G	155 - 140 / 70	435	95	0.84	177.55	160	240	6313	6313	726
PE364TS-60-4-ODP	60	1800	364TS	1.15	F	B	G	155 - 140 / 70	435	95	0.84	177.55	160	240	6313	6313	726
PE364TS-75-2-ODP	75	3600	364TS	1.15	F	B	G	184 - 166 / 83	542	93.6	0.9	110.69	190	250	6313	6313	734
PE365T-75-4-ODP	75	1800	365T	1.15	F	B	G	191 - 174 / 87	542	95	0.85	221.95	170	250	6313	6313	754
PE365TS-75-4-ODP	75	1800	365TS	1.15	F	B	G	191 - 174 / 87	542	95	0.85	221.95	170	250	6313	6313	754
PE365TS-100-2-ODP	100	3600	365TS	1.15	F	B	G	245 - 222 / 111	725	93.6	0.89	147.2	190	245	6313	6313	737
PE404T-100-4-ODP	100	1800	404T	1.15	F	B	G	246 - 224 / 112	725	95.4	0.87	296	150	240	NU318	6314	1115
PE404TS-100-4-ODP	100	1800	404TS	1.15	F	B	G	246 - 224 / 112	725	95.4	0.87	296	150	240	6318	6314	1115
PE404T-100-4-BB-ODP	100	1800	404T	1.15	F	B	G	246 - 224 / 112	725	95.4	0.87	296	150	240	6318	6314	1115
PE404TS-125-2-ODP	125	3600	404TS	1.15	F	B	G	138	907	94.1	0.9	183.75	140	250	6314	6314	1003
PE405T-125-4-ODP	125	1800	405T	1.15	F	B	G	141	907	95.4	0.87	368.93	150	250	NU318	6314	1179
PE405T-125-4-BB-ODP	125	1800	405T	1.15	F	B	G	141	907	95.4	0.87	368.93	150	250	6318	6314	1179
PE405TS-125-4-ODP	125	1800	405TS	1.15	F	B	G	141	907	95.4	0.87	368.93	150	250	6318	6314	1177
PE405TS-150-2-ODP	150	3600	405TS	1.15	F	B	G	166	1085	94.1	0.9	220.42	150	250	6314	6314	1076
PE444T-150-4-ODP	150	1800	444T	1.15	F	B	G	167	1085	95.8	0.88	442.74	150	250	NU319	6318	1702
PE444T-150-4-BB-ODP	150	1800	444T	1.15	F	B	G	167	1085	95.8	0.88	442.74	150	250	6319	6318	1702
PE444TS-150-4-ODP	150	1800	444TS	1.15	F	B	G	167	1085	95.8	0.88	442.74	150	250	6319	6318	1702
PE444TS-200-2-ODP	200	3600	444TS	1.15	F	B	G	219	1450	95	0.9	293.9	130	240	6314	6314	1519
PE445T-200-4-ODP	200	1800	445T	1.15	F	B	G	220	1450	95.8	0.88	590.25	150	240	NU319	6318	1790
PE445T-200-4-BB-ODP	200	1800	445T	1.15	F	B	G	220	1450	95.8	0.88	590.25	150	240	6319	6318	1790
PE445TS-200-4-ODP	200	1800	445TS	1.15	F	B	G	220	1450	95.8	0.88	590.25	150	240	6319	6318	1790
PE445TS-250-2-ODP	250	3600	445TS	1.15	F	B	G	270	1825	95	0.91	367.38	130	240	6314	6314	1603
PE447T-250-4-ODP	250	1800	447T	1.15	F	B	G	280	1825	95.8	0.87	737.8	140	250	NU319	6318	1930
PE447TS-300-2-ODP	300	3600	447TS	1.15	F	B	G	322	2200	95.4	0.91	440.85	130	245	6314	6314	1759
PE449T-300-4-ODP	300	1800	449T	1.15	F	B	G	335	2200	95.8	0.87	885.37	140	245	NU319	6318	2218

Performance Data—Crusher Duty

1 HP—600 HP CRUSHER DUTY DESIGN C TEFC

143T-586/7UZ FRAME
THREE-PHASE



GENERAL
PURPOSE

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143T-1-4C	1	1800	143T	1.15	F	C	M	3.6 - 3.3 / 1.65	15	82.5	0.69	3.02	290	300	6205-ZZ	6205-ZZ	40
PE145T-1-6C	1	1200	145T	1.15	F	C	M	4.2 - 3.8 / 1.9	15	80	0.62	4.61	260	320	6205-ZZ	6205-ZZ	48
PE182T-1-8C	1	900	182T	1.15	F	C	M	4.2 - 3.8 / 1.9	15	75.5	0.66	6.1	230	320	6306-ZZ	6306-ZZ	67
PE145T-1.5-4C	1.5	1800	145T	1.15	F	C	M	5.3 - 4.8 / 2.4	20	84	0.71	4.5	290	310	6205-ZZ	6205-ZZ	48
PE182T-1.5-6C	1.5	1200	182T	1.15	F	C	M	5.5 - 5 / 2.5	20	85.5	0.67	6.8	255	350	6306-ZZ	6306-ZZ	85
PE184T-1.5-8C	1.5	900	184T	1.15	F	C	M	5.8 - 5.3 / 2.65	20	78.5	0.69	9.2	230	320	6306-ZZ	6306-ZZ	78
PE145T-2-4C	2	1800	145T	1.15	F	C	L	6.2 - 5.6 / 2.8	25	84	0.77	6.05	290	300	6205-ZZ	6205-ZZ	51
PE184T-2-6C	2	1200	184T	1.15	F	C	L	7.1 - 6.4 / 3.2	25	86.5	0.67	9.1	255	310	6306-ZZ	6306-ZZ	93
PE213T-2-8C	2	900	213T	1.15	F	C	L	7.5 - 6.8 / 3.4	25	84	0.69	12.4	230	280	6308-ZZ	6308-ZZ	132
PE182T-3-4C	3	1800	182T	1.15	F	C	K	10.2 - 9.2 / 4.6	32	87.5	0.7	8.8	270	320	6306-ZZ	6306-ZZ	89
PE213T-3-6C	3	1200	213T	1.15	F	C	K	9.7 - 8.8 / 4.4	32	87.5	0.74	13.47	250	320	6308-ZZ	6308-ZZ	136
PE215T-3-8C	3	900	215T	1.15	F	C	K	10.8 - 9.8 / 4.9	32	85.5	0.7	18.5	230	280	6308-ZZ	6308-ZZ	163
PE184T-5-4C	5	1800	184T	1.15	F	C	J	15.9 - 14.4 / 7.2	46	87.5	0.74	14.8	255	320	6306-ZZ	6306-ZZ	101
PE215T-5-6C	5	1200	215T	1.15	F	C	J	16.1 - 14.6 / 7.3	46	87.5	0.74	22.5	250	290	6308-ZZ	6308-ZZ	162
PE254T-5-8C	5	900	254T	1.15	F	C	J	17.5 - 15.8 / 7.9	46	86.5	0.69	30.5	230	280	6309	6309	218
PE213T-7.5-4C	7.5	1800	213T	1.15	F	C	H	23.2 - 21 / 10.5	63	89.5	0.74	22	250	280	6308-ZZ	6308-ZZ	136
PE254T-7.5-6C	7.5	1200	254T	1.15	F	C	H	23.2 - 21 / 10.5	63	89.5	0.74	33.65	225	290	6309	6309	249
PE256T-7.5-8C	7.5	900	256T	1.15	F	C	H	24.3 - 22 / 11	63	86.5	0.72	45.5	200	280	6309	6309	251
PE215T-10-4C	10	1800	215T	1.15	F	C	H	31 - 28 / 14	81	89.5	0.74	30.02	250	280	6308-ZZ	6308-ZZ	160
PE256T-10-6C	10	1200	256T	1.15	F	C	H	31 - 28 / 14	81	89.5	0.75	44.9	225	270	6309	6309	274
PE284T-10-8C	10	900	284T	1.15	F	C	H	32.2 - 29.2 / 14.6	81	89.5	0.72	60	200	280	6311	6311	306
PE254T-15-4C	15	1800	254T	1.15	F	C	G	42 - 38 / 19	116	91	0.81	44.8	225	270	6309	6309	270
PE284T-15-6C	15	1200	284T	1.15	F	C	G	43.1 - 39 / 19.5	116	90.2	0.8	67.07	210	250	6311	6311	350
PE286T-15-8C	15	900	286T	1.15	F	C	G	47 - 43 / 21.5	116	89.5	0.73	89.5	200	280	6311	6311	352
PE256T-20-4C	20	1800	256T	1.15	F	C	G	53.5 - 48.4 / 24.2	145	91	0.85	59.8	200	255	6309	6309	306
PE286T-20-6C	20	1200	286T	1.15	F	C	G	56 - 50.6 / 25.3	145	90.2	0.82	89.42	200	260	6311	6311	372
PE324T-20-8C	20	900	324T	1.15	F	C	G	61 - 56 / 28	145	90.2	0.75	120	200	280	6312	6312	491
PE284T-25-4C	25	1800	284T	1.15	F	C	G	66.3 - 60 / 30	182	92.4	0.85	74.3	200	250	6311	6311	372
PE324T-25-6C	25	1200	324T	1.15	F	C	G	68.6 - 62 / 31	182	91.7	0.82	111.4	200	245	6312	6312	508
PE326T-25-8C	25	900	326T	1.15	F	C	G	77 - 70 / 35	182	90.2	0.75	150	205	290	6312	6312	508
PE286T-30-4C	30	1800	286T	1.15	F	C	G	78.1 - 70.6 / 35.3	217	92.4	0.86	89.1	200	260	6311	6311	387
PE326T-30-6C	30	1200	326T	1.15	F	C	G	82.9 - 75 / 37.5	217	91.7	0.81	133.56	200	240	6312	6312	519
PE364T-30-8C	30	900	364T	1.15	F	C	G	88 - 80 / 40	217	91.7	0.76	177.5	200	270	6313	6313	671
PE324T-40-4C	40	1800	324T	1.15	F	C	G	103.1 - 93.2 / 46.6	290	93	0.85	118.9	200	265	6312	6312	521
PE364T-40-6C	40	1200	364T	1.15	F	C	G	107.3 - 97 / 48.5	290	93	0.83	178.08	200	230	6313	6313	697
PE365T-40-8C	40	900	365T	1.15	F	C	G	115 - 105 / 52.5	290	91.7	0.78	238	200	240	6313	6313	719
PE326T-50-4C	50	1800	326T	1.15	F	C	G	128.9 - 116.6 / 58.3	362	93	0.87	148.4	200	265	6312	6312	565
PE365T-50-6C	50	1200	365T	1.15	F	C	G	132.7 - 120 / 60	362	93	0.84	222.6	200	240	6313	6313	752
PE404T-50-8C	50	900	404T	1.15	F	C	G	139 - 126 / 63	362	92.4	0.8	298	200	240	NU315	6314	902
PE364T-60-4C	60	1800	364T	1.15	F	C	G	154.8 - 140 / 70	435	93.6	0.87	177.55	200	255	6313	6313	730
PE404T-60-6C	60	1200	404T	1.15	F	C	G	154.8 - 140 / 70	435	93.6	0.86	266	200	250	6315	6314	950
PE405T-60-8C	60	900	405T	1.15	F	C	G	160 - 152 / 76	435	92.4	0.8	358	200	245	NU315	6314	990
PE365T-75-4C	75	1800	365T	1.15	F	C	G	190.2 - 172 / 86	542	94.1	0.87	222	200	260	6313	6313	774
PE405T-75-6C	75	1200	405T	1.15	F	C	G	192.4 - 174 / 87	542	93.6	0.86	336	200	245	6315	6314	1078
PE444T-75-8C	75	900	444T	1.15	F	C	G	210 - 190 / 95	542	93.6	0.8	445	200	240	NU319	6318	1353
PE405T-100-4C	100	1800	405T	1.15	F	C	G	251 - 227 / 113.5	725	94.5	0.88	295.12	200	250	6315	6314	1063
PE444T-100-6C	100	1200	444T	1.15	F	C	G	261 - 236 / 118	725	94.1	0.84	445.2	200	250	NU319	6318	1315
PE445T-100-8C	100	900	445T	1.15	F	C	G	276 - 250 / 125	725	93.6	0.82	593	200	230	NU319	6318	1452
PE444T-125-4C	125	1800	444T	1.15	F	C	G	140	907	94.5	0.89	368.93	200	245	NU319	6318	1364
PE445T-125-6C	125	1200	445T	1.15	F	C	G	143	907	94.1	0.87	556.51	200	245	NU319	6318	1443
PE447T-125-8C	125	900	447T	1.15	F	C	G	158	907	94.1	0.79	740	200	230	NU319	6318	1680
PE445T-150-4C	150	1800	445T	1.15	F	C	G	166	1085	95	0.89	442.74	200	245	NU319	6318	1694
PE447T-150-6C	150	1200	447T	1.15	F	C	G	168	1085	95	0.88	667.8	200	230	NU319	6318	1678
PE449T-150-8C	150	900	449T	1.15	F	C	G	180	1085	94.1	0.83	890	200	225	NU319	6318	1975
PE447T-200-4C	200	1800	447T	1.15	F	C	G	221	1450	95	0.89	590.25	200	250	NU319	6318	1782
PE449T-200-6C	200	1200	449T	1.15	F	C	G	224	1450	95	0.88	890	200	230	NU319	6318	2024
PE449T-250-4C	250	1800	449T	1.15	F	C	G	283	1825	95	0.87	738	200	230	NU319	6318	2120
PE505UZ-250-4C	250	1800	505UZ	1.15	F	C	G	275	1825	96.2	0.87	732	200	280	NU322	6319	2300
PE449T-250-6C	250	1200	449T	1.15	F	C	G	280	1825	95	0.82	1110	140	220	NU319	6318	2323
PE505UZ-250-6C	250	1200	505UZ	1.15	F	C	G	280	1825	95.8	0.87	1105	200	260	NU322	6319	2800
PE449T-300-4C	300	1800	449T	1.15	F	C	G	335	2200	95.4	0.87	885.37	140	245	NU319	6318	2220
PE505UZ-300-4C	300	1800	505UZ	1.15	F	C	G	330	2200	96.2	0.87	880	200	280	NU322	6319	2600
PE587UZ-300-4C	300	1800	587UZ	1.15	F	C	G	322.3	2200	95.4	0.885	882	200	250	NU324	6319	4615.6
PE449T-300-6C	300	1200	449T	1.15	F	C	G	357	2200	95	0.82	1332	140	220	NU319	6318	2532
PE505UZ-300-6C	300	1200	505UZ	1.15	F	C	G	338	2200	95.8	0.87	1326	200	260	NU322	6319	3160
PE587UZ-300-6C	300	1200	587UZ	1.15	F	C	G	332	2200	95	0.845	1328	200	230	NU324	6319	5330.6
PE505UZ-350-4C	350	1800	505UZ	1.15	F	C	G	390	2550	96.2	0.87	1028	200	280	NU322	6319	2900
PE587UZ-350-4C	350	1800	587UZ	1.15	F	C	G	378.5	2550	96.2	0.882	1029	200	270	NU324	6319	4846.6
PE505UZ-350-6C	350	1200	505UZ	1.15	F	C	G	393	2550	95.8	0.87	1543	200	260	NU322	6319	3440
PE587UZ-350-6C	350	1200	587UZ	1.15	F	C	G	390.4	2550	95.8	0.852	1548	200	230	NU324	6319	5176
PE587UZ-400-4C	400	1800	587UZ	1.15	F	C	G	434.9	2900	96.2	0.887	1176	200	250	NU324	6319	4983
PE587UZ-400-6C	400	1200	587UZ	1.15	F	C	G	448.6	2900	95.8	0.859	1769	200	230	NU324	6319	5940
PE587UZ-450-4C	450	1789	587UZ	1.15	F	C	G	487.2	3250	96.2	0.896	1323	200	230	NU324	6319	5370.2
PE587UZ-450-6C	450</																

Performance Data—Crusher Duty

1 HP—300 HP CRUSHER DUTY DESIGN C C-FLANGE W/ FEET CAST IRON



143TC—449TC FRAME
THREE-PHASE
TEFC

GENERAL
PURPOSE

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143TC-1-4C	1	1800	143TC	1.15	F	C	M	3.6 - 3.3 / 1.65	15	82.5	0.69	3.02	290	300	6205-ZZ	6205-ZZ	40
PE145TC-1-6C	1	1200	145TC	1.15	F	C	M	4.2 - 3.8 / 1.9	15	80	0.62	4.61	260	320	6205-ZZ	6205-ZZ	48
PE145TC-1.5-4C	1.5	1800	145TC	1.15	F	C	M	5.3 - 4.8 / 2.4	20	84	0.71	4.5	290	310	6205-ZZ	6205-ZZ	48
PE182TC-1.5-6C	1.5	1200	182TC	1.15	F	C	M	5.5 - 5 / 2.5	20	85.5	0.67	6.8	255	350	6306-ZZ	6306-ZZ	85
PE145TC-2-4C	2	1800	145TC	1.15	F	C	L	6.2 - 5.6 / 2.8	25	84	0.77	6.05	290	300	6205-ZZ	6205-ZZ	51
PE184TC-2-6C	2	1200	184TC	1.15	F	C	L	7.1 - 6.4 / 3.2	25	86.5	0.67	9.1	255	310	6306-ZZ	6306-ZZ	93
PE182TC-3-4C	3	1800	182TC	1.15	F	C	K	10.2 - 9.2 / 4.6	32	87.5	0.7	8.8	270	320	6306-ZZ	6306-ZZ	89
PE213TC-3-6C	3	1200	213TC	1.15	F	C	K	9.7 - 8.8 / 4.4	32	87.5	0.74	13.47	250	320	6308-ZZ	6308-ZZ	136
PE184TC-5-4C	5	1800	184TC	1.15	F	C	J	15.9 - 14.4 / 7.2	46	87.5	0.74	14.8	255	320	6306-ZZ	6306-ZZ	101
PE215TC-5-6C	5	1200	215TC	1.15	F	C	J	16.1 - 14.6 / 7.3	46	87.5	0.74	22.5	250	290	6308-ZZ	6308-ZZ	162
PE213TC-7.5-4C	7.5	1800	213TC	1.15	F	C	H	23.2 - 21 / 10.5	63	89.5	0.74	22	250	280	6308-ZZ	6308-ZZ	136
PE254TC-7.5-6C	7.5	1200	254TC	1.15	F	C	H	23.2 - 21 / 10.5	63	89.5	0.74	33.65	225	290	6309	6309	249
PE215TC-10-4C	10	1800	215TC	1.15	F	C	H	31 - 28 / 14	81	89.5	0.74	30.02	250	280	6308-ZZ	6308-ZZ	160
PE256TC-10-6C	10	1200	256TC	1.15	F	C	H	31 - 28 / 14	81	89.5	0.75	44.9	225	270	6309	6309	274
PE254TC-15-4C	15	1800	254TC	1.15	F	C	G	42 - 38 / 19	116	91	0.81	44.8	225	270	6309	6309	270
PE284TC-15-6C	15	1200	284TC	1.15	F	C	G	43.1 - 39 / 19.5	116	90.2	0.8	67.07	210	250	6311	6311	350
PE256TC-20-4C	20	1800	256TC	1.15	F	C	G	53.5 - 48.4 / 24.2	145	91	0.85	59.8	200	255	6309	6309	306
PE286TC-20-6C	20	1200	286TC	1.15	F	C	G	56 - 50.6 / 25.3	145	90.2	0.82	89.42	200	260	6311	6311	372
PE284TC-25-4C	25	1800	284TC	1.15	F	C	G	66.3 - 60 / 30	182	92.4	0.85	74.3	200	250	6311	6311	372
PE324TC-25-6C	25	1200	324TC	1.15	F	C	G	68.6 - 62 / 31	182	91.7	0.82	111.4	200	245	6312	6312	508
PE286TC-30-4C	30	1800	286TC	1.15	F	C	G	78.1 - 70.6 / 35.3	217	92.4	0.86	89.1	200	260	6311	6311	387
PE326TC-30-6C	30	1200	326TC	1.15	F	C	G	82.9 - 75 / 37.5	217	91.7	0.81	133.56	200	240	6312	6312	519
PE324TC-40-4C	40	1800	324TC	1.15	F	C	G	103.1 - 93.2 / 46.6	290	93	0.85	118.9	200	265	6312	6312	521
PE364TC-40-6C	40	1200	364TC	1.15	F	C	G	107.3 - 97 / 48.5	290	93	0.83	178.08	200	230	6313	6313	697
PE326TC-50-4C	50	1800	326TC	1.15	F	C	G	128.9 - 116.6 / 58.3	362	93	0.87	148.4	200	265	6312	6312	565
PE365TC-50-6C	50	1200	365TC	1.15	F	C	G	132.7 - 120 / 60	362	93	0.84	222.6	200	240	6313	6313	752
PE364TC-60-4C	60	1800	364TC	1.15	F	C	G	154.8 - 140 / 70	435	93.6	0.87	177.55	200	255	6313	6313	730
PE404TC-60-6C	60	1200	404TC	1.15	F	C	G	154.8 - 140 / 70	435	93.6	0.86	266	200	250	6315	6314	950
PE365TC-75-4C	75	1800	365TC	1.15	F	C	G	190.2 - 172 / 86	542	94.1	0.87	222	200	260	6313	6313	774
PE405TC-75-6C	75	1200	405TC	1.15	F	C	G	192.4 - 174 / 87	542	93.6	0.86	336	200	245	6315	6314	1078
PE405TC-100-4C	100	1800	405TC	1.15	F	C	G	251 - 227 / 113.5	725	94.5	0.88	295.12	200	250	6315	6314	1063
PE444TC-100-6C	100	1200	444TC	1.15	F	C	G	261 - 236 / 118	725	94.1	0.84	445.2	200	250	6319	6318	1315
PE444TC-125-4C	125	1800	444TC	1.15	F	C	G	140	907	94.5	0.89	368.93	200	245	6319	6318	1364
PE445TC-125-6C	125	1200	445TC	1.15	F	C	G	143	907	94.1	0.87	556.51	200	245	6319	6318	1443
PE445TC-150-4C	150	1800	445TC	1.15	F	C	G	166	1085	95	0.89	442.74	200	245	6319	6318	1694
PE447TC-150-6C	150	1200	447TC	1.15	F	C	G	168	1085	95	0.88	667.8	200	230	6319	6318	1678
PE447TC-200-4C	200	1800	447TC	1.15	F	C	G	221	1450	95	0.89	590.25	200	250	6319	6318	1782
PE449TC-200-6C	200	1200	449TC	1.15	F	C	G	224	1450	95	0.88	890	200	230	6319	6318	2024
PE449TC-250-4C	250	1800	449TC	1.15	F	C	G	283	1825	95	0.87	738	200	230	6319	6318	2120
PE449TC-250-6C	250	1200	449TC	1.15	F	C	G	280	1825	95	0.82	1110	140	220	6319	6318	2323
PE449TC-300-4C	300	1800	449TC	1.15	F	C	G	335	2200	95.4	0.87	885.37	140	245	6319	6318	2220
PE449TC-300-6C	300	1200	449TC	1.15	F	C	G	357	2200	95	0.82	1332	140	220	6319	6318	2532

Performance Data—Stainless Steel

1/3 HP—20 HP WASHDOWN DUTY C-FLANGE W/ FEET STAINLESS STEEL



56C—256TC FRAME
THREE-PHASE
TEFC

STAINLESS
STEEL

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
SS56C1/3M-2	1/3	3600	56C	1.15	F	B	K	1.2 - 1.1 / 0.55	8	74	85	0.5	285	300	6205-2RS	6205-2RS	26
SS56C1/3M-4	1/3	1800	56C	1.15	F	B	K	1.4 - 1.2 / 0.6	8	82.5	71	1	285	300	6205-2RS	6205-2RS	28
SS56C1/2M-2	1/2	3600	56C	1.15	F	B	K	1.6 - 1.5 / 0.75	10	77	88	0.7	285	300	6205-2RS	6205-2RS	29
SS56C1/2M-4	1/2	1800	56C	1.15	F	B	K	1.8 - 1.6 / 0.8	10	82.5	78	1.5	285	300	6205-2RS	6205-2RS	29
SS56C1/2M-6	1/2	1200	56C	1.15	F	B	K	1.9 - 1.8 / 0.9	10	80	63	2.2	255	270	6205-2RS	6205-2RS	31
SS56C3/4M-2	3/4	3600	56C	1.15	F	B	K	2.3 - 2.2 / 1.1	12.5	80	90	1.1	285	300	6205-2RS	6205-2RS	33
SS56C3/4M-4	3/4	1800	56C	1.15	F	B	K	2.3 - 2.2 / 1.1	12.5	82.5	78	2.2	285	300	6205-2RS	6205-2RS	33
SS56C3/4M-6	3/4	1200	56C	1.15	F	B	K	3.0 - 2.8 / 1.4	12.5	80	65	3.3	255	280	6205-2RS	6205-2RS	34
PESS56C1M-2	1	3600	56C	1.15	F	B	K	2.9 - 2.8 / 1.4	15	77	88	1.5	285	300	6205-2RS	6205-2RS	35
PESS56C1M-4	1	1800	56C	1.15	F	B	K	3.1 - 3 / 1.5	15	85.5	71	3	285	300	6205-2RS	6205-2RS	36
PESS143TC1M-4	1	1800	143TC	1.15	F	B	K	3.1 - 3 / 1.5	15	85.5	71	3	285	300	6205-2RS	6205-2RS	37
PESS145TC1M-6	1	1200	145TC	1.15	F	B	K	4 - 3.8 / 1.9	15	82.5	61	4.4	255	270	6205-2RS	6205-2RS	43
PESS56C1.5M-2	1.5	3600	56C	1.15	F	B	K	4.2 - 4 / 2	20	84	86	2.3	285	300	6205-2RS	6205-2RS	39
PESS143TC1.5M-2	1.5	3480	143TC	1.15	F	B	K	4.2 - 4 / 2	20	84	86	2.3	285	300	6205-2RS	6205-2RS	40
PESS56C1.5M-4	1.5	1800	56C	1.15	F	B	K	5 - 4.6 / 2.3	20	86.5	72	4.4	285	300	6205-2RS	6205-2RS	42
PESS145TC1.5M-4	1.5	1800	145TC	1.15	F	B	K	5 - 4.6 / 2.3	20	86.5	72	4.4	285	300	6205-2RS	6205-2RS	43
PESS182TC1.5M-6	1.5	1200	182TC	1.15	F	B	L	5.4 - 4.9 / 2.45	20	85.5	70	6.6	255	270	6308-2RS	6306-2RS	79
PESS56C2M-2	2	3600	56C	1.15	F	B	K	4.9 - 4.8 / 2.4	25	85.5	90	2.9	285	300	6205-2RS	6205-2RS	45
PESS145TC2M-2	2	3600	145TC	1.15	F	B	K	4.9 - 4.8 / 2.4	25	85.5	90	2.9	285	300	6205-2RS	6205-2RS	46
PESS56C2M-4	2	1800	56C	1.15	F	B	K	6.2 - 6 / 3	25	86.5	75	5.9	285	300	6205-2RS	6205-2RS	51
PESS145TC2M-4	2	1800	145TC	1.15	F	B	K	6.2 - 6 / 3	25	86.5	75	5.9	285	300	6205-2RS	6205-2RS	52
PESS184TC2M-6	2	1200	184TC	1.15	F	B	L	6.6 - 6.1 / 3.05	25	86.5	71	8.8	255	270	6308-2RS	6306-2RS	95
PESS182TC3M-2	3	3600	182TC	1.15	F	B	K	8.8 - 8.1 / 4.05	32	86.5	89	4.4	270	290	6308-2RS	6306-2RS	77
PESS182TC3M-4	3	1800	182TC	1.15	F	B	K	8.4 - 8 / 4	32	89.5	81	8.8	270	290	6308-2RS	6306-2RS	78
PESS213TC3M-6	3	1200	213TC	1.15	F	B	K	9.3 - 8.6 / 4.3	32	87.5	74	13.2	250	280	6308-2RS	6208-2RS	160
PESS184TC5M-2	5	3600	184TC	1.15	F	B	J	12.6 - 12.2 / 6.1	46	88.5	91	7.3	255	280	6308-2RS	6306-2RS	95
PESS184TC5M-4	5	1800	184TC	1.15	F	B	J	13 - 12.5 / 6.25	46	89.5	86	14.7	255	280	6308-2RS	6306-2RS	99
PESS215TC5M-6	5	1200	215TC	1.15	F	B	J	14.5 - 13.6 / 6.8	46	87.5	78	22.1	250	270	6308-2RS	6208-2RS	197
PESS213TC7.5M-2	7.5	3600	213TC	1.15	F	B	H	20.5 - 19 / 9.5	63.5	89.5	85	11.1	250	270	6308-2RS	6208-2RS	151
PESS213TC7.5M-4	7.5	1800	213TC	1.15	F	B	H	20 - 18.6 / 9.3	63.5	91.7	83	22	250	270	6308-2RS	6208-2RS	179
PESS215TC10M-2	10	3600	215TC	1.15	F	B	H	26 - 24.4 / 12.2	81	90.2	87	14.7	250	270	6308-2RS	6208-2RS	166
PESS215TC10M-4	10	1800	215TC	1.15	F	B	H	26 - 24.4 / 12.2	81	91.7	85	29.3	250	270	6308-2RS	6208-2RS	210
PESS254TC15M-2	15	3600	254TC	1.15	F	B	G	40 - 37 / 18.5	116	91	90	22	225	260	6309-2RS	6309-2RS	253
PESS254TC15M-4	15	1800	254TC	1.15	F	B	G	40 - 37 / 18.5	116	92.4	88	44	225	260	6309-2RS	6309-2RS	286
PESS256TC20M-2	20	3600	256TC	1.15	F	B	G	50 - 46 / 23	145	91	90	29.3	200	250	6309-2RS	6309-2RS	286
PESS256TC20M-4	20	1800	256TC	1.15	F	B	G	53-49/24.5	145	93	88	58.6	200	250	6309-2RS	6309-2RS	352

Performance Data—Stainless Steel

1/3 HP—20 HP WASHDOWN DUTY ROUND BODY/C-FLANGE STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
SS56C1/3M-2-RB	1/3	3600	56C	1.15	F	B	K	1.2 - 1.1 / 0.55	8	74	85	0.5	285	300	6205-2RS	6205-2RS	26
SS56C1/3M-4-RB	1/3	1800	56C	1.15	F	B	K	1.4 - 1.2 / 0.6	8	82.5	71	1	285	300	6205-2RS	6205-2RS	28
SS56C1/2M-2-RB	1/2	3600	56C	1.15	F	B	K	1.6 - 1.5 / 0.75	10	77	88	0.7	285	300	6205-2RS	6205-2RS	29
SS56C1/2M-4-RB	1/2	1800	56C	1.15	F	B	K	1.8 - 1.6 / 0.8	10	82.5	78	1.5	285	300	6205-2RS	6205-2RS	29
SS56C1/2M-6-RB	1/2	1200	56C	1.15	F	B	K	1.9 - 1.8 / 0.9	10	80	63	2.2	255	270	6205-2RS	6205-2RS	31
SS56C3/4M-2-RB	3/4	3600	56C	1.15	F	B	K	2.3 - 2.2 / 1.1	12.5	80	90	1.1	285	300	6205-2RS	6205-2RS	33
SS56C3/4M-4-RB	3/4	1800	56C	1.15	F	B	K	2.3 - 2.2 / 1.1	12.5	82.5	78	2.2	285	300	6205-2RS	6205-2RS	33
SS56C3/4M-6-RB	3/4	1200	56C	1.15	F	B	K	3.0 - 2.8 / 1.4	12.5	80	65	3.3	255	280	6205-2RS	6205-2RS	34
PESS56C1M-2-RB	1	3600	56C	1.15	F	B	K	2.9 - 2.8 / 1.4	15	77	88	1.5	285	300	6205-2RS	6205-2RS	34
PESS56C1M-4-RB	1	1800	56C	1.15	F	B	K	3.1 - 3 / 1.5	15	85.5	71	3	285	300	6205-2RS	6205-2RS	35
PESS143TC1M-4-RB	1	1800	143TC	1.15	F	B	K	3.1 - 3 / 1.5	15	85.5	71	3	285	300	6205-2RS	6205-2RS	36
PESS145TC1M-6-RB	1	1200	145TC	1.15	F	B	K	4 - 3.8 / 1.9	15	82.5	61	4.4	255	270	6205-2RS	6205-2RS	42
PESS56C1.5M-2-RB	1.5	3600	56C	1.15	F	B	K	4.2 - 4 / 2	20	84	86	2.3	285	300	6205-2RS	6205-2RS	38
PESS143TC1.5M-2-RB	1.5	3600	143TC	1.15	F	B	K	4.2 - 4 / 2	20	84	86	2.3	285	300	6205-2RS	6205-2RS	39
PESS56C1.5M-4-RB	1.5	1800	56C	1.15	F	B	K	5 - 4.6 / 2.3	20	86.5	72	4.4	285	300	6205-2RS	6205-2RS	41
PESS145TC1.5M-4-RB	1.5	1800	145TC	1.15	F	B	K	5 - 4.6 / 2.3	20	86.5	72	4.4	285	300	6205-2RS	6205-2RS	42
PESS182TC1.5M-6-RB	1.5	1200	182TC	1.15	F	B	L	5.4 - 4.9 / 2.45	20	85.5	70	6.6	255	270	6308-2RS	6306-2RS	78
PESS56C2M-2-RB	2	3600	56C	1.15	F	B	K	4.9 - 4.8 / 2.4	25	85.5	90	2.9	285	300	6205-2RS	6205-2RS	44
PESS145TC2M-2-RB	2	3600	145TC	1.15	F	B	K	4.9 - 4.8 / 2.4	25	85.5	90	2.9	285	300	6205-2RS	6205-2RS	45
PESS56C2M-4-RB	2	1800	56C	1.15	F	B	K	6.2 - 6 / 3	25	86.5	75	5.9	285	300	6205-2RS	6205-2RS	50
PESS145TC2M-4-RB	2	1800	145TC	1.15	F	B	K	6.2 - 6 / 3	25	86.5	75	5.9	285	300	6205-2RS	6205-2RS	51
PESS184TC2M-6-RB	2	1200	184TC	1.15	F	B	L	6.6 - 6.1 / 3.05	25	86.5	71	8.8	255	270	6308-2RS	6306-2RS	94
PESS182TC3M-2-RB	3	3600	182TC	1.15	F	B	K	8.8 - 8.1 / 4.05	32	86.5	89	4.4	270	290	6308-2RS	6306-2RS	76
PESS182TC3M-4-RB	3	1800	182TC	1.15	F	B	K	8.4 - 8 / 4	32	89.5	81	8.8	270	290	6308-2RS	6306-2RS	77
PESS213TC3M-6-RB	3	1200	213TC	1.15	F	B	K	9.3 - 8.6 / 4.3	32	87.5	74	13.2	250	280	6308-2RS	6208-2RS	159
PESS184TC5M-2-RB	5	3600	184TC	1.15	F	B	J	12.6 - 12.2 / 6.1	46	88.5	91	7.3	255	280	6308-2RS	6306-2RS	94
PESS184TC5M-4-RB	5	1800	184TC	1.15	F	B	J	13 - 12.5 / 6.25	46	89.5	86	14.7	255	280	6308-2RS	6306-2RS	98
PESS215TC5M-6-RB	5	1200	215TC	1.15	F	B	J	14.5 - 13.6 / 6.8	46	87.5	78	22.1	250	270	6308-2RS	6208-2RS	196
PESS213TC7.5M-2-RB	7.5	3600	213TC	1.15	F	B	H	20.5 - 19 / 9.5	63.5	89.5	85	11.1	250	270	6308-2RS	6208-2RS	150
PESS213TC7.5M-4-RB	7.5	1800	213TC	1.15	F	B	H	20 - 18.6 / 9.3	63.5	91.7	83	22	250	270	6308-2RS	6208-2RS	178
PESS215TC10M-2-RB	10	3600	215TC	1.15	F	B	H	26 - 24.4 / 12.2	81	90.2	87	14.7	250	270	6308-2RS	6208-2RS	165
PESS215TC10M-4-RB	10	1800	215TC	1.15	F	B	H	26 - 24.4 / 12.2	81	91.7	85	29.3	250	270	6308-2RS	6208-2RS	209
PESS254TC15M-2-RB	15	3600	254TC	1.15	F	B	G	40 - 37 / 18.5	116	91	90	22	225	260	6309-2RS	6309-2RS	252
PESS254TC15M-4-RB	15	1800	254TC	1.15	F	B	G	40 - 37 / 18.5	116	92.4	88	44	225	260	6309-2RS	6309-2RS	285
PESS256TC20M-2-RB	20	3600	256TC	1.15	F	B	G	50 - 46 / 23	145	91	90	29.3	200	250	6309-2RS	6309-2RS	285
PESS256TC20M-4-RB	20	1800	256TC	1.15	F	B	G	53-49/24.5	145	93	88	58.6	200	250	6309-2RS	6309-2RS	351

STAINLESS
STEEL

Performance Data—Close Coupled

1 HP—75 HP CLOSE COUPLED JM FRAME CAST IRON

143JM—365JM FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143JM-1-4	1	1800	143JM	1.15	F	B	M	3.2 - 3 / 1.5	15	85.5	0.71	3.02	275	310	6206-ZZ	6205-ZZ	45
PE143JM-1.5-2	1.5	3600	143JM	1.15	F	B	M	4.4 - 4 / 2	20	84	0.74	2.2	200	280	6206-ZZ	6205-ZZ	47
PE145JM-1.5-4	1.5	1800	145JM	1.15	F	B	M	4.7 - 4.4 / 2.2	20	86.5	0.7	4.54	250	330	6206-ZZ	6205-ZZ	50
PE145JM-2-2	2	3600	145JM	1.15	F	B	L	5.8 - 5.3 / 2.65	25	85.5	0.82	3	190	285	6206-ZZ	6205-ZZ	49
PE145JM-2-4	2	1800	145JM	1.15	F	B	L	6.6 - 6.2 / 3.1	25	86.5	0.72	6.05	235	280	6206-ZZ	6205-ZZ	49
PE145JM-3-2	3	3600	145JM	1.15	F	B	K	9 - 8.2 / 4.1	32	86.5	0.8	4.55	200	300	6206-ZZ	6205-ZZ	60
PE182JM-3-2	3	3600	182JM	1.15	F	B	K	7.9 - 7.4 / 3.7	32	86.5	0.85	4.49	180	280	6208-ZZ	6306-ZZ	89
PE182JM-3-4	3	1800	182JM	1.15	F	B	K	8.2 - 7.6 / 3.8	32	89.5	0.77	9	215	300	6208-ZZ	6306-ZZ	89
PE184JM-5-2	5	3600	184JM	1.15	F	B	J	13 - 11.6 / 5.8	46	88.5	0.9	7.46	170	285	6208-ZZ	6306-ZZ	108
PE184JM-5-4	5	1800	184JM	1.15	F	B	J	14 - 13.6 / 6.8	46	89.5	0.78	15	185	280	6208-ZZ	6306-ZZ	96
PE184JM-7.5-2	7.5	3600	184JM	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.3	190	300	6208-ZZ	6306-ZZ	117
PE213JM-7.5-2	7.5	3600	213JM	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.19	160	290	6309-ZZ	6308-ZZ	156
PE213JM-7.5-4	7.5	1800	213JM	1.15	F	B	H	19.8 - 18.4 / 9.2	63	91.7	0.8	22.51	180	280	6309-ZZ	6308-ZZ	162
PE215JM-10-2	10	3600	215JM	1.15	F	B	H	23.9 - 22.8 / 11.4	81	90.2	0.92	14.9	160	290	6309-ZZ	6308-ZZ	166
PE215JM-10-4	10	1800	215JM	1.15	F	B	H	26 - 24 / 12	81	91.7	0.81	30.02	170	280	6309-ZZ	6308-ZZ	179
PE215JM-15-2	15	3600	215JM	1.15	F	B	G	37 - 35 / 17.5	116	91	0.91	22.4	170	280	6309-ZZ	6308-ZZ	175
PE254JM-15-2	15	3600	254JM	1.15	F	B	G	36.2 - 34.4 / 17.2	116	91	0.89	22.2	150	260	6309	6309	261
PE254JM-15-4	15	1800	254JM	1.15	F	B	G	37.2 - 36.4 / 18.2	116	92.4	0.81	44.8	170	260	6309	6309	279
PE256JM-20-2	20	3600	256JM	1.15	F	B	G	48.5 - 46 / 23	145	91	0.87	29.76	150	250	6309	6309	288
PE256JM-20-4	20	1800	256JM	1.15	F	B	G	51.8 - 48.4 / 24.2	145	93	0.83	59.8	160	260	6309	6309	322
PE256JM-25-2	25	3600	256JM	1.15	F	B	G	60 - 56 / 28	182	91.7	0.91	37.2	160	260	6309	6309	326
PE284JM-25-2	25	3600	284JM	1.15	F	B	G	61 - 57 / 28.5	182	91.7	0.9	37.2	150	240	6311	6311	369
PE284JM-25-4	25	1800	284JM	1.15	F	B	G	65 - 60 / 30	182	93.6	0.84	74.3	160	255	6311	6311	369
PE286JM-30-2	30	3600	286JM	1.15	F	B	G	74 - 69 / 34.5	217	91.7	0.9	44.5	150	260	6311	6311	401
PE286JM-30-4	30	1800	286JM	1.15	F	B	G	76 - 70.6 / 35.3	217	93.6	0.84	89.1	160	250	6311	6311	429
PE286JM-40-2	40	3600	286JM	1.15	F	B	G	95 - 89 / 44.5	290	92.4	0.91	59.2	180	290	6311	6311	417
PE324JM-40-2	40	3600	324JM	1.15	F	B	G	94.9 - 91 / 45.5	290	92.4	0.9	59.2	140	250	6312	6312	539
PE324JM-40-4	40	1800	324JM	1.15	F	B	G	100 - 93.2 / 46.6	290	94.1	0.83	118.8	160	245	6312	6312	535
PE326JM-50-2	50	3600	326JM	1.15	F	B	G	124 - 116.2 / 58.1	362	93	0.91	73.9	140	250	6312	6312	568
PE326JM-50-4	50	1800	326JM	1.15	F	B	G	124 - 116.6 / 58.3	362	94.5	0.83	148.4	160	255	6312	6312	591
PE364JM-60-2	60	3600	364JM	1.15	F	B	G	146 - 132 / 66	435	93.6	0.92	88.55	140	255	6313	6313	815
PE364JM-60-4	60	1800	364JM	1.15	F	B	G	154 - 139 / 69.5	435	95	0.85	177.55	160	240	6313	6313	788
PE365JM-75-2	75	3600	365JM	1.15	F	B	G	184 - 166 / 83	542	93.6	0.91	110.69	130	250	6313	6313	853
PE365JM-75-4	75	1800	365JM	1.15	F	B	G	193 - 174 / 87	542	95.4	0.85	221.95	160	250	6313	6313	833

CLOSE COUPLED

Performance Data—Close Coupled

1 HP—75 HP CLOSE COUPLED JP FRAME CAST IRON

143JP—365JP FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PE143JP-1-4	1	1800	143JP	1.15	F	B	M	3.2 - 3 / 1.5	15	85.5	0.71	3.02	275	310	6206-ZZ	6205-ZZ	49
PE143JP-1.5-2	1.5	3600	143JP	1.15	F	B	M	4.4 - 4 / 2	20	84	0.74	2.2	200	280	6206-ZZ	6205-ZZ	47
PE145JP-1.5-4	1.5	1800	145JP	1.15	F	B	M	4.7 - 4.4 / 2.2	20	86.5	0.7	4.54	250	330	6206-ZZ	6205-ZZ	53
PE145JP-2-2	2	3600	145JP	1.15	F	B	L	5.8 - 5.3 / 2.65	25	85.5	0.82	3	190	285	6206-ZZ	6205-ZZ	49
PE145JP-2-4	2	1800	145JP	1.15	F	B	L	6.6 - 6.2 / 3.1	25	86.5	0.72	6.05	235	280	6206-ZZ	6205-ZZ	54
PE145JP-3-2	3	3600	145JP	1.15	F	B	K	9 - 8.2 / 4.1	32	86.5	0.8	4.55	200	300	6206-ZZ	6205-ZZ	56
PE182JP-3-2	3	3600	182JP	1.15	F	B	K	7.9 - 7.4 / 3.7	32	86.5	0.85	4.49	180	280	6208-ZZ	6306-ZZ	89
PE182JP-3-4	3	1800	182JP	1.15	F	B	K	8.2 - 7.6 / 3.8	32	89.5	0.77	9	215	300	6208-ZZ	6306-ZZ	90
PE184JP-5-2	5	3600	184JP	1.15	F	B	J	13 - 11.6 / 5.8	46	88.5	0.9	7.46	170	285	6208-ZZ	6306-ZZ	107
PE184JP-5-4	5	1800	184JP	1.15	F	B	J	14 - 13.6 / 6.8	46	89.5	0.78	15	185	280	6208-ZZ	6306-ZZ	98
PE184JP-7.5-2	7.5	3600	184JP	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.3	190	300	6208-ZZ	6306-ZZ	119
PE213JP-7.5-2	7.5	3600	213JP	1.15	F	B	H	18.8 - 17.6 / 8.8	63	89.5	0.9	11.19	160	290	6309-ZZ	6308-ZZ	160
PE213JP-7.5-4	7.5	1800	213JP	1.15	F	B	H	19.8 - 18.4 / 9.2	63	91.7	0.8	22.51	180	280	6309-ZZ	6308-ZZ	159
PE215JP-10-2	10	3600	215JP	1.15	F	B	H	23.9 - 22.8 / 11.4	81	90.2	0.92	14.9	160	290	6309-ZZ	6308-ZZ	173
PE215JP-10-4	10	1800	215JP	1.15	F	B	H	26 - 24 / 12	81	91.7	0.81	30.02	170	280	6309-ZZ	6308-ZZ	186
PE215JP-15-2	15	3600	215JP	1.15	F	B	G	37 - 35 / 17.5	116	91	0.91	22.4	170	280	6309-ZZ	6308-ZZ	189
PE254JP-15-2	15	3600	254JP	1.15	F	B	G	36.2 - 34.4 / 17.2	116	91	0.89	22.2	150	260	6309	6309	261
PE254JP-15-4	15	1800	254JP	1.15	F	B	G	37.2 - 36.4 / 18.2	116	92.4	0.81	44.8	170	260	6309	6309	281
PE256JP-20-2	20	3600	256JP	1.15	F	B	G	48.5 - 46 / 23	145	91	0.87	29.76	150	250	6309	6309	269
PE256JP-20-4	20	1800	256JP	1.15	F	B	G	51.8 - 48.4 / 24.2	145	93	0.83	59.8	160	260	6309	6309	312
PE256JP-25-2	25	3600	256JP	1.15	F	B	G	60 - 56 / 28	182	91.7	0.91	37.2	160	260	6309	6309	326
PE284JP-25-2	25	3600	284JP	1.15	F	B	G	61 - 57 / 28.5	182	91.7	0.9	37.2	150	240	6311	6311	371
PE284JP-25-4	25	1800	284JP	1.15	F	B	G	65 - 60 / 30	182	93.6	0.84	74.3	160	255	6311	6311	395
PE286JP-30-2	30	3600	286JP	1.15	F	B	G	74 - 69 / 34.5	217	91.7	0.9	44.5	150	260	6311	6311	412
PE286JP-30-4	30	1800	286JP	1.15	F	B	G	76 - 70.6 / 35.3	217	93.6	0.84	89.1	160	250	6311	6311	429
PE286JP-40-2	40	3600	286JP	1.15	F	B	G	95 - 89 / 44.5	290	92.4	0.91	59.2	180	290	6311	6311	425
PE324JP-40-2	40	3600	324JP	1.15	F	B	G	94.9 - 91 / 45.5	290	92.4	0.9	59.2	140	250	6312	6312	542
PE324JP-40-4	40	1800	324JP	1.15	F	B	G	100 - 93.2 / 46.6	290	94.1	0.83	118.8	160	245	6312	6312	530
PE326JP-50-2	50	3600	326JP	1.15	F	B	G	124 - 116.2 / 58.1	362	93	0.91	73.9	140	250	6312	6312	573
PE326JP-50-4	50	1800	326JP	1.15	F	B	G	124 - 116.6 / 58.3	362	94.5	0.83	148.4	160	255	6312	6312	600
PE364JP-60-2	60	3600	364JP	1.15	F	B	G	146 - 132 / 66	435	93.6	0.92	88.55	140	255	6313	6313	818
PE364JP-60-4	60	1800	364JP	1.15	F	B	G	154 - 139 / 69.5	435	95	0.85	177.55	160	240	6313	6313	789
PE365JP-75-2	75	3600	365JP	1.15	F	B	G	184 - 166 / 83	542	93.6	0.91	110.69	130	250	6313	6313	778
PE365JP-75-4	75	1800	365JP	1.15	F	B	G	193 - 174 / 87	542	95.4	0.85	221.95	160	250	6313	6313	836

CLOSE
COUPLED

Performance Data—Explosion-Proof

1 HP—250 HP EXPLOSION PROOF CAST IRON

INVERTER RATED (10:1 VT; 5:1 CT)
143T—449T FRAME
THREE-PHASE
TEXP



EXPLOSION
PROOF

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PEXP143T-1-4	1	1800	143T	1.15	F	B	N	3 - 2.7 / 1.35	15	85.5	0.785	2.96	275	300	6205-ZZ	6205-ZZ	62
PEXP145T-1-6	1	1200	145T	1.15	F	B	N	3.6 - 3.3 / 1.65	15	82.5	0.66	4.5	170	265	6205-ZZ	6205-ZZ	79
PEXP143T-1.5-2	1.5	3600	143T	1.15	F	B	M	4.1 - 3.7 / 1.85	20	84	0.845	2.3	175	250	6205-ZZ	6205-ZZ	73
PEXP145T-1.5-4	1.5	1800	145T	1.15	F	B	M	4.3 - 3.9 / 1.95	20	86.5	0.79	6	250	280	6205-ZZ	6205-ZZ	88
PEXP182T-1.5-6	1.5	1200	182T	1.15	F	B	M	4.6 - 4.1 / 2.07	20	87.5	0.71	6.7	165	250	6306-ZZ	6306-ZZ	115
PEXP145T-2-2	2	3600	145T	1.15	F	B	L	5.5 - 5 / 2.5	25	85.5	0.86	3	170	240	6205-ZZ	6205-ZZ	75
PEXP145T-2-4	2	1800	145T	1.15	F	B	L	5.8 - 5.2 / 2.6	25	86.5	0.8	6	235	270	6205-ZZ	6205-ZZ	88
PEXP184T-2-6	2	1200	184T	1.15	F	B	L	6.2 - 5.6 / 2.8	25	88.5	0.73	8.9	160	240	6306-ZZ	6306-ZZ	130
PEXP182T-3-2	3	3600	182T	1.15	F	B	K	7.7 - 7 / 3.5	32	86.5	0.87	4.5	160	230	6306-ZZ	6306-ZZ	115
PEXP182T-3-4	3	1800	182T	1.15	F	B	K	8.4 - 7.6 / 3.8	32	89.5	0.77	8.9	215	250	6306-ZZ	6306-ZZ	130
PEXP213T-3-6	3	1200	213T	1.15	F	B	K	8.7 - 7.9 / 3.95	32	89.5	0.71	13.3	155	230	6308-ZZ	6308-ZZ	238
PEXP184T-5-2	5	3600	184T	1.15	F	B	J	13.3 - 12 / 6	46	88.5	0.85	7.41	150	215	6306-ZZ	6306-ZZ	128
PEXP184T-5-4	5	1800	184T	1.15	F	B	J	15.5 - 14 / 7	46	89.5	0.81	14.9	185	225	6306-ZZ	6306-ZZ	183
PEXP215T-5-6	5	1200	215T	1.15	F	B	J	16.6 - 15 / 7.5	46	89.5	0.75	22.3	150	215	6308-ZZ	6308-ZZ	295
PEXP213T-7-5-2	7.5	3600	213T	1.15	F	B	H	18.4 - 16.6 / 8.3	63.5	89.5	0.86	11.17	140	200	6308-ZZ	6308-ZZ	253
PEXP213T-7-5-4	7.5	1800	213T	1.15	F	B	H	19.7 - 17.8 / 8.9	63.5	91.7	0.84	22.3	175	215	6308-ZZ	6308-ZZ	254
PEXP254T-7-5-6	7.5	1200	254T	1.15	F	B	H	27.6 - 25 / 12.5	63.5	91	0.78	33.2	150	205	6309	6309	386
PEXP215T-10-2	10	3600	215T	1.15	F	B	H	25.4 - 23 / 11.5	81	90.2	0.88	14.9	135	200	6308-ZZ	6308-ZZ	262
PEXP215T-10-4	10	1800	215T	1.15	F	B	H	27 - 24.4 / 12.2	81	91.7	0.86	29.8	165	200	6308-ZZ	6308-ZZ	262
PEXP256T-10-6	10	1200	256T	1.15	F	B	H	27.6 - 25 / 12.5	81	91	0.81	44.3	150	200	6309	6309	384
PEXP254T-15-2	15	3600	254T	1.15	F	B	G	36.5 - 33 / 16.5	116	91	0.86	22.4	130	200	6309	6309	401
PEXP254T-15-4	15	1800	254T	1.15	F	B	G	38.7 - 35 / 17.5	116	92.4	0.87	44.6	160	200	6309	6309	403
PEXP284T-15-6	15	1200	284T	1.15	F	B	G	50.4 - 45.6 / 22.8	116	91.7	0.82	66.3	140	200	6310	6310	476
PEXP256T-20-2	20	3600	256T	1.15	F	B	G	50.4 - 45.6 / 22.8	145	91	0.88	29.9	130	200	6309	6309	434
PEXP256T-20-4	20	1800	256T	1.15	F	B	G	50.9 - 46 / 23	145	93	0.87	59.5	150	200	6309	6309	428
PEXP286T-20-6	20	1200	286T	1.15	F	B	G	52 - 47 / 23.5	145	91.7	0.81	89.1	135	200	6310	6310	520
PEXP284TS-25-2	25	3600	284TS	1.15	F	B	G	60.8 - 55 / 27.5	182.5	91.7	0.88	63.88	130	200	6310	6310	506
PEXP284T-25-4	25	1800	284T	1.15	F	B	G	60.8 - 55 / 27.5	182.5	93.6	0.85	74.3	150	200	6310	6310	558
PEXP324T-25-6	25	1200	324T	1.15	F	B	G	64.1 - 58 / 29	182.5	93	0.83	110.6	135	200	6312	6312	657
PEXP286TS-30-2	30	3600	286TS	1.15	F	B	G	71.9 - 65 / 32.5	217.5	91.7	0.89	53.3	130	200	6310	6310	528
PEXP286T-30-4	30	1800	286T	1.15	F	B	G	71.9 - 65 / 32.5	217.5	93.6	0.87	88.7	150	200	6310	6310	580
PEXP326T-30-6	30	1200	326T	1.15	F	B	G	76.3 - 69 / 34.5	217.5	93	0.83	132.7	135	200	6312	6312	739
PEXP324TS-40-2	40	3600	324TS	1.15	F	B	G	98.4 - 89 / 44.5	290	92.4	0.88	59.2	125	200	6312	6312	710
PEXP324T-40-4	40	1800	324T	1.15	F	B	G	98.4 - 89 / 44.5	290	94.1	0.85	117.8	140	200	6312	6312	734
PEXP364T-40-6	40	1200	364T	1.15	F	B	G	101.7 - 92 / 46	290	94.1	0.83	176.8	135	200	6314	6314	911
PEXP326TS-50-2	50	3600	326TS	1.15	F	B	G	119.4 - 108 / 54	362.5	93	0.88	73.9	120	200	6312	6312	743
PEXP326T-50-4	50	1800	326T	1.15	F	B	G	121.6 - 110 / 55	362.5	94.5	0.85	148.1	140	200	6312	6312	763
PEXP365T-50-6	50	1200	365T	1.15	F	B	G	125 - 113 / 56.5	362.5	94.1	0.83	221	135	200	6314	6314	899
PEXP364TS-60-2	60	3600	364TS	1.15	F	B	G	144.9 - 131 / 65.5	435	93.6	0.88	88.7	120	200	6313	6313	860
PEXP364T-60-4	60	1800	364T	1.15	F	B	G	147.1 - 133 / 66.5	435	95	0.85	176	140	200	6314	6314	891
PEXP404T-60-6	60	1200	404T	1.15	F	B	G	152.6 - 138 / 69	435	94.5	0.83	264	135	200	6316	6314	1188
PEXP365TS-75-2	75	3600	365TS	1.15	F	B	G	186.9 - 169 / 84.5	542.5	93.6	0.88	110.9	105	200	6313	6313	946
PEXP365T-75-4	75	1800	365T	1.15	F	B	G	191.3 - 173 / 86.5	542.5	95.4	0.85	220.6	140	200	6314	6314	957
PEXP405T-75-6	75	1200	405T	1.15	F	B	G	185.8 - 168 / 84	542.5	94.5	0.83	330	135	200	6316	6314	1349
PEXP405TS-100-2	100	3600	405TS	1.15	F	B	G	240.6 - 217.6 / 108.8	725	94.1	0.89	147.6	105	200	6313	6313	1393
PEXP405T-100-4	100	1800	405T	1.15	F	B	G	242.2 - 219 / 109.5	725	95.4	0.87	293.4	125	200	6316	6314	1426
PEXP444T-100-6	100	1200	444T	1.15	F	B	G	117	725	95	0.84	441.3	125	200	6318	6314	1642
PEXP444TS-125-2	125	3600	444TS	1.15	F	B	G	130	907.5	95	0.89	184.1	100	200	6314	6314	1638
PEXP444T-125-4	125	1800	444T	1.15	F	B	G	133	907.5	95.4	0.85	367	110	200	6318	6314	1640
PEXP445T-125-6	125	1200	445T	1.15	F	B	G	135	907.5	95	0.84	551.2	120	200	6318	6314	1779
PEXP445TS-150-2	150	3600	445TS	1.15	F	B	G	160	1085	95	0.87	221	100	200	6314	6314	1830
PEXP445T-150-4	150	1800	445T	1.15	F	B	G	162.5	1085	95.8	0.86	440	110	200	6318	6314	1898
PEXP447T-150-6	150	1200	447T	1.15	F	B	G	166	1085	95.8	0.82	661.5	120	200	NU318	6318	2174
PEXP447TS-200-2	200	3600	447TS	1.15	F	B	G	213.5	1450	95.4	0.87	294.8	100	200	6314	6314	2370
PEXP447T-200-4	200	1800	447T	1.15	F	B	G	217	1450	96.2	0.85	587	100	200	6318	6314	2348
PEXP449T-200-6	200	1200	449T	1.15	F	B	G	227.5	1450	95.8	0.82	882	120	200	NU318	6318	2368
PEXP449TS-250-2	250	3600	449TS	1.15	F	B	G	262	1825	95.8	0.87	368.4	70	175	6314	6314	2370
PEXP449T-250-4	250	1800	449T	1.15	F	B	G	268	1825	96.2	0.85	734	80	175	6318	6314	2381

Performance Data—Explosion-Proof

1 HP—200 HP EXPLOSION PROOF C-FLANGE W/ FEET CAST IRON



INVERTER RATED (10:1 VT; 5:1 CT)
143TC—449TC FRAME
THREE-PHASE
TEXP

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PEXP143TC-1-4	1	1800	143TC	1.15	F	B	N	3 - 2.7 / 1.35	15	85.5	0.785	2.96	275	300	6205-ZZ	6205-ZZ	62
PEXP145TC-1-6	1	1200	145TC	1.15	F	B	N	3.6 - 3.3 / 1.65	15	82.5	0.66	4.5	170	265	6205-ZZ	6205-ZZ	79
PEXP143TC-1.5-2	1.5	3600	143TC	1.15	F	B	M	4.1 - 3.7 / 1.85	20	84	0.845	2.3	175	250	6205-ZZ	6205-ZZ	73
PEXP145TC-1.5-4	1.5	1800	145TC	1.15	F	B	M	4.3 - 3.9 / 1.95	20	86.5	0.79	6	250	280	6205-ZZ	6205-ZZ	88
PEXP182TC-1.5-6	1.5	1200	182TC	1.15	F	B	M	4.6 - 4.1 / 2.07	20	87.5	0.71	6.7	165	250	6306-ZZ	6306-ZZ	115
PEXP145TC-2-2	2	3600	145TC	1.15	F	B	L	5.5 - 5 / 2.5	25	85.5	0.86	3	170	240	6205-ZZ	6205-ZZ	75
PEXP145TC-2-4	2	1800	145TC	1.15	F	B	L	5.8 - 5.2 / 2.6	25	86.5	0.8	6	235	270	6205-ZZ	6205-ZZ	88
PEXP184TC-2-6	2	1200	184TC	1.15	F	B	L	6.2 - 5.6 / 2.8	25	88.5	0.73	8.9	160	240	6306-ZZ	6306-ZZ	130
PEXP182TC-3-2	3	3600	182TC	1.15	F	B	K	7.7 - 7 / 3.5	32	86.5	0.87	4.5	160	230	6306-ZZ	6306-ZZ	115
PEXP182TC-3-4	3	1800	182TC	1.15	F	B	K	8.4 - 7.6 / 3.8	32	89.5	0.77	8.9	215	250	6306-ZZ	6306-ZZ	130
PEXP213TC-3-6	3	1200	213TC	1.15	F	B	K	8.7 - 7.9 / 3.95	32	89.5	0.71	13.3	155	230	6308-ZZ	6308-ZZ	238
PEXP184TC-5-2	5	3600	184TC	1.15	F	B	J	13.3 - 12 / 6	46	88.5	0.85	7.41	150	215	6306-ZZ	6306-ZZ	128
PEXP184TC-5-4	5	1800	184TC	1.15	F	B	J	15.5 - 14 / 7	46	89.5	0.81	14.9	185	225	6306-ZZ	6306-ZZ	183
PEXP215TC-5-6	5	1200	215TC	1.15	F	B	J	16.6 - 15 / 7.5	46	89.5	0.75	22.3	150	215	6308-ZZ	6308-ZZ	295
PEXP213TC-7.5-2	7.5	3600	213TC	1.15	F	B	H	18.4 - 16.6 / 8.3	63.5	89.5	0.86	11.17	140	200	6308-ZZ	6308-ZZ	253
PEXP213TC-7.5-4	7.5	1800	213TC	1.15	F	B	H	19.7 - 17.8 / 8.9	63.5	91.7	0.84	22.3	175	215	6308-ZZ	6308-ZZ	254
PEXP254TC-7.5-6	7.5	1200	254TC	1.15	F	B	H	27.6 - 25 / 12.5	63.5	91	0.78	33.2	150	205	6309/C3	6309/C3	386
PEXP215TC-10-2	10	3600	215TC	1.15	F	B	H	25.4 - 23 / 11.5	81	90.2	0.88	14.9	135	200	6308-ZZ	6308-ZZ	262
PEXP215TC-10-4	10	1800	215TC	1.15	F	B	H	27 - 24.4 / 12.2	81	91.7	0.86	29.8	165	200	6308-ZZ	6308-ZZ	262
PEXP256TC-10-6	10	1200	256TC	1.15	F	B	H	27.6 - 25 / 12.5	81	91	0.81	44.3	150	200	6309/C3	6309/C3	384
PEXP254TC-15-2	15	3600	254TC	1.15	F	B	G	36.5 - 33 / 16.5	116	91	0.86	22.4	130	200	6309/C3	6309/C3	401
PEXP254TC-15-4	15	1800	254TC	1.15	F	B	G	38.7 - 35 / 17.5	116	92.4	0.87	44.6	160	200	6309/C3	6309/C3	403
PEXP284TC-15-6	15	1200	284TC	1.15	F	B	G	50.4 - 45.6 / 22.8	116	91.7	0.82	66.3	140	200	6310/C3	6310/C3	476
PEXP256TC-20-2	20	3600	256TC	1.15	F	B	G	50.4 - 45.6 / 22.8	145	91	0.88	29.9	130	200	6309/C3	6309/C3	434
PEXP256TC-20-4	20	1800	256TC	1.15	F	B	G	50.9 - 46 / 23	145	93	0.87	59.5	150	200	6309/C3	6309/C3	428
PEXP286TC-20-6	20	1200	286TC	1.15	F	B	G	52 - 47 / 23.5	145	91.7	0.81	89.1	135	200	6310/C3	6310/C3	520
PEXP284TSC-25-2	25	3600	284TSC	1.15	F	B	G	60.8 - 55 / 27.5	182.5	91.7	0.88	63.88	130	200	6310/C3	6310/C3	506
PEXP284TC-25-4	25	1800	284TC	1.15	F	B	G	60.8 - 55 / 27.5	182.5	93.6	0.85	74.3	150	200	6310/C3	6310/C3	558
PEXP324TC-25-6	25	1200	324TC	1.15	F	B	G	64.1 - 58 / 29	182.5	93	0.83	110.6	135	200	6312/C3	6312/C3	657
PEXP286TSC-30-2	30	3600	286TSC	1.15	F	B	G	71.9 - 65 / 32.5	217.5	91.7	0.89	53.3	130	200	6310/C3	6310/C3	528
PEXP286TC-30-4	30	1800	286TC	1.15	F	B	G	71.9 - 65 / 32.5	217.5	93.6	0.87	88.7	150	200	6310/C3	6310/C3	580
PEXP326TC-30-6	30	1200	326TC	1.15	F	B	G	76.3 - 69 / 34.5	217.5	93	0.83	132.7	135	200	6312/C3	6312/C3	739
PEXP324TSC-40-2	40	3600	324TSC	1.15	F	B	G	98.4 - 89 / 44.5	290	92.4	0.88	59.2	125	200	6312/C3	6312/C3	710
PEXP324TC-40-4	40	1800	324TC	1.15	F	B	G	98.4 - 89 / 44.5	290	94.1	0.85	117.8	140	200	6312/C3	6312/C3	734
PEXP364TC-40-6	40	1200	364TC	1.15	F	B	G	101.7 - 92 / 46	290	94.1	0.83	176.8	135	200	6313/C3	6313/C3	911
PEXP326TSC-50-2	50	3600	326TSC	1.15	F	B	G	119.4 - 108 / 54	362.5	93	0.88	73.9	120	200	6312/C3	6312/C3	743
PEXP326TC-50-4	50	1800	326TC	1.15	F	B	G	121.6 - 110 / 55	362.5	94.5	0.85	148.1	140	200	6312/C3	6312/C3	763
PEXP365TC-50-6	50	1200	365TC	1.15	F	B	G	125 - 113 / 56.5	362.5	94.1	0.83	221	135	200	6313/C3	6313/C3	899
PEXP364TSC-60-2	60	3600	364TSC	1.15	F	B	G	144.9 - 131 / 65.5	435	93.6	0.88	88.7	120	200	6313/C3	6313/C3	860
PEXP364TC-60-4	60	1800	364TC	1.15	F	B	G	147.1 - 133 / 66.5	435	95	0.85	176	140	200	6313/C3	6313/C3	891
PEXP404TC-60-6	60	1200	404TC	1.15	F	B	G	152.6 - 138 / 69	435	94.5	0.83	264	135	200	6316/C3	6313/C3	1188
PEXP365TSC-75-2	75	3600	365TSC	1.15	F	B	G	186.9 - 169 / 84.5	542.5	93.6	0.88	110.9	105	200	6313/C3	6313/C3	946
PEXP365TC-75-4	75	1800	365TC	1.15	F	B	G	191.3 - 173 / 86.5	542.5	95.4	0.85	220.6	140	200	6313/C3	6313/C3	957
PEXP405TC-75-6	75	1200	405TC	1.15	F	B	G	185.8 - 168 / 84	542.5	94.5	0.83	330	135	200	6316/C3	6313/C3	1349
PEXP405TSC-100-2	100	3600	405TSC	1.15	F	B	G	240.6 - 217.6 / 108.8	725	94.1	0.89	147.6	105	200	6313/C3	6313/C3	1393
PEXP405TC-100-4	100	1800	405TC	1.15	F	B	G	242.2 - 219 / 109.5	725	95.4	0.87	293.4	125	200	6316/C3	6313/C3	1426
PEXP444TC-100-6	100	1200	444TC	1.15	F	B	G	117	725	95	0.84	441.3	125	200	6318/C3	6314/C3	1642
PEXP444TSC-125-2	125	3600	444TSC	1.15	F	B	G	130	907.5	95	0.89	184.1	100	200	6314/C3	6314/C3	1638
PEXP444TC-125-4	125	1800	444TC	1.15	F	B	G	133	907.5	95.4	0.85	367	110	200	6318/C3	6314/C3	1640
PEXP445TC-125-6	125	1200	445TC	1.15	F	B	G	135	907.5	95	0.84	551.2	120	200	6318/C3	6314/C3	1779
PEXP445TSC-150-2	150	3600	445TSC	1.15	F	B	G	160	1085	95	0.87	221	100	200	6314/C3	6314/C3	1830
PEXP445TC-150-4	150	1800	445TC	1.15	F	B	G	162.5	1085	95.8	0.86	440	110	200	6318/C3	6314/C3	1898
PEXP447TC-150-6	150	1200	447TC	1.15	F	B	G	166	1085	95.8	0.82	661.5	120	200	NU318	6318/C3	2174
PEXP447TSC-200-2	200	3600	447TSC	1.15	F	B	G	213.5	1450	95.4	0.87	294.8	100	200	6314/C3	6314/C3	2370
PEXP447TC-200-4	200	1800	447TC	1.15	F	B	G	217	1450	96.2	0.85	587	100	200	6318/C3	6314/C3	2348
PEXP449TC-200-6	200	1200	449TC	1.15	F	B	G	227.5	1450	95.8	0.82	882	120	200	NU318	6318/C3	2368
PEXP449TSC-250-2	250	3600	449TSC	1.15	F	B	G	262	1825	95.8	0.87	368.4	70	175	6314/C3	6314/C3	2370
PEXP449TC-250-4	250	1800	449TC	1.15	F	B	G	268	1825	96.2	0.85	734	80	175	6318/C3	6314/C3	2381

EXPLOSION
PROOF

Performance Data—Oil Well Pump

2 HP—150 HP OIL WELL PUMP CAST IRON

INVERTER DUTY (20:1 VT; 10:1 CT)
184T—449T FRAME
THREE-PHASE
TEFC



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
OWP184T-2-6	2	1135	184T	1.15	F	D	K	7/3.5/2	25	78.5	0.69	9.4	350	400	6306-ZZ	6306-ZZ	87
OWP184T-2-8	2	850	184T	1.15	F	D	L	8.4/4.2/2.4	25	75	0.6	12.6	275	290	6306-ZZ	6306-ZZ	83
OWP213T-3-6	3	1130	213T	1.15	F	D	K	10.0/5.0/2.9	32	79	0.74	13.95	330	340	6308-ZZ	6308-ZZ	130
OWP215T-3-8	3	845	215T	1.15	F	D	K	10/5/2.9	32	80	0.68	19	280	290	6308-ZZ	6308-ZZ	123
OWP215T-5-6	5	1130	215T	1.15	F	D	J	15.0/7.5/4.3	46	83.5	0.75	23.25	285	315	6308-ZZ	6308-ZZ	156
OWP254T-5-8	5	855	254T	1.15	F	D	J	18/9/5.2	46	81.5	0.65	31.5	290	300	6309	6309	191
OWP254T-7.5-6	7.5	1125	254T	1.15	F	D	H	21.6/10.8/6.2	63	84.5	0.78	34.9	280	295	6309	6309	220
OWP256T-7.5-8	7.5	850	256T	1.15	F	D	H	25/12.5/7.2	63	82.5	0.68	47	295	300	6309	6309	235
OWP256T-10-6	10	1130	256T	1.15	F	D	H	28.8/14.4/8.3	81	85	0.77	46.5	300	330	6309	6309	249
OWP284T-10-8	10	850	284T	1.15	F	D	H	33/16.5/9.5	81	84	0.68	62	275	285	6311	6311	283
OWP284T-15-6	15	1125	284T	1.15	F	D	G	40.0/20.0/11.6	116	85.5	0.83	69.8	280	310	6311	6311	341
OWP286T-15-8	15	855	286T	1.15	F	D	G	47/23.5/13.5	116	85.5	0.69	92	290	300	6311	6311	337
OWP286T-20-6	20	1130	286T	1.15	F	D	G	53.0/26.5/15.3	145	86	0.83	93	285	310	6311	6311	403
OWP324T-20-8	20	855	324T	1.15	F	D	G	62/31/18	145	87.5	0.7	123.5	290	310	6312	6312	451
OWP324T-25-6	25	1120	324T	1.15	F	D	G	64.4/32.2/18.6	182	86	0.85	117.3	300	310	6312	6312	510
OWP326T-25-8	25	850	326T	1.15	F	D	G	75/37.5/21.5	182	87.5	0.71	155	290	310	6312	6312	493
OWP326T-30-6	30	1130	326T	1.15	F	D	G	77.0/38.5/22.2	217	86.5	0.85	139.5	300	330	6312	6312	572
OWP364T-30-8	30	855	364T	1.15	F	D	G	90/45/26	217	87.5	0.71	184	280	290	6313	6313	629
OWP365T-40-6	40	1135	365T	1.15	F	D	G	98.0/49.0/28.3	290	87.5	0.88	185.2	275	290	6313	6313	733
OWP365T-40-8	40	855	365T	1.15	F	D	G	116/58/33.5	290	87.5	0.73	246	275	285	6313	6313	710
OWP404T-50-6	50	1140	404T	1.15	F	D	G	122/61.0/35.3	362	87.5	0.88	230.5	275	300	NU315	6314	911
OWP404T-50-8	50	855	404T	1.15	F	D	G	134/67/39	362	88.5	0.78	308	275	285	NU315	6314	895
OWP405T-60-6	60	1135	405T	1.15	F	D	G	148/74.0/42.8	435	88	0.87	277.8	275	300	NU315	6314	1001
OWP405T-60-8	60	855	405T	1.15	F	D	G	160/80/46	435	89.5	0.78	370	275	285	NU315	6314	1025
OWP444T-75-6	75	1140	444T	1.15	F	D	G	178/89.0/51.4	542	90	0.88	345.7	280	310	NU318	6317	1258
OWP444T-75-8	75	855	444T	1.15	F	D	G	191/95.5/55	542	91.7	0.8	460	275	290	NU318	6317	1328
OWP445T-100-6	100	1140	445T	1.15	F	D	G	234/117/67.6	725	90.5	0.88	460	275	300	NU318	6317	1390
OWP445T-100-8	100	855	445T	1.15	F	D	G	250/125/72	725	91.7	0.82	614	275	285	NU318	6317	1614
OWP447T-125-6	125	1140	447T	1.15	F	D	G	147/84.9	907	92.5	0.88	575	275	300	NU319	6318	1850
OWP449T-150-6	150	1140	449T	1.15	F	D	G	180/104	1085	93.2	0.88	690	275	300	NU319	6318	1980

Performance Data—Oil Well Pump

**7.5 HP—100 HP
OIL WELL PUMP
1200 RPM
ODP**



**254T—444T FRAME
THREE-PHASE**

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
OWP254T-7.5-6-ODP	7.5	1130	254T	1.15	F	D	H	29.0/14.5/8.4	63	78.5	0.64	34.7	275	300	6309	6309	217
OWP256T-10-6-ODP	10	1140	256T	1.15	F	D	H	36.0/18.0/10.4	81	81.5	0.65	46	280	320	6309	6309	238
OWP284T-15-6-ODP	15	1120	284T	1.15	F	D	G	44.0/22.0/12.7	116	82.5	0.8	70	280	315	6311	6311	341
OWP286T-20-6-ODP	20	1130	286T	1.15	F	D	G	56.0/28.0/16.2	145	85.5	0.8	93	285	310	6311	6311	370
OWP324T-25-6-ODP	25	1125	324T	1.15	F	D	G	68.0/34.0/19.6	182	86.5	0.8	116.8	295	310	6312	6312	466
OWP326T-30-6-ODP	30	1135	326T	1.15	F	D	G	82.0/41.0/23.7	217	86.5	0.79	139	310	330	6312	6312	488
OWP365T-40-6-ODP	40	1140	365T	1.15	F	D	G	112/56.0/32.4	290	87.5	0.76	184.4	275	290	6313	6313	660
OWP404T-50-6-ODP	50	1140	404T	1.15	F	D	G	128/64.0/37.0	362	88.5	0.83	231.5	275	300	NU318	6314	878
OWP405T-60-6-ODP	60	1140	405T	1.15	F	D	G	152/76.0/43.9	435	88.5	0.84	277	275	300	NU318	6314	911
OWP405T-75-6-ODP	75	1140	405T	1.15	F	D	G	183/91.5/52.9	542	89.5	0.85	345.7	300	320	NU318	6314	963
OWP444T-100-6-ODP	100	1135	444T	1.15	F	D	G	248/124/71.7	725	90.2	0.85	462	275	300	NU319	6318	1576

**OIL WELL
DESIGN D**

Performance Data—VHS

V1 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER RATED (10:1 VT)



HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V1 SERIES

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 230V/460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	Upper Bearing	Bottom Bearing	Weight (lbs.)	PWS 230V	PWS 460V	Enclosure Type	Down Thrust
V1-10D4-W21510A	10	1750	215TP	1.15	F	B	H	24.4/12.2	85	91.7	0.84	29	220	250	6210	7310B	366	X		WP1	2500
V1-15D4-W25410A	15	1770	254TP	1.15	F	B	H	34.6/17.3	128	93	0.86	44	218	250	6212	7312B	595	X		WP1	3200
V1-20D4-W25610A	20	1770	256TP	1.15	F	B	H	47/23.5	172	93	0.86	58	215	250	6212	7312B	595	X		WP1	3200
V1-25D4-W28410A	25	1770	284TP	1.15	F	B	H	57.6/28.8	210	93.6	0.86	73	215	250	6212	7312B	668	X		WP1	3200
V1-25D4-W28410B	25	1770	284TP	1.15	F	B	H	57.6/28.8	210	93.6	0.86	73	215	250	6212	7312B	668	X		WP1	3200
V1-30D4-W28610A	30	1770	286TP	1.15	F	B	H	68.2/34.1	256	94.1	0.86	88	212	240	6212	7312B	698	X		WP1	3200
V1-30D4-W28610B	30	1770	286TP	1.15	F	B	H	68.2/34.1	256	94.1	0.86	88	212	240	6212	7312B	698	X		WP1	3200
V1-30D4-W28610B	30	1770	286TP	1.15	F	B	H	68.2/34.1	256	94.1	0.86	88	212	240	6212	7312B	698	X		WP1	3200
V1-40D4-W32416A	40	1770	324TP	1.15	F	B	H	92/46	345	94.1	0.87	117	213	240	7221B	6213	860	X		WP1	5500
V1-40D4-W32416B	40	1770	324TP	1.15	F	B	H	92/46	345	94.1	0.87	117	213	240	7221B	6213	860	X		WP1	5500
V1-40S4-W32416A	40	1770	324TP	1.15	F	B	H	46	345	94.1	0.87	117	213	240	7221B	6213	860		X	WP1	5500
V1-50D4-W32616A	50	1770	326TP	1.15	F	B	H	112.8/56.4	418	94.5	0.87	146	216	230	7221B	6213	910	X		WP1	5500
V1-50D4-W32616B	50	1770	326TP	1.15	F	B	H	112.8/56.4	418	94.5	0.87	146	216	230	7221B	6213	910	X		WP1	5500
V1-50S4-W32616A	50	1770	326TP	1.15	F	B	H	56.4	418	94.5	0.87	146	216	230	7221B	6213	910		X	WP1	5500
V1-60D4-W36416A	60	1770	364TP	1.15	F	B	H	136.6/68.3	505	95	0.87	175	218	240	7224B	6314	1179	X		WP1	5600
V1-60D4-W36416B	60	1770	364TP	1.15	F	B	H	136.6/68.3	505	95	0.87	175	218	240	7224B	6314	1179	X		WP1	5600
V1-60S4-W36416A	60	1770	364TP	1.15	F	B	H	68.3	505	95	0.87	175	218	240	7224B	6314	1179	X		WP1	5600
V1-75D4-W36516A	75	1770	365TP	1.15	F	B	H	170/85	637	95	0.87	219	220	240	7224B	6314	1210	X		WP1	5600
V1-75D4-W36516B	75	1770	365TP	1.15	F	B	H	170/85	637	95	0.87	219	220	240	7224B	6314	1210	X		WP1	5600
V1-75S4-W36516A	75	1770	365TP	1.15	F	B	H	85	637	95	0.87	219	220	240	7224B	6314	1210		X	WP1	5600
V1-75S4-W36516B	75	1770	365TP	1.15	F	B	H	85	637	95	0.87	219	220	240	7224B	6314	1210		X	WP1	5600
V1-100D4-W40416A	100	1770	404TP	1.15	F	B	H	224/112	818	95.4	0.88	292	220	240	7230B	6317	1726	X		WP1	6700
V1-100D4-W40416B	100	1770	404TP	1.15	F	B	H	224/112	818	95.4	0.88	292	220	240	7230B	6317	1726	X		WP1	6700
V1-100S4-W40416A	100	1770	404TP	1.15	F	B	H	112	818	95.4	0.88	292	220	240	7230B	6317	1726		X	WP1	6700
V1-100S4-W40416A-EHT	100	1770	404TP	1.15	F	B	H	112	818	95.4	0.88	292	220	240	7230B/DT	6317	1726		X	WP1	13400
V1-125S4-W40516A	125	1780	405TP	1.15	F	B	H	139	998	95.4	0.88	365	210	230	7230B	6317	1782		X	WP1	6700
V1-125S4-W40516A-EHT	125	1780	405TP	1.15	F	B	H	139	998	95.4	0.88	365	210	230	7230B/DT	6317	1782		X	WP1	13400
V1-150S4-W44416A	150	1780	444TP	1.15	F	B	H	165	1188	95.8	0.88	438	196	220	7232B	6318	1984		X	WP1	7200
V1-150S4-W44416A-EHT	150	1780	444TP	1.15	F	B	H	165	1188	95.8	0.88	438	196	220	7232B/DT	6318	1984		X	WP1	14400
V1-200S4-W44516A	200	1780	445TP	1.15	F	B	G	221	1462	95.8	0.88	584	166	220	7232B	6318	2099		X	WP1	7200
V1-200S4-W44516A-EHT	200	1780	445TP	1.15	F	B	G	221	1462	95.8	0.88	584	166	220	7232B/DT	6318	2099		X	WP1	14400
V1-250S4-W44516A	250	1780	445TP	1.15	F	B	G	276	1849	95.8	0.88	730	168	220	7232B	6318	2206		X	WP1	7200
V1-250S4-W44516A-EHT	250	1780	445TP	1.15	F	B	G	276	1849	95.8	0.88	730	168	220	7232B/DT	6318	2206		X	WP1	14400
V1-300S4-W500824A-EHT	300	1780	5008P	1.15	F	B	G	328	2328	95.8	0.9	876	188	230	7236B/DT	6322	3693		X	WP1	24000
V1-350S4-W500824A-EHT	350	1780	5006P	1.15	F	B	G	379	2672	95.8	0.9	1022	178	230	7236B/DT	6322	3693		X	WP1	24000
V1-400S4-W500824A-EHT	400	1780	5008P	1.15	F	B	G	437	2840	95.8	0.9	1168	164	220	7236B/DT	6322	3955		X	WP1	24000
V1-450S4-W500824A-EHT	450	1780	5008P	1.15	F	B	G	489	3375	96.2	0.9	1314	176	220	7236B/DT	6322	4193		X	WP1	24000
V1-500S4-W500824A-EHT	500	1780	5008P	1.15	F	B	G	544	3645	96.2	0.9	1460	168	220	7236B/DT	6322	4369		X	WP1	24000

VERTICAL
HOLLOW

Performance Data—VHS

V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER DUTY (20:1 VT)



HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V2 SERIES

Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 230V/460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	Upper Bearing	Bottom Bearing	Weight (lbs.)	PWS 230V	PWS 460V	Enclosure Type	Down Thrust
V2-10D4-W21510A	10	1800	215TP	1.15	F	B	H	24.4/12.2	85	91.7	0.84	29	220	250	6210	7310B	366	X		WP1	2500
V2-15D4-W25410A	15	1800	254TP	1.15	F	B	H	34.6/17.3	128	93	0.86	44	218	250	6212	7312B	595	X		WP1	3200
V2-20D4-W25610A	20	1800	256TP	1.15	F	B	H	47/23.5	172	93	0.86	58	215	250	6212	7312B	595	X		WP1	3200
V2-25D4-W28410A	25	1800	284TP	1.15	F	B	H	57.6/28.8	210	93.6	0.86	73	215	250	6212	7312B	668	X		WP1	3200
V2-25D4-W28410B	25	1800	284TP	1.15	F	B	H	57.6/28.8	210	93.6	0.86	73	215	250	6212	7312B	668	X		WP1	3200
V2-30D4-W28610A	30	1800	286TP	1.15	F	B	H	68.2/34.1	256	94.1	0.86	88	212	240	6212	7312B	698	X		WP1	3200
V2-30D4-W28610B	30	1800	286TP	1.15	F	B	H	68.2/34.1	256	94.1	0.86	88	212	240	6212	7312B	698	X		WP1	3200
V2-40D4-W32416A	40	1800	324TP	1.15	F	B	H	92/46	345	94.1	0.87	117	213	240	7221B	6213	860	X		WP1	5500
V2-40D4-W32416B	40	1800	324TP	1.15	F	B	H	92/46	345	94.1	0.87	117	213	240	7221B	6213	860	X		WP1	5500
V2-40S4-W32416A	40	1800	324TP	1.15	F	B	H	46	345	94.1	0.87	117	213	240	7221B	6213	860		X	WP1	5500
V2-50D4-W32616A	50	1800	326TP	1.15	F	B	H	112.8/56.4	418	94.5	0.87	146	216	230	7221B	6213	910	X		WP1	5500
V2-50D4-W32616B	50	1800	326TP	1.15	F	B	H	112.8/56.4	418	94.5	0.87	146	216	230	7221B	6213	910	X		WP1	5500
V2-50S4-W32616A	50	1800	326TP	1.15	F	B	H	56.4	418	94.5	0.87	146	216	230	7221B	6213	910		X	WP1	5500
V2-60D4-W36416A	60	1800	364TP	1.15	F	B	H	136.6/68.3	505	95	0.87	175	218	240	7224B	6314	1179	X		WP1	5600
V2-60D4-W36416B	60	1800	364TP	1.15	F	B	H	136.6/68.3	505	95	0.87	175	218	240	7224B	6314	1179	X		WP1	5600
V2-60S4-W36416A	60	1800	364TP	1.15	F	B	H	68.3	505	95	0.87	175	218	240	7224B	6314	1179		X	WP1	5600
V2-60S4-W36416B	60	1800	364TP	1.15	F	B	H	68.3	505	95	0.87	175	218	240	7224B	6314	1179		X	WP1	5600
V2-75D4-W36516A	75	1800	365TP	1.15	F	B	H	170/85	637	95	0.87	219	220	240	7224B	6314	1210	X		WP1	5600
V2-75D4-W36516B	75	1800	365TP	1.15	F	B	H	170/85	637	95	0.87	219	220	240	7224B	6314	1210	X		WP1	5600
V2-75S4-W36516A	75	1800	365TP	1.15	F	B	H	85	637	95	0.87	219	220	240	7224B	6314	1210		X	WP1	5600
V2-75S4-W36516B	75	1800	365TP	1.15	F	B	H	85	637	95	0.87	219	220	240	7224B	6314	1210		X	WP1	5600
V2-100D4-W40416A	100	1800	404TP	1.15	F	B	H	224/112	818	95.4	0.88	292	220	240	7230B	6317	1726	X		WP1	6700
V2-100D4-W40416B	100	1800	404TP	1.15	F	B	H	224/112	818	95.4	0.88	292	220	240	7230B	6317	1726	X		WP1	6700
V2-100S4-W40416A	100	1800	404TP	1.15	F	B	H	112	818	95.4	0.88	292	220	240	7230B	6317	1726		X	WP1	6700
V2-100S4-W40416A-EHT	100	1800	404TP	1.15	F	B	H	112	818	95.4	0.88	292	220	240	7230B/DT	6317	1726		X	WP1	13400
V2-125S4-W40516A	125	1800	405TP	1.15	F	B	H	139	998	95.4	0.88	365	210	230	7230B	6317	1782		X	WP1	6700
V2-125S4-W40516A-EHT	125	1800	405TP	1.15	F	B	H	139	998	95.4	0.88	365	210	230	7230B/DT	6317	1782		X	WP1	13400
V2-150S4-W44416A	150	1800	444TP	1.15	F	B	H	165	1188	95.8	0.88	438	196	220	7232B	6318	1984		X	WP1	7200
V2-150S4-W44416A-EHT	150	1800	444TP	1.15	F	B	H	165	1188	95.8	0.88	438	196	220	7232B/DT	6318	1984		X	WP1	14400
V2-200S4-W44516A	200	1800	445TP	1.15	F	B	G	221	1462	95.8	0.88	584	166	220	7232B/DT	6318	2099		X	WP1	7200
V2-200S4-W44516A-EHT	200	1800	445TP	1.15	F	B	G	221	1462	95.8	0.88	584	166	220	7232B/DT	6318	2099		X	WP1	14400
V2-250S4-W44516A	250	1800	445TP	1.15	F	B	G	276	1849	95.8	0.88	730	168	220	7232B	6318	2206		X	WP1	7200
V2-250S4-W44516A-EHT	250	1800	445TP	1.15	F	B	G	276	1849	95.8	0.88	730	168	220	7232B/DT	6318	2206		X	WP1	14400
V2-300S4-W500624A-EHT	300	1800	5006P	1.15	F	B	G	328	2328	95.8	0.9	876	188	230	7236B/DT	6322	3693		X	WP1	24000
V2-350S4-W500624A-EHT	350	1800	5006P	1.15	F	B	G	379	2672	95.8	0.9	1022	178	230	7236B/DT	6322	3693		X	WP1	24000
V2-400S4-W500824A-EHT	400	1800	5008P	1.15	F	B	G	437	2840	95.8	0.9	1168	164	220	7236B/DT	6322	3955		X	WP1	24000
V2-450S4-W500824A-EHT	450	1800	5008P	1.15	F	B	G	489	3375	96.2	0.9	1314	176	220	7236B/DT	6322	4193		X	WP1	24000
V2-500S4-W500824A-EHT	500	1800	5008P	1.15	F	B	G	544	3645	96.2	0.9	1460	168	220	7236B/DT	6322	4369		X	WP1	24000

VERTICAL
HOLLOW
SHAFT



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE Bearing	ODE Bearing	Weight (lbs.)
PC182T-3-4	3	1800	182	1.15	F	B	K	9.7-8.8/4.4	32	89.5	0.76	8.8	270	350	6306-ZZ/C3	6306-ZZ/C3	80
PC184T-5-4	5	1800	184	1.15	F	B	J	14.8-13.4/6.7	46	89.5	0.81	14.8	260	310	6306-ZZ/C3	6306-ZZ/C3	88
PC213T-7.5-4	7.5	1800	213	1.15	F	B	H	21-19/9.5	63	91.7	0.82	22	240	290	6308-ZZ/C3	6308-ZZ/C3	145
PC215T-10-4	10	1800	215	1.15	F	B	H	27.2-24.6/12.3	81	91.7	0.84	30.2	230	270	6308-ZZ/C3	6308-ZZ/C3	165
PC254T-15-4	15	1800	254	1.15	F	B	G	40.5-36.6/18.3	116	92.4	0.84	45	210	250	6309/C3	6309/C3	260
PC256T-20-4	20	1800	256	1.15	F	B	G	53.5-48.4/24.2	145	93	0.86	59.8	200	230	6309/C3	6309/C3	308
PC284T-25-4	25	1800	284	1.15	F	B	G	66.3-60/30	182	93.6	0.87	74.3	200	280	6311/C3	6311/C3	378
PC286T-30-4	30	1800	286	1.15	F	B	G	78.1-70.6/35.3	217	93.6	0.87	89.1	200	300	6311/C3	6311/C3	378
PC324T-40-4	40	1800	324	1.15	F	B	G	103.3-93.4/46.7	290	94.1	0.87	119	190	280	6312/C3	6312/C3	498
PC326T-50-4	50	1800	326	1.15	F	B	G	128.9-116.6/58.3	362	94.5	0.88	148.4	190	270	6312/C3	6312/C3	570
PC364T-60-4	60	1800	364	1.15	F	B	G	154.8-140/70	435	95	0.88	177.6	190	270	6313/C3	6313/C3	860

Dimensions—Rolled Steel

1/3 HP—2 HP GENERAL PURPOSE C-FLANGE W/ FEET ROLLED STEEL

ROLLED
STEEL

56C/CH FRAME
SINGLE PHASE
TEFC

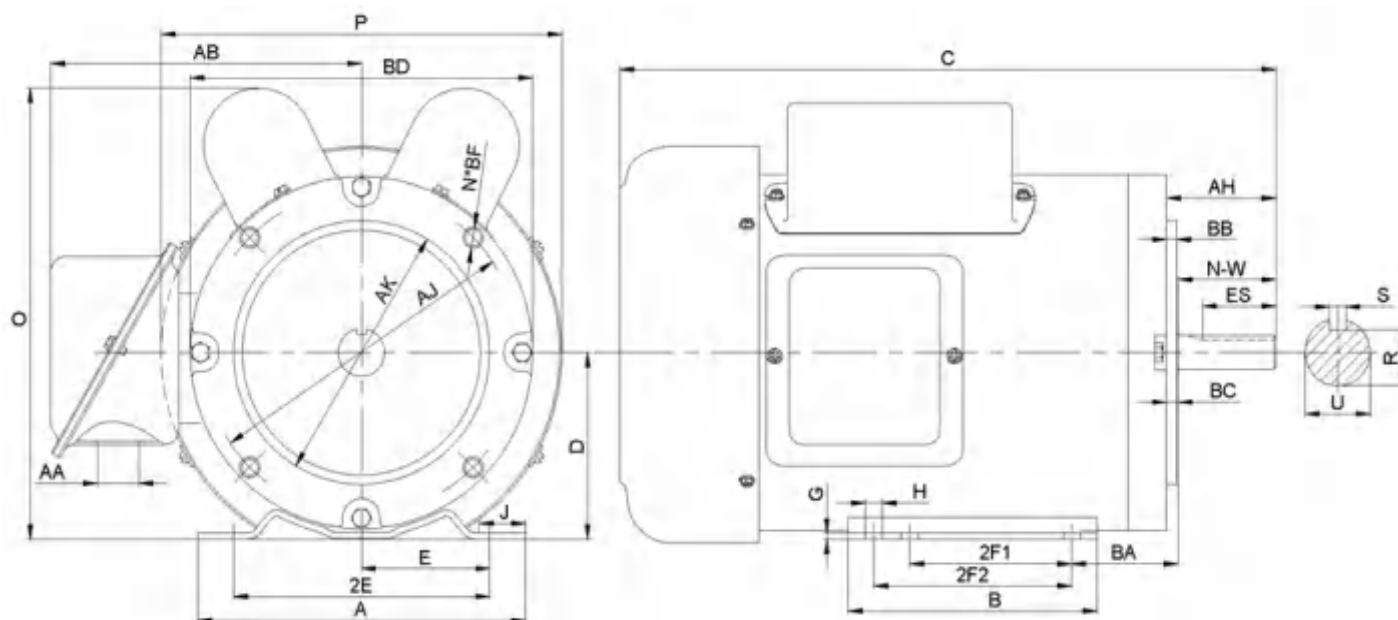


Diagram A

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES		
F56C1/3S2C	1/3	3600	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C1/3S4C	1/3	1800	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C1/2S2C	1/2	3600	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C1/2S4C	1/2	1800	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C3/4S2C	3/4	3600	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C3/4S4C	3/4	1800	56C	11.50	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C1S2C	1	3600	56C	11.50	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C1S4C	1	1800	56C	11.50	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56C1.5S2C	1.5	3600	56C	11.50	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56CH1.5S4C	1.5	1800	56CH	12.50	3.50	2.44	3.0	5.0	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56CH2S2C	2	3600	56CH	12.50	3.50	2.44	3.0	5.0	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A
F56CH2S4C	2	1800	56CH	13.66	3.50	2.44	3.0	5.0	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	A

Dimensions—Rolled Steel

1/3 HP—3 HP GENERAL PURPOSE C-FLANGE W/ FEET ROLLED STEEL

56C/CH FRAME
THREE-PHASE
TEFC

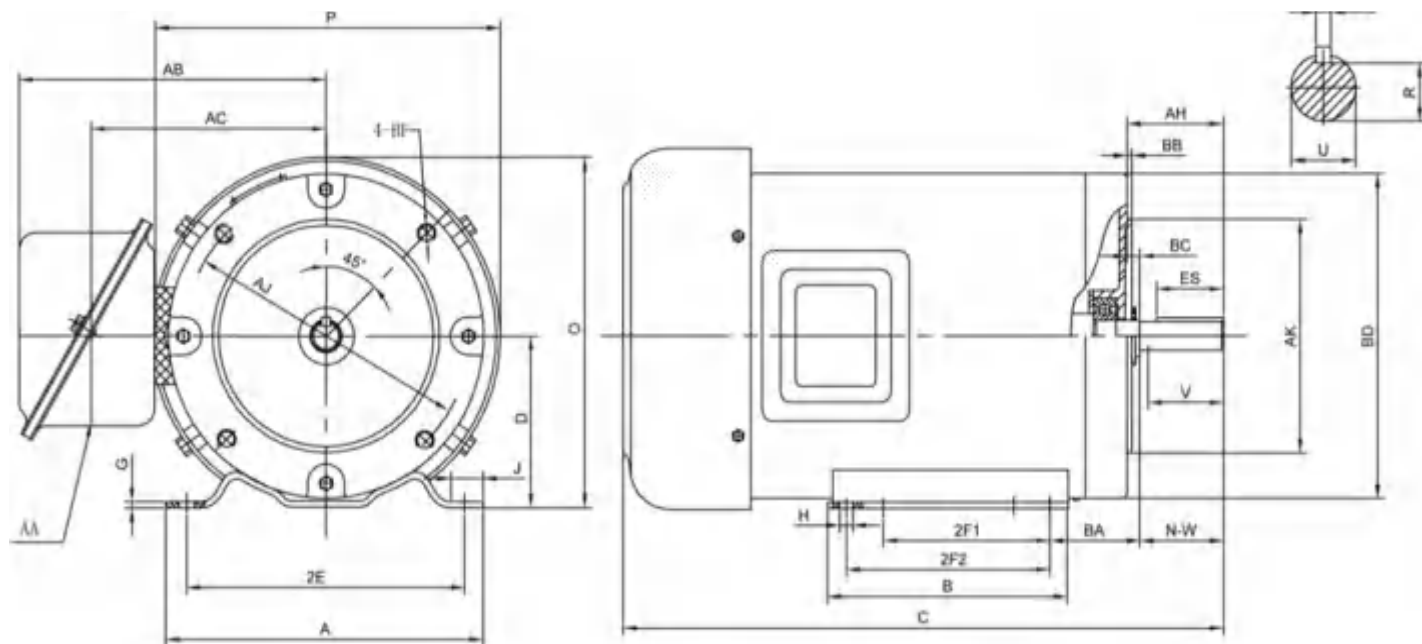


Diagram B

Model Number	HP	RPM	Frame	Motor Dimensions							Flange		Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES			
F56C1/3M2A	1/3	3600	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
F56C1/3M2A-575V	1/3	3600	56C	10.65	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
F56C1/3M4A	1/3	1800	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
F56C1/3M4A-575V	1/3	1800	56C	10.65	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
F56C1/2M2A	1/2	3600	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
F56C1/2M2A-575V	1/2	3600	56C	10.65	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
F56C1/2M4A	1/2	1800	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
F56C1/2M4A-575V	1/2	1800	56C	10.65	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
F56C3/4M2A	3/4	3600	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
F56C3/4M2A-575V	3/4	3600	56C	10.65	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
F56C3/4M4A	3/4	1800	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
F56C3/4M4A-575V	3/4	1800	56C	10.65	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56C1M2A	1	3600	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56C1M2A-575V	1	3600	56C	11.91	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56C1M4A	1	1800	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56C1M4A-575V	1	1800	56C	11.91	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56C1.5M2A	1.5	3600	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56C1.5M2A-575V	1.5	3600	56C	11.91	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56C1.5M4A	1.5	1800	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56C1.5M4A-575V	1.5	1800	56C	12.69	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56C2M2A	2	3600	56C	10.70	3.50	2.44	3.0	NA	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56C2M2A-575V	2	3600	56C	11.91	3.50	2.44	3.0	NA	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56CH2M4A	2	1800	56CH	10.70	3.50	2.44	3.0	5.0	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56CH2M4A-575V	2	1800	56CH	12.69	3.50	2.44	3.0	5.0	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	
PR56CH3M2A	3	3600	56CH	10.70	3.50	2.44	3.0	5.0	7.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	B	
PR56CH3M2A-575V	3	3600	56CH	12.69	3.50	2.44	3.0	5.0	7.0	7.0	5.88	1.88	0.625	0.517	0.188	1.38	0.80	B	

Dimensions—Rolled Steel

1 HP—10 HP GENERAL PURPOSE ROLLED STEEL

143T—215T FRAME
THREE-PHASE
TEFC

ROLLED
STEEL

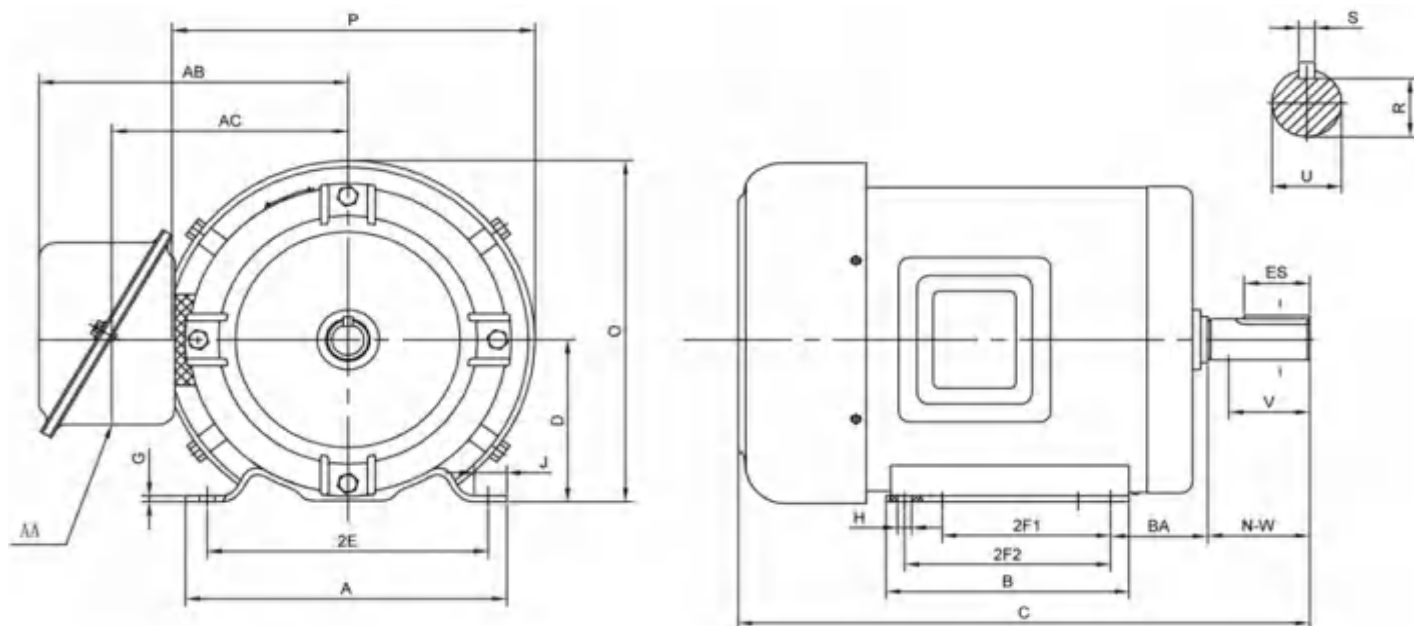


Diagram C

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		N-W	U	R	S	ES		
PR143T1M4A	1	1800	143T	12.69	3.50	2.75	4.0	5.0	7.0	7.0	0.00	2.25	0.875	0.771	0.188	1.38	1.10	C
PR143T1.5M2A	1.5	3600	143T	12.69	3.50	2.75	4.0	5.0	7.0	7.0	0.00	2.25	0.875	0.771	0.188	1.38	1.10	C
PR145T1.5M4A	1.5	1800	145T	12.69	3.50	2.75	4.0	5.0	7.0	7.0	0.00	2.25	0.875	0.771	0.188	1.38	1.10	C
PR145T2M2A	2	3600	145T	12.69	3.50	2.75	4.0	5.0	7.0	7.0	0.00	2.25	0.875	0.771	0.188	1.38	1.10	C
PR145T2M4A	2	1800	145T	12.89	3.50	2.75	4.0	5.0	7.0	7.0	0.00	2.25	0.875	0.771	0.188	1.38	1.10	C
PR182T3M2A	3	3600	182T	15.45	4.50	3.75	4.5	5.5	9.1	10.1	0.00	2.75	1.125	0.986	0.250	1.75	1.10	C
PR182T3M4A	3	1800	182T	15.45	4.50	3.75	4.5	5.5	9.1	10.1	0.00	2.75	1.125	0.986	0.250	1.75	1.10	C
PR184T5M2A	5	3600	184T	15.45	4.50	3.75	4.5	5.5	9.1	10.1	0.00	2.75	1.125	0.986	0.250	1.75	1.10	C
PR184T5M4A	5	1800	184T	15.45	4.50	3.75	4.5	5.5	9.1	10.1	0.00	2.75	1.125	0.986	0.250	1.75	1.10	C
PR213T7.5M2A	7.5	3600	213T	19.00	5.25	4.25	5.5	7.0	10.6	11.6	0.00	3.38	1.375	1.201	0.312	2.38	1.38	C
PR213T7.5M4A	7.5	1800	213T	19.00	5.25	4.25	5.5	7.0	10.6	11.6	0.00	3.38	1.375	1.201	0.312	2.38	1.38	C
PR215T10M2A	10	3600	215T	19.00	5.25	4.25	5.5	7.0	10.6	11.6	0.00	3.38	1.375	1.201	0.312	2.38	1.38	C
PR215T10M4A	10	1800	215T	19.00	5.25	4.25	5.5	7.0	10.6	11.6	0.00	3.38	1.375	1.201	0.312	2.38	1.38	C

Dimensions—Rolled Steel

1/3 HP—10 HP FARM DUTY ROLLED STEEL

56C—215T FRAME
SINGLE PHASE
TEFC

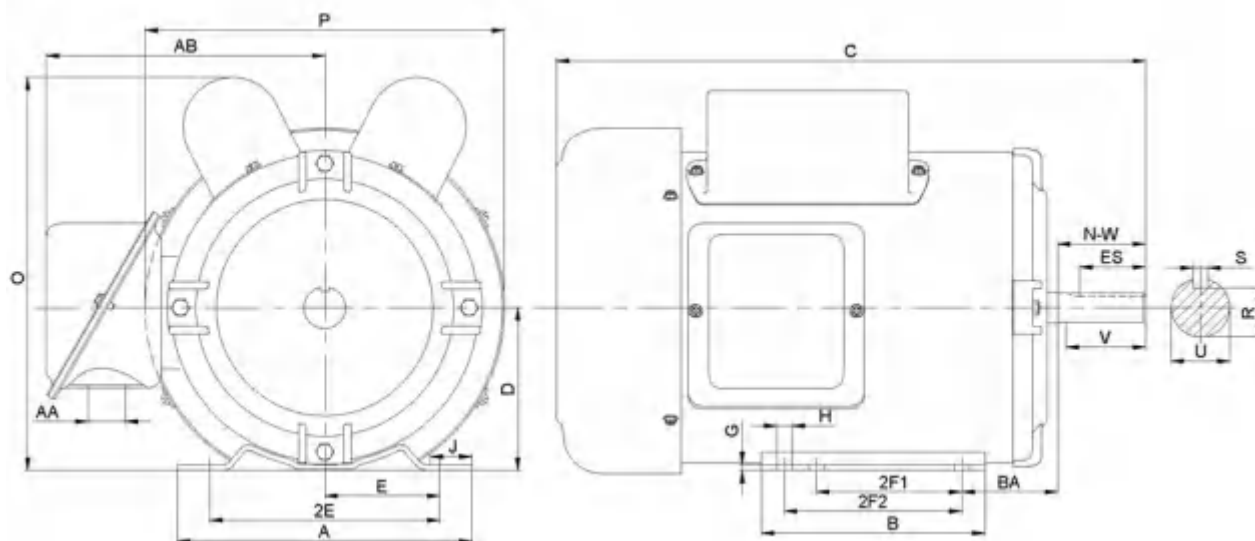


Diagram D

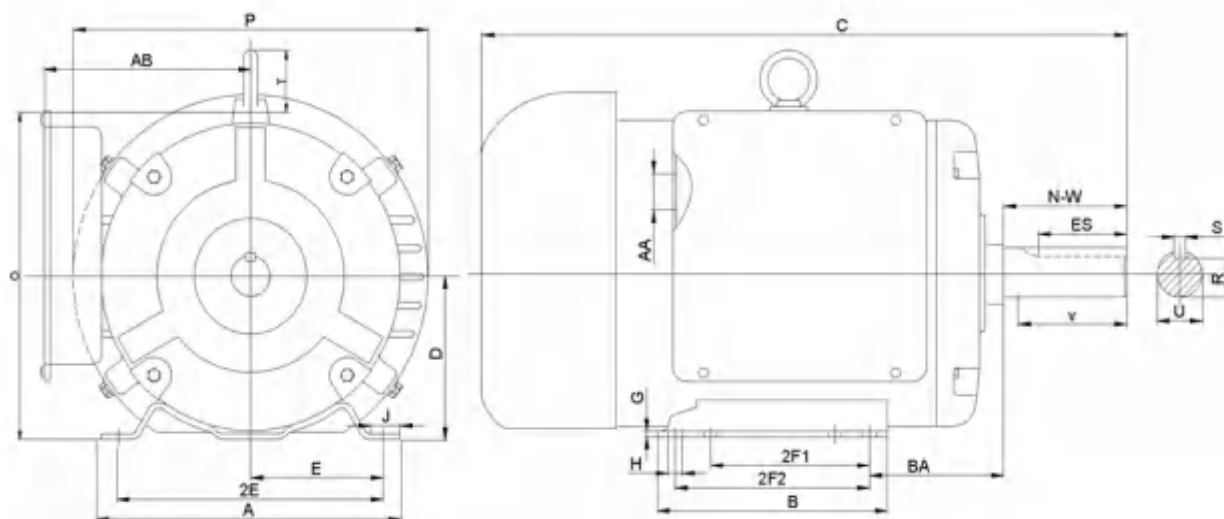


Diagram E

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft			Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		AJ	N-W	U	R	S	ES		
F56C1/3S4C-MO	1/3	1800	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	D	
F56C1/2S4C-MO	1/2	1800	56C	10.70	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	D	
F56C3/4S4C-MO	3/4	1800	56C	11.50	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	D	
F56C1S4C-MO	1	1800	56C	11.50	3.50	2.44	3.0	NA	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	D	
F143T1S4C-MO	1	1800	143T	13.35	3.50	2.75	4.0	5.0	8.5	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.81	D	
F56CH1.5S4C-MO	1.5	1800	56CH	12.50	3.50	2.44	3.0	5.0	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	D	
F145T1.5S4C-MO	1.5	1800	145T	13.35	3.50	2.75	4.0	5.0	8.5	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.81	D	
F56CH2S4C-MO	2	1800	56CH	13.66	3.50	2.44	3.0	5.0	8.0	6.8	5.88	1.88	0.625	0.517	0.188	1.41	1.10	D	
F145T2S4C-MO	2	1800	145T	14.19	3.50	2.75	4.0	5.0	8.5	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.81	D	
F182T3S4C-MO	3	1800	182T	16.80	4.50	3.75	4.5	5.5	9.2	10.1	0.00	2.75	1.125	0.986	0.250	1.78	1.10	E	
F184T5S2C-MO	5	3600	184T	16.80	4.50	3.75	4.5	5.5	9.2	10.1	0.00	2.75	1.125	0.986	0.250	1.78	1.10	E	
F184T5S4C-MO	5	1800	184T	17.87	4.50	3.75	4.5	5.5	9.2	10.1	0.00	2.75	1.125	0.986	0.250	1.78	1.10	E	
F213T7.5S4C	7.5	1800	213T	20.25	5.25	4.25	5.5	7.0	10.7	11.6	0.00	3.38	3.380	1.201	0.312	2.41	1.10	E	
F215T10S4C	10	1800	215T	20.25	5.25	4.25	5.5	7.0	10.7	11.6	0.00	3.38	3.380	1.201	0.312	2.41	1.10	E	

Dimensions—Rolled Steel

3 HP—5 HP COMPRESSOR DUTY ROLLED STEEL

56H—184T FRAME
SINGLE PHASE
ODP

ROLLED
STEEL

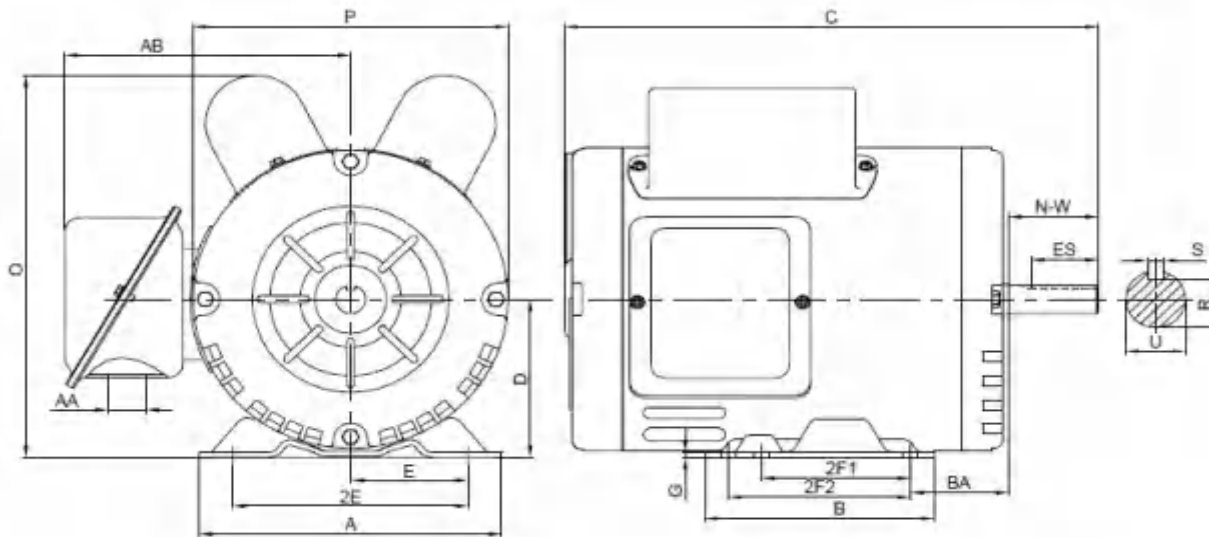


Diagram F

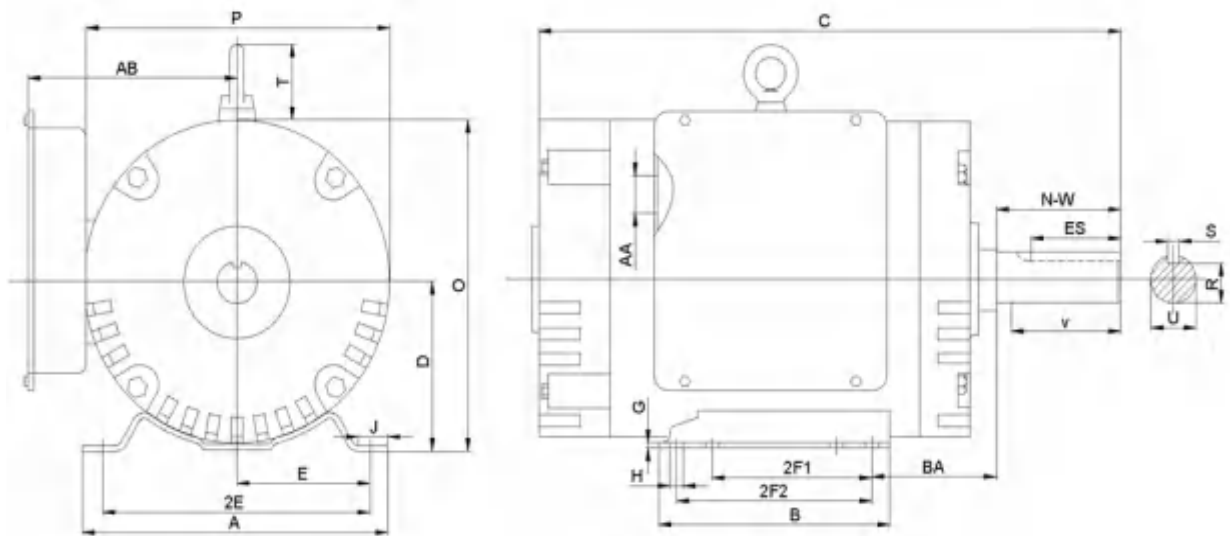


Diagram G

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		AJ	N-W	U	R	S		
D182T3S4C	3	1800	182T	15.75	4.50	3.75	4.5	5.5	9.2	8.5	0	2.75	1.125	0.986	0.250	1.78	1.10	G
D56H5S2C-MO	5	3600	56H	13.40	3.50	2.44	3.0	5.0	8.4	6.5	0	1.88	0.625	0.517	0.188	1.41	1.10	F
D184T5S4C	5	1800	184T	15.75	4.50	3.75	4.5	5.5	9.2	8.5	0	2.75	1.125	0.986	0.250	1.78	1.10	G

Dimensions—Aluminum

1 HP—10 HP GENERAL PURPOSE ALUMINUM

143T—215T FRAME
THREE-PHASE
TEFC

ALUMINUM

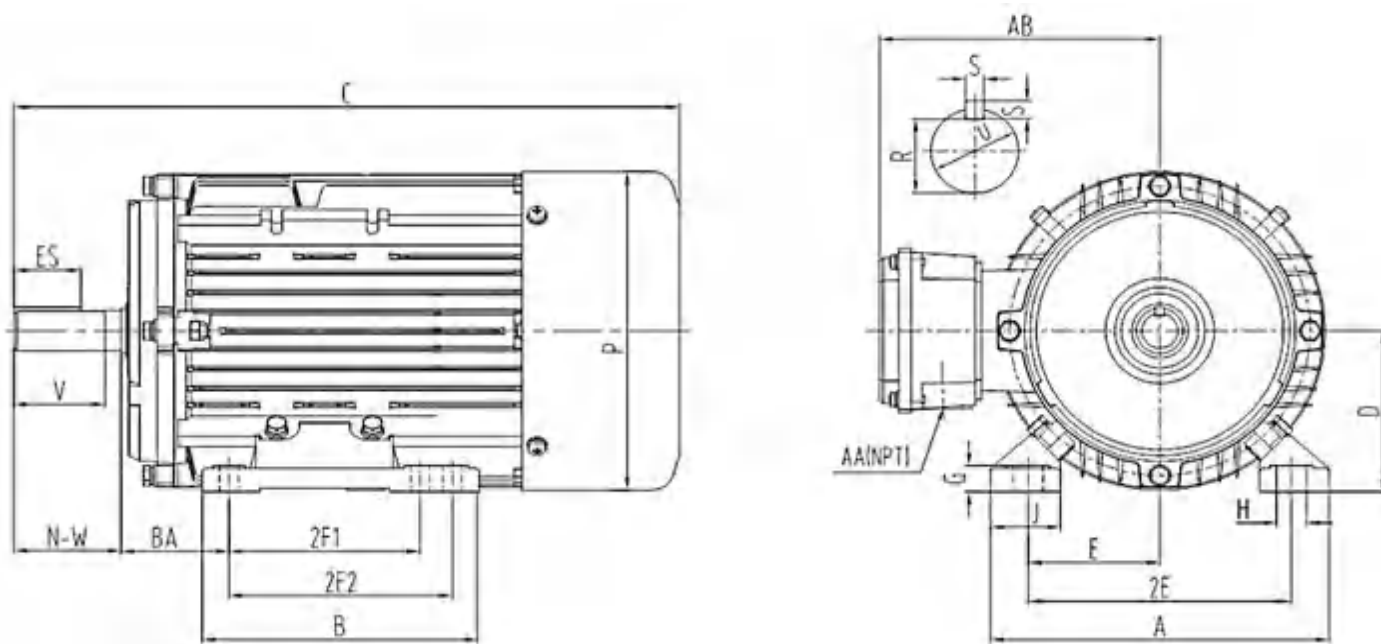


Diagram H

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES		
APE143T-1-4	1	1800	143T	13.90	3.50	2.75	4.0	NA	NA	5.9	0.00	2.25	0.875	0.770	0.188	1.41	0.75	H
APE143T-1.5-2	1.5	3600	143T	13.90	3.50	2.75	4.0	NA	NA	5.9	0.00	2.25	0.875	0.771	0.188	1.41	0.75	H
APE145T-1.5-4	1.5	1800	145T	15.10	3.50	2.75	4.9	NA	NA	5.9	0.00	2.25	0.875	0.771	0.188	1.41	0.75	H
APE145T-2-2	2	3600	145T	15.10	3.50	2.75	4.9	NA	NA	5.9	0.00	2.25	0.875	0.771	0.188	1.41	0.75	H
APE145T-2-4	2	1800	145T	15.10	3.50	2.75	4.9	NA	NA	5.9	0.00	2.25	0.875	0.771	0.188	1.41	0.75	H
APE182T-3-2	3	3600	182T	15.60	4.50	3.75	4.5	5.5	7.9	9.2	0.00	2.75	1.125	0.984	0.250	1.79	0.75	H
APE182T-3-4	3	1800	182T	15.60	4.50	3.75	4.5	5.5	7.9	9.2	0.00	2.75	1.125	0.984	0.250	1.79	0.75	H
APE184T-5-2	5	3600	184T	16.60	4.50	3.75	4.5	5.5	7.9	9.2	0.00	2.75	1.125	0.984	0.250	1.79	0.75	H
APE184T-5-4	5	1800	184T	16.60	4.50	3.75	4.5	5.5	7.9	9.2	0.00	2.75	1.125	0.984	0.250	1.79	0.75	H
APE213T-7.5-2	7.5	3600	213T	18.20	5.25	4.25	5.5	NA	8.8	10.2	0.00	3.38	1.378	1.201	0.312	2.41	0.75	H
APE213T-7.5-4	7.5	1800	213T	18.20	5.25	4.25	5.5	NA	8.8	10.2	0.00	3.38	1.378	1.201	0.312	2.41	3/4	H
APE215T-10-2	10	3600	215T	19.60	5.25	4.25	5.5	7.0	8.8	10.2	0.00	3.38	1.378	1.201	0.312	2.41	0.75	H
APE215T-10-4	10	1800	215T	19.60	5.25	4.25	5.5	7.0	8.8	10.2	0.00	3.38	1.378	1.201	0.312	2.41	0.75	H

Dimensions—General Purpose

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC

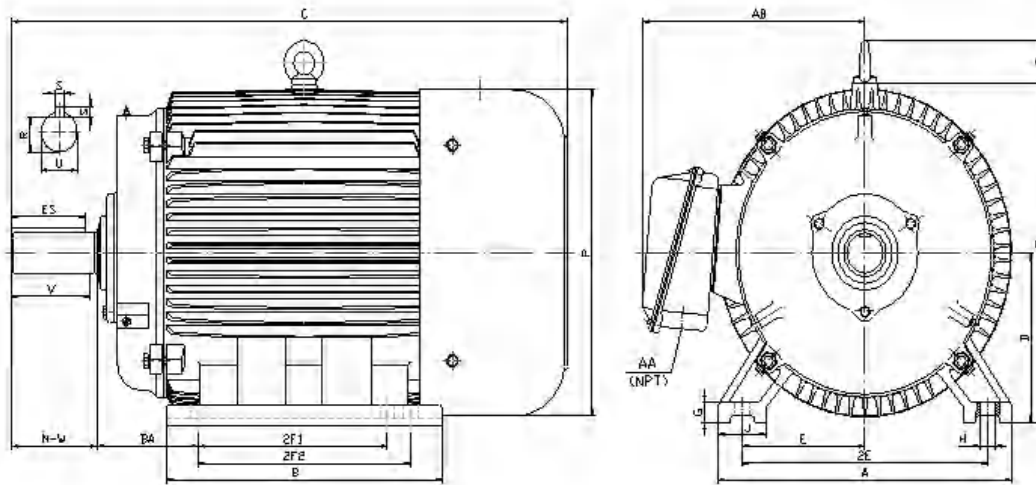


Diagram I

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		N-W	U	R	S	ES		
PE143T-1-4	1	1800	143T	13.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE143T-1-4-575V	1	1800	143T	13.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-1-6	1	1200	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-1-6-575V	1	1200	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE143T-1.5-2	1.5	3600	143T	13.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE143T-1.5-2-575V	1.5	3600	143T	13.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-1.5-4	1.5	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-1.5-4-575V	1.5	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE182T-1.5-6	1.5	1200	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE182T-1.5-6-575V	1.5	1200	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE145T-2-2	2	3600	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-2-2-575V	2	3600	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-2-4	2	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE145T-2-4-575V	2	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE184T-2-6	2	1200	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE184T-2-6-575V	2	1200	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE145T-3-2	3	3600	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	I
PE182T-3-2	3	3600	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE182T-3-2-575V	3	3600	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE182T-3-4	3	1800	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE182T-3-4-575V	3	1800	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE213T-3-6	3	1200	213T	18.90	5.25	4.25	5.5	0.0	11.2	11.6	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE213T-3-6-575V	3	1200	213T	18.90	5.25	4.25	5.5	0.0	11.2	11.6	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE184T-5-2	5	3600	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE184T-5-2-575V	5	3600	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE184T-5-4	5	1800	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE184T-5-4-575V	5	1800	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE215T-5-6	5	1200	215T	20.40	5.25	4.25	5.5	7.0	11.2	11.6	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE215T-5-6-575V	5	1200	215T	20.40	5.25	4.25	5.5	7.0	11.2	11.6	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE184T-7.5-2	7.5	3600	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	I
PE213T-7.5-2	7.5	3600	213T	18.90	5.25	4.25	5.5	0.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE213T-7.5-2-575V	7.5	3600	213T	18.90	5.25	4.25	5.5	0.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE213T-7.5-4	7.5	1800	213T	18.90	5.25	4.25	5.5	0.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE213T-7.5-4-575V	7.5	1800	213T	18.90	5.25	4.25	5.5	0.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE254T-7.5-6	7.5	1200	254T	23.20	6.25	5.00	8.3	0.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE254T-7.5-6-575V	7.5	1200	254T	23.20	6.25	5.00	8.3	0.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE215T-10-2	10	3600	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE215T-10-2-575V	10	3600	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE215T-10-4	10	1800	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE215T-10-4-575V	10	1800	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE256T-10-6	10	1200	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE256T-10-6-575V	10	1200	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE215T-15-2	15	3600	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	I
PE254T-15-2	15	3600	254T	23.20	6.25	5.00	8.3	0.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE254T-15-2-575V	15	3600	254T	23.20	6.25	5.00	8.3	0.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE254T-15-4	15	1800	254T	23.20	6.25	5.00	8.3	0.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE254T-15-4-575V	15	1800	254T	23.20	6.25	5.00	8.3	0.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE284T-15-6	15	1200	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I
PE284T-15-6-575V	15	1200	284T	26.60	7.00	5.50	9.5	0.0	14.5	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I
PE256T-20-2	20	3600	256T	25.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE256T-20-2-575V	20	3600	256T	25.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE256T-20-4	20	1800	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE256T-20-4-575V	20	1800	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE286T-20-6	20	1200	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I
PE286T-20-6-575V	20	1200	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I
PE256T-25-2	25	3600	256T	25.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	I
PE284T-25-2	25	3600	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I
PE284TS-25-2	25	3600	284TS	25.20	7.00	5.50	9.5	0.0	14.5	14.0	0.00	3.25	1.625	1.416	0.375	1.91	1.50	I
PE284TS-25-2-575V	25	3600	284TS	25.20	7.00	5.50	9.5	0.0	14.5	14.0	0.00	3.25	1.625	1.416	0.375	1.91	1.50	I
PE284T-25-4	25	1800	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I
PE284T-25-4-575V	25	1800	284T	26.60	7.00	5.50	9.5	0										

Dimensions—General Purpose

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC

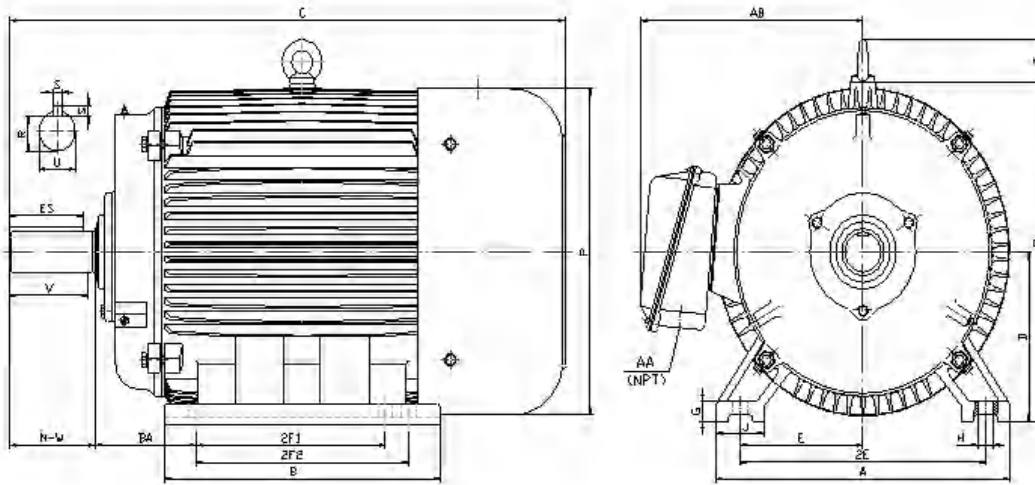


Diagram I

Model Number	HP	RPM	Frame	Motor Dimensions								Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	N-W		U	R	S	ES			
PE286T-30-2	30	3600	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I	
PE286TS-30-2	30	3600	286TS	26.70	7.00	5.50	9.5	11.0	14.5	14.0	0.00	3.25	1.625	1.416	0.375	1.91	1.50	I	
PE286TS-30-2-575V	30	1200	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE286T-30-4	30	1800	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I	
PE286TS-30-4	30	1800	286TS	26.70	7.00	5.50	9.5	11.0	14.5	14.0	0.00	3.25	1.625	1.416	0.375	1.91	1.50	I	
PE326T-30-6	30	1200	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE326T-30-6-575V	30	1200	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE286T-40-2	40	3600	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	I	
PE286TS-40-2	40	3600	286TS	26.70	7.00	5.50	9.5	11.0	14.5	14.0	0.00	3.25	1.625	1.416	0.375	1.91	1.50	I	
PE324T-40-2	40	3600	324T	29.80	8.00	6.25	10.5	0.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE324TS-40-2	40	3600	324TS	28.30	8.00	6.25	10.5	0.0	15.9	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I	
PE324TS-40-2-575V	40	3600	324TS	28.30	8.00	6.25	10.5	0.0	15.9	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I	
PE324T-40-4	40	1800	324T	29.80	8.00	6.25	10.5	0.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE324TS-40-4	40	1800	324TS	28.30	8.00	6.25	10.5	0.0	15.9	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I	
PE324T-40-4-575V	40	1800	324T	29.80	8.00	6.25	10.5	0.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE364T-40-6	40	1200	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE364T-40-6-575V	40	1200	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE326T-50-2	50	3600	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE326TS-50-2	50	3600	326TS	29.80	8.00	6.25	10.5	12.0	15.9	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I	
PE326TS-50-2-575V	50	3600	326TS	29.80	8.00	6.25	10.5	12.0	15.9	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I	
PE326T-50-4	50	1800	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE326TS-50-4	50	1800	326TS	29.80	8.00	6.25	10.5	12.0	15.9	15.7	0.00	3.75	1.875	1.591	0.500	2.03	2.00	I	
PE326T-50-4-575V	50	1800	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	I	
PE365T-50-6	50	1200	365T	33.50	9.00	7.00	11.3	12.3	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE365T-50-6-575V	50	1200	365T	33.50	9.00	7.00	11.3	12.3	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE364T-60-2	60	3600	364T	33.50	9.00	7.00	11.3	12.3	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE364TS-60-2	60	3600	364TS	31.40	9.00	7.00	11.3	12.3	18.1	17.6	0.00	3.75	1.875	1.591	0.500	2.03	3.00	I	
PE364TS-60-2-575V	60	3600	364TS	31.40	9.00	7.00	11.3	12.3	18.1	17.6	0.00	3.75	1.875	1.591	0.500	2.03	3.00	I	
PE364T-60-4	60	1800	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE364TS-60-4	60	1800	364TS	30.40	9.00	7.00	11.3	0.0	18.5	18.4	0.00	3.75	1.875	1.591	0.500	2.03	3.00	I	
PE364T-60-4-575V	60	1800	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE404T-60-6	60	1200	404T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE404T-60-6-BB	60	1200	404T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE404T-60-6-575V	60	1200	404T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE365T-75-2	75	3600	365T	33.50	9.00	7.00	11.3	12.3	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE365TS-75-2	75	3600	365TS	31.40	9.00	7.00	11.3	12.3	18.1	17.6	0.00	3.75	1.875	1.591	0.500	2.03	3.00	I	
PE365TS-75-2-575V	75	3600	365TS	31.40	9.00	7.00	11.3	12.3	18.1	17.6	0.00	3.75	1.875	1.591	0.500	2.03	3.00	I	
PE365T-75-4	75	1800	365T	33.50	9.00	7.00	11.3	12.3	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE365TS-75-4	75	1800	365TS	31.40	9.00	7.00	11.3	12.3	18.5	18.4	0.00	3.75	1.875	1.591	0.500	2.03	3.00	I	
PE365TS-75-4-575V	75	1800	365TS	33.50	9.00	7.00	11.3	12.3	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	I	
PE405T-75-6	75	1200	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE405T-75-6-BB	75	1200	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE405T-75-6-575V	75	1200	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE405T-100-2	100	3600	405T	38.00	10.00	8.00	12.3	13.8	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE405TS-100-2	100	3600	405TS	35.00	10.00	8.00	12.3	13.8	19.8	19.1	0.00	4.25	2.125	1.845	0.500	2.78	3.00	I	
PE405TS-100-2-575V	100	3600	405TS	35.00	10.00	8.00	12.3	13.8	19.8	19.1	0.00	4.25	2.125	1.845	0.500	2.78	3.00	I	
PE405T-100-4	100	1800	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE405T-100-4-BB	100	1800	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE405TS-100-4	100	1800	405TS	35.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	4.25	2.125	1.845	0.500	2.78	3.00	I	
PE405T-100-4-575V	100	1800	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	I	
PE444T-100-6	100	1200	444T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE444T-100-6-IN	100	1200	444T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE444T-100-6-575V	100	1200	444T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE444TS-125-2	125	3600	444TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE444TS-125-2-IN	125	3600	444TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE444TS-125-2-575V	125	3600	444TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE444T-125-4	125	1800	444T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE444T-125-4-IN	125	1800	444T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE444T-125-4-BB	125	1800	444T	44.30	11.00	9.00													

Dimensions—General Purpose

1 HP—600 HP GENERAL PURPOSE CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC

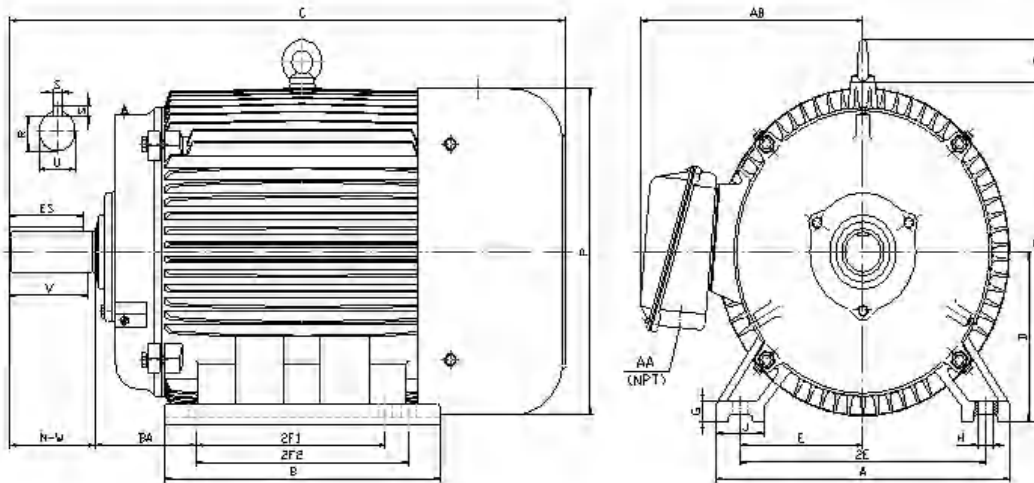


Diagram I

Model Number	HP	RPM	Frame	Motor Dimensions								Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES			
PE445TS-150-2	150	3600	445TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE445TS-150-2-IN	150	3600	445TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE445TS-150-2-575V	150	3600	445TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE445T-150-4	150	1800	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE445T-150-4-IN	150	1800	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE445TS-150-4	150	1800	445TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE445T-150-4-BB	150	1800	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE445T-150-4-575V	150	1800	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447T-150-6	150	1200	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447T-150-6-IN	150	1200	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447TS-150-6-575V	150	1200	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447TS-200-2	200	3600	447TS	44.10	11.00	9.00	16.5	20.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE447TS-200-2-IN	200	3600	447TS	44.10	11.00	9.00	16.5	20.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE447TS-200-2-575V	200	3600	447TS	44.10	11.00	9.00	16.5	20.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE447T-200-4	200	1800	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447T-200-4-IN	200	1800	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447TS-200-4	200	1800	447TS	44.10	11.00	9.00	16.5	20.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE447T-200-4-BB	200	1800	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE447T-200-4-575V	200	1800	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-200-6	200	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-200-6-IN	200	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-200-6-575V	200	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449TS-250-2	250	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE449TS-250-2-IN	250	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE449TS-250-2-575V	250	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE449T-250-4	250	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-250-4-IN	250	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-250-4-BB	250	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-250-4-575V	250	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-250-6	250	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-250-6-IN	250	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-250-6-575V	250	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449TS-300-2	300	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE449TS-300-2-IN	300	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE449TS-300-2-575V	300	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	0.00	4.75	2.375	2.021	0.625	3.03	3.00	I	
PE449T-300-4	300	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-300-4-IN	300	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-300-4-BB	300	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-300-4-575V	300	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-300-6	300	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-300-6-IN	300	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE449T-300-6-575V	300	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	I	
PE587UZ-350-4C-BB	350	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-350-6C-BB	350	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-400-4C-BB	400	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-400-6C-BB	400	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-450-4C-BB	450	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-450-6C-BB	450	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-500-4C-BB	500	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-500-6C-BB	500	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	
PE587UZ-600-4C-BB	500	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10	2 X 3"	I	

Dimensions—General Purpose

1 HP—300 HP
GENERAL PURPOSE
C-FLANGE W/ FEET
CAST IRON

143TC—449TC FRAME
THREE-PHASE
TEFC

GENERAL
PURPOSE

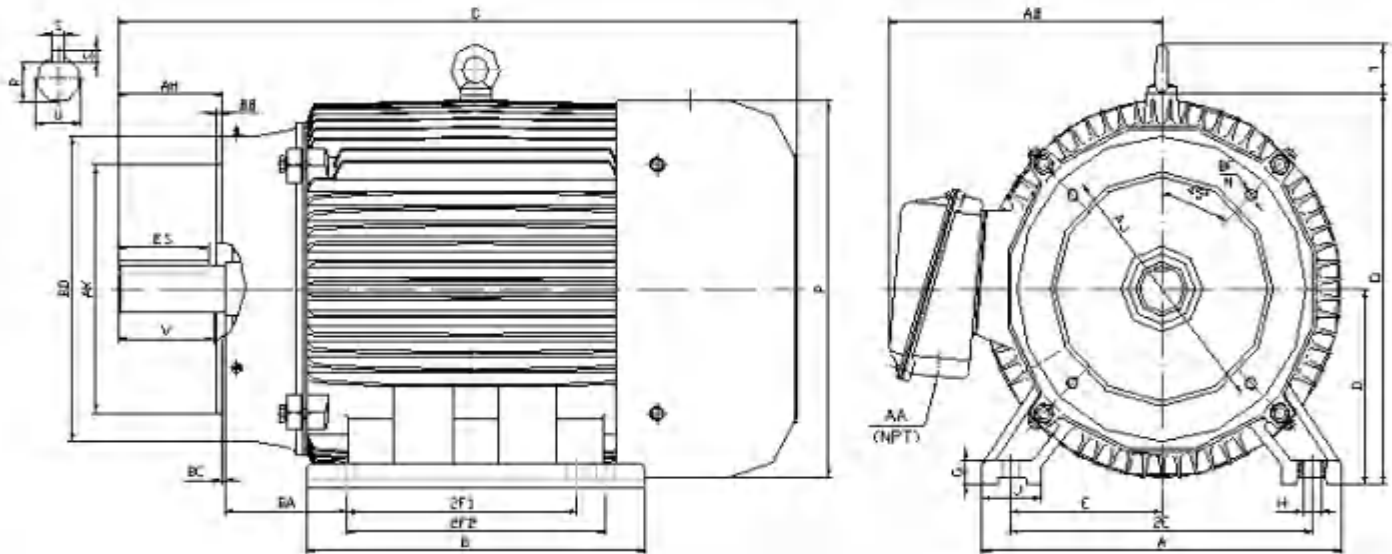


Diagram J

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		AJ	N-W	U	R	S		
PE143TC-1-4	1	1800	143TC	13.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	NA	0.875	0.771	0.188	1.41	0.75	J
PE145TC-1-6	1	1200	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	NA	0.875	0.771	0.188	1.41	0.75	J
PE143TC-1.5-2	1.5	3600	143TC	13.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	NA	0.875	0.771	0.188	1.41	0.75	J
PE145TC-1.5-4	1.5	1800	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	NA	0.875	0.771	0.188	1.41	0.75	J
PE182TC-1.5-6	1.5	1200	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	NA	1.125	0.986	0.250	1.78	0.75	J
PE145TC-2-2	2	3600	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	NA	0.875	0.771	0.188	1.41	0.75	J
PE145TC-2-4	2	1800	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	NA	0.875	0.771	0.188	1.41	0.75	J
PE184TC-2-6	2	1200	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	NA	1.125	0.986	0.250	1.78	0.75	J
PE182TC-3-2	3	3600	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	NA	1.125	0.986	0.250	1.78	0.75	J
PE182TC-3-4	3	1800	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	NA	1.125	0.986	0.250	1.78	0.75	J
PE213TC-3-6	3	1200	213TC	18.90	5.25	4.25	5.5	0.0	11.2	11.6	7.25	NA	1.375	1.201	0.312	2.41	1.00	J
PE184TC-5-2	5	3600	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	NA	1.125	0.986	0.250	1.78	0.75	J
PE184TC-5-4	5	1800	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	NA	1.125	0.986	0.250	1.78	0.75	J
PE215TC-5-6	5	1200	215TC	20.40	5.25	4.25	5.5	7.0	11.2	11.6	7.25	NA	1.375	1.201	0.312	2.41	1.00	J
PE213TC-7.5-2	7.5	3600	213TC	18.90	5.25	4.25	5.5	0.0	10.5	10.2	7.25	NA	1.375	1.201	0.312	2.41	1.00	J
PE213TC-7.5-4	7.5	1800	213TC	18.90	5.25	4.25	5.5	0.0	10.5	10.2	7.25	NA	1.375	1.201	0.312	2.41	1.00	J
PE254TC-7.5-6	7.5	1200	254TC	23.20	6.25	5.00	8.3	0.0	13.2	12.8	7.25	NA	1.625	1.416	0.375	2.91	1.25	J
PE215TC-10-2	10	3600	215TC	20.40	5.25	4.25	5.5	7.0	10.5	10.2	7.25	NA	1.375	1.201	0.312	2.41	1.00	J
PE215TC-10-4	10	1800	215TC	20.40	5.25	4.25	5.5	7.0	10.5	10.2	7.25	NA	1.375	1.201	0.312	2.41	1.00	J
PE256TC-10-6	10	1200	256TC	25.00	6.25	5.00	8.3	10.0	13.2	12.8	7.25	NA	1.625	1.416	0.375	2.91	1.25	J
PE254TC-15-2	15	3600	254TC	23.20	6.25	5.00	8.3	0.0	13.0	12.4	7.25	NA	1.625	1.416	0.375	2.91	1.25	J
PE254TC-15-4	15	1800	254TC	23.20	6.25	5.00	8.3	0.0	13.2	12.8	7.25	NA	1.625	1.416	0.375	2.91	1.25	J
PE256TC-20-2	20	3600	256TC	25.00	6.25	5.00	8.3	10.0	13.0	12.4	7.25	NA	1.625	1.416	0.375	2.91	1.25	J
PE256TC-20-4	20	1800	256TC	25.00	6.25	5.00	8.3	10.0	13.2	12.8	7.25	NA	1.625	1.416	0.375	2.91	1.25	J
PE284TC-25-2	25	3600	284TC	26.60	7.00	5.50	9.5	0.0	14.5	14.0	9.00	NA	1.875	1.591	0.500	3.28	1.50	J
PE284TSC-25-2	25	3600	284TSC	25.20	7.00	5.50	9.5	0.0	14.5	14.0	9.00	NA	1.625	1.416	0.375	1.91	1.50	J
PE284TC-25-4	25	1800	284TC	26.60	7.00	5.50	9.5	0.0	14.5	14.0	9.00	NA	1.875	1.591	0.500	3.28	1.50	J
PE284TSC-25-4	25	1800	284TSC	25.20	7.00	5.50	9.5	0.0	14.5	14.0	9.00	NA	1.625	1.416	0.375	1.91	1.50	J
PE286TC-30-2	30	3600	286TC	28.10	7.00	5.50	9.5	11.0	14.5	14.0	9.00	NA	1.875	1.591	0.500	3.28	1.50	J
PE286TSC-30-2	30	3600	286TSC	26.70	7.00	5.50	9.5	11.0	14.5	14.0	9.00	NA	1.625	1.416	0.375	1.91	1.50	J
PE286TC-30-4	30	1800	286TC	28.10	7.00	5.50	9.5	11.0	14.5	14.0	9.00	NA	1.875	1.591	0.500	3.28	1.50	J
PE286TSC-30-4	30	1800	286TSC	26.70	7.00	5.50	9.5	11.0	14.5	14.0	9.00	NA	1.625	1.416	0.375	1.91	1.50	J
PE286TSC-40-2	40	3600	286TSC	26.70	7.00	5.50	9.5	11.0	14.5	14.0	9.00	NA	1.625	1.416	0.375	1.91	1.50	J
PE324TC-40-2	40	3600	324TC	29.80	8.00	6.25	10.5	0.0	15.9	15.7	11.00	NA	2.125	1.845	0.500	3.91	2.00	J
PE324TSC-40-2	40	3600	324TSC	28.30	8.00	6.25	10.5	0.0	15.9	15.7	11.00	NA	1.875	1.591	0.500	2.03	2.00	J
PE324TC-40-4	40	1800	324TC	29.80	8.00	6.25	10.5	0.0	15.9	15.7	11.00	NA	2.125	1.845	0.500	3.91	2.00	J
PE324TSC-40-4	40	1800	324TSC	28.30	8.00	6.25	10.5	0.0	15.9	15.7	11.00	NA	1.875	1.591	0.500	2.03	2.00	J
PE326TC-50-2	50	3600	326TC	31.30	8.00	6.25	10.5	12.0	15.9	15.7	11.00	NA	2.125	1.845	0.500	3.91	2.00	J
PE326TSC-50-2	50	3600	326TSC	29.80	8.00	6.25	10.5	12.0	15.9	15.7	11.00	NA	1.875	1.591	0.500	2.03	2.00	J
PE326TC-50-4	50	1800	326TC	31.30	8.00	6.25	10.5	12.0	15.9	15.7	11.00	NA	2.125	1.845	0.500	3.91	2.00	J
PE326TSC-50-4	50	1800	326TSC	29.80	8.00	6.25	10.5	12.0	15.9	15.7	11.00	NA	1.875	1.591	0.500	2.03	2.00	J
PE364TC-60-2	60	3600	364TC	33.50	9.00	7.00	11.3	12.3	18.1	17.6	11.00	NA	2.375	2.021	0.625	4.28	3.00	J
PE364TSC-60-2	60	3600	364TSC	31.40	9.00	7.00	11.3	12.3	18.1	17.6	11.00	NA	1.875	1.591	0.500	2.03	3.00	J
PE364TC-60-4	60	1800	364TC	32.50	9.00	7.00	11.3	0.0	18.5	18.4	11.00	NA	2.375	2.021	0.625	4.28	3.00	J
PE364TSC-60-4	60	1800	364TSC	30.40	9.00	7.00	11.3	0.0	18.5	18.4	11.00	NA	1.875	1.591	0.500	2.03	3.00	J
PE365TC-75-2	75	3600	365TC	33.50	9.00	7.00	11.3	12.3	18.1	17.6	11.00	NA	2.375	2.021	0.625	4.28	3.00	J
PE365TSC-75-2	75	3600	365TSC	31.40	9.00	7.00	11.3	12.3	18.1	17.6	11.00	NA	1.875	1.591	0.500	2.03	3.00	J
PE365TC-75-4	75	1800	365TC	33.50	9.00	7.00	11.3	12.3	18.5	18.4	11.00	NA	2.375	2.021	0.625	4.28	3.00	J
PE365TSC-75-4	75	1800	365TSC	31.40	9.00	7.00	11.3	12.3	18.5	18.4	11.00	NA	1.875	1.591	0.500	2.03	3.00	J
PE405TC-100-2	100	3600	405TC	38.00	10.00	8.00	12.3	13.8	19.8	19.1	11.00	NA	2.875	2.450	0.750	5.65	3.00	J
PE405TSC-100-2	100	3600	405TSC	35.00	10.00	8.00	12.3	13.8	19.8	19.1	11.00	NA	2.125	1.845	0.500	2.78	3.00	J
PE405TC-100-4	100	1800	405TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	11.00	NA	2.875	2.450	0.750	5.65	3.00	J
PE405TSC-100-4	100	1800	405TSC	35.00	10.00	8.00	12.3	13.8	21.1	21.6	11.00	NA	2.125	1.845	0.500	2.78	3.00	J

Dimensions—General Purpose

1 HP—300 HP
**GENERAL PURPOSE
C-FLANGE W/ FEET
CAST IRON**

143TC—449TC FRAME
THREE-PHASE
TEFC

GENERAL
PURPOSE

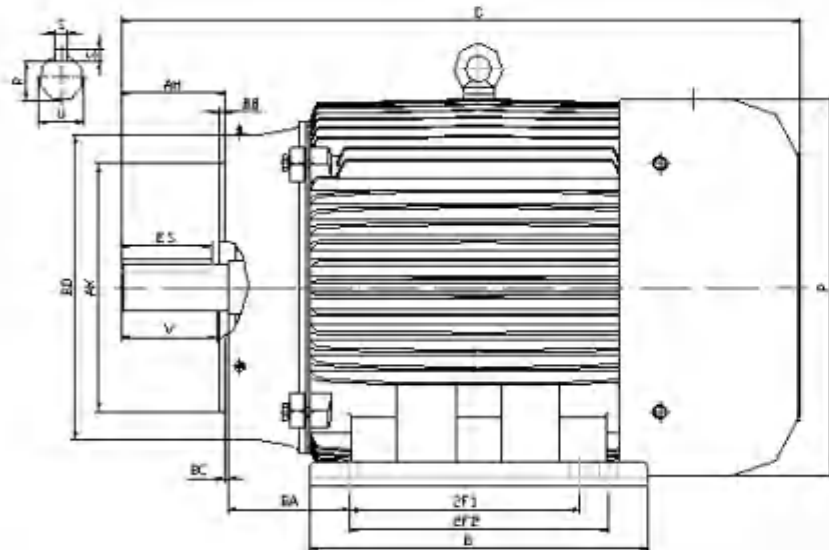
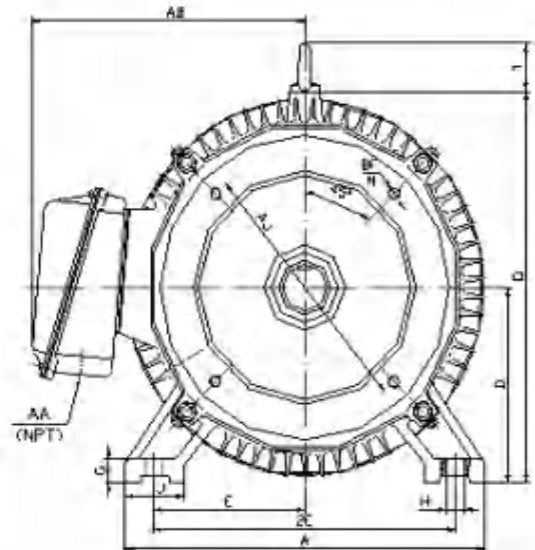


Diagram J



Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		AJ	N-W	U	R	S		
PE444TSC-125-2	125	3600	444TSC	40.60	11.00	9.00	14.5	16.5	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE444TC-125-4	125	1800	444TC	44.30	11.00	9.00	14.5	16.5	22.1	21.6	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE444TSC-125-4	125	1800	444TSC	40.60	11.00	9.00	14.5	16.5	22.1	21.6	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE444TC-125-4-IN	125	1800	444TC	44.30	11.00	9.00	14.5	16.5	22.1	21.6	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE445TSC-150-2	150	3600	445TSC	40.60	11.00	9.00	14.5	16.5	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE445TC-150-4	150	1800	445TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE445TSC-150-4	150	1800	445TSC	40.60	11.00	9.00	14.5	16.5	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE445TC-150-4-IN	150	1800	445TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE447TSC-200-2	200	3600	447TSC	44.10	11.00	9.00	16.5	20.0	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE447TC-200-4	200	1800	447TC	47.80	11.00	9.00	16.5	20.0	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE447TSC-200-4	200	1800	447TSC	44.10	11.00	9.00	16.5	20.0	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE447TC-200-4-IN	200	1800	447TC	47.80	11.00	9.00	16.5	20.0	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE449TSC-250-2	250	3600	449TSC	49.10	11.00	9.00	20.0	25.0	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE449TC-250-4	250	1800	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE449TSC-250-4-IN	250	1800	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE449TSC-300-2	300	3600	449TSC	49.10	11.00	9.00	20.0	25.0	23.0	23.4	14.00	NA	2.375	2.021	0.625	3.03	3.00	J
PE449TC-300-4	300	1800	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J
PE449TSC-300-4-IN	300	1800	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	NA	3.375	2.880	0.875	6.91	3.00	J

Dimensions—Round Body

1 HP—30 HP GENERAL PURPOSE C-FLANGE W/ROUND BODY CAST IRON

143TC—286TC FRAME
THREE-PHASE
TEFC

GENERAL
PURPOSE

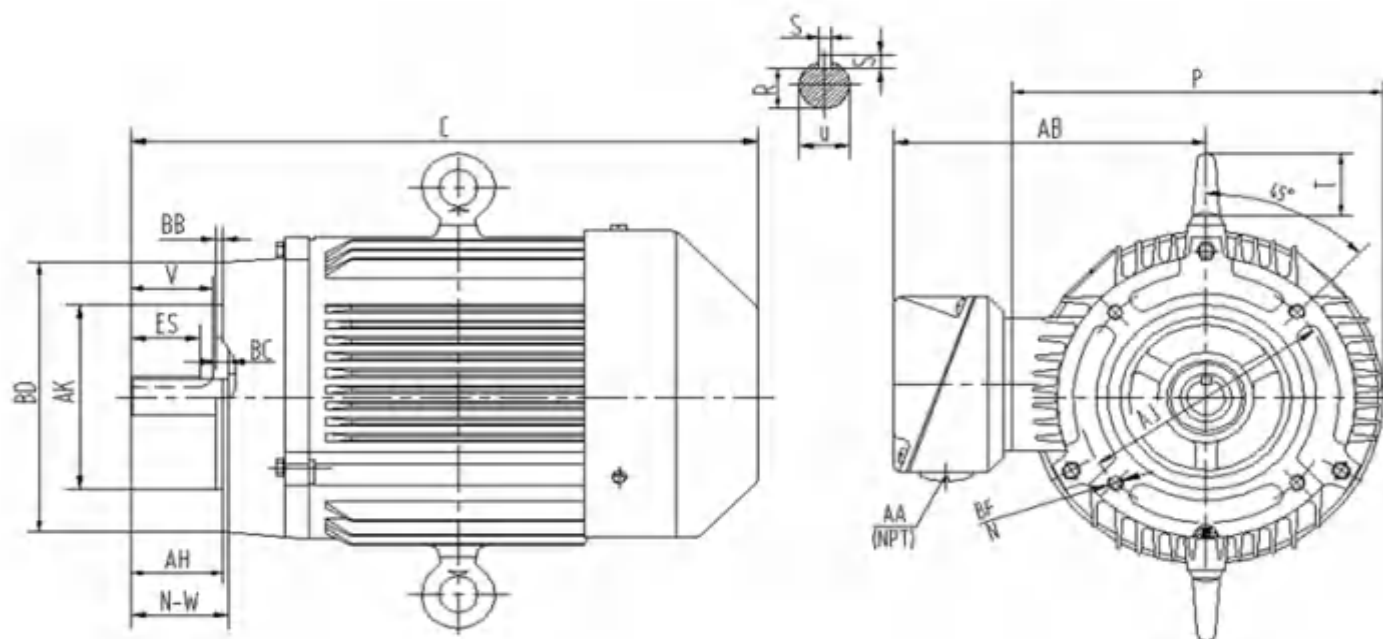


Diagram K

Model Number	HP	RPM	Frame	Motor Dimensions					Flange	Shaft		Keyway			AA	Diagram
				C	D	E	O	P	AJ	N-W	U	R	S	ES		
PE143TC-1-4-RB-AI	1	1800	143TC	14.20	NA	NA	NA	8.2	5.88	2.25	0.875	0.771	0.189	1.42	0.75	K
PE145TC-1.5-4-RB-AI	1.5	1800	145TC	14.20	NA	NA	NA	8.2	5.88	2.25	0.875	0.771	0.189	1.42	0.75	K
PE145TC-2-4-RB-AI	2	1800	145TC	14.20	NA	NA	NA	8.2	5.88	2.25	0.875	0.771	0.189	1.42	0.75	K
PE182TC-3-4-RB-AI	3	1800	182TC	16.80	NA	NA	NA	10.4	7.25	2.75	1.125	0.986	0.250	1.78	1.00	K
PE184TC-5-4-RB-AI	5	1800	184TC	16.80	NA	NA	NA	10.4	7.25	2.75	1.125	0.986	0.250	1.78	1.00	K
PE213TC-7.5-4-RB-AI	7.5	1800	213TC	20.70	NA	NA	NA	11.7	7.25	3.38	1.375	1.201	0.312	2.41	1.00	K
PE215TC-10-4-RB-AI	10	1800	215TC	20.70	NA	NA	NA	11.7	7.25	3.38	1.375	1.201	0.312	2.41	1.00	K
PE254TC-15-4-RB-AI	15	1800	254TC	25.70	NA	NA	NA	14.0	7.25	4.00	1.625	1.416	0.375	2.91	1.25	K
PE256TC-20-4-RB-AI	20	1800	256TC	25.70	NA	NA	NA	14.0	7.25	4.00	1.625	1.416	0.375	2.91	1.25	K
PE284TC-25-4-RB-AI	25	1800	284TC	28.80	NA	NA	NA	15.7	9.00	4.62	1.875	1.591	0.500	3.28	1.50	K
PE286TC-30-4-RB-AI	30	1800	286TC	28.80	NA	NA	NA	15.7	9.00	4.62	1.875	1.591	0.500	3.28	1.50	K

Dimensions—ODP

1 HP—300 HP
GENERAL PURPOSE
OPEN DRIP PROOF (ODP)
 ROLLED STEEL 1 HP—20 HP
 CAST IRON 15 HP—300 HP

143T—449T FRAME
 THREE-PHASE

GENERAL
 PURPOSE

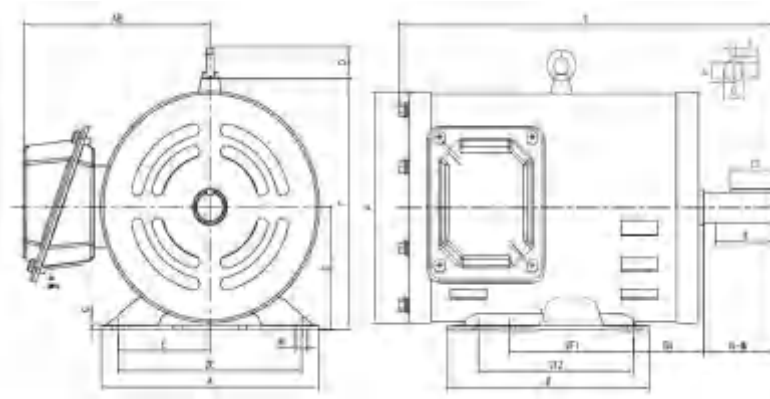


Diagram L

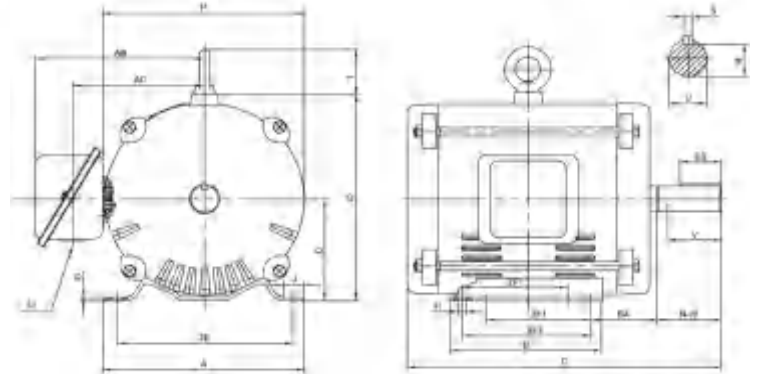


Diagram M

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		N-W	U	R	S	ES		
PE143T-1-4-ODP	1	1800	143T	11.22	3.50	2.75	4.0	5.0	6.8	6.5	0	0.88	0.771	0.188	1.410	2.25	0.86	L
PE143T-1.5-2-ODP	1.5	3600	143T	11.22	3.50	2.75	4.0	5.0	6.8	6.5	0	0.88	0.771	0.188	1.410	2.25	0.86	L
PE145T-1.5-4-ODP	1.5	1800	145T	12.00	3.50	2.75	4.0	5.0	6.8	6.5	0	0.88	0.771	0.188	1.410	2.25	0.86	L
PE145T-2-2-ODP	2	3600	145T	12.00	3.50	2.75	4.0	5.0	6.8	6.5	0	0.88	0.771	0.188	1.410	2.25	0.86	L
PE145T-2-4-ODP	2	1800	145T	12.00	3.50	2.75	4.0	5.0	6.8	6.5	0	0.88	0.771	0.188	1.410	2.25	0.86	L
PE145T-3-2-ODP	3	3600	145T	12.00	3.50	2.75	4.0	5.0	6.8	6.5	0	0.88	0.771	0.188	1.410	2.25	0.86	L
PE182T-3-4-ODP	3	1800	182T	14.10	4.50	3.75	4.5	5.5	9.5	8.6	0	1.13	0.986	0.250	1.780	2.75	0.86	L
PE182T-5-2-ODP	5	3600	182T	14.10	4.50	3.75	4.5	5.5	9.5	8.6	0	1.13	0.986	0.250	1.780	2.75	0.86	L
PE184T-5-4-ODP	5	1800	184T	14.90	4.50	3.75	4.5	5.5	9.5	8.6	0	1.13	0.986	0.250	1.780	2.75	0.86	L
PE184T-7.5-2-ODP	7.5	3600	184T	14.90	4.50	3.75	4.5	5.5	9.5	8.6	0	1.13	0.986	0.250	1.780	2.75	0.86	L
PE213T-7.5-4-ODP	7.5	1800	213T	16.54	5.25	4.25	5.5	7.0	11.2	10.1	0	1.38	1.201	0.312	2.410	3.38	0.86	L
PE213T-10-2-ODP	10	3600	213T	16.54	5.25	4.25	5.5	7.0	11.2	10.1	0	1.38	1.201	0.312	2.410	3.38	0.86	L
PE215T-10-4-ODP	10	1800	215T	17.52	5.25	4.25	5.5	7.0	11.2	10.1	0	1.38	1.201	0.312	2.410	3.38	0.86	L
PE215T-15-2-ODP	15	3600	215T	17.52	5.25	4.25	5.5	7.0	11.2	10.1	0	1.38	1.201	0.312	2.410	3.38	0.86	L
PE254T-15-4-ODP	15	1800	254T	22.15	6.25	5.00	8.3	10.0	13.0	12.9	0	1.63	1.416	0.375	2.910	4.00	1.25	L
PR254T-15MA-ODP	15	1800	254T	20.67	6.25	5.00	8.3	10.0	12.0	11.4	0	1.63	1.416	0.375	2.910	4.00	1.38	M
PE254T-20-2-ODP	20	3600	254T	22.15	6.25	5.00	8.3	10.0	13.0	12.9	0	1.63	1.416	0.375	2.910	4.00	1.25	L
PE256T-20-4-ODP	20	1800	256T	22.15	6.25	5.00	8.3	10.0	13.0	12.9	0	1.63	1.416	0.375	2.910	4.00	1.25	L
PR256T-20MA-ODP	20	1800	256T	20.67	6.25	5.00	8.3	10.0	12.0	11.4	0	1.63	1.416	0.375	2.910	4.00	1.38	M
PE256T-25-2-ODP	25	3600	256T	22.15	6.25	5.00	8.3	10.0	13.0	12.9	0	1.63	1.416	0.375	2.910	4.00	1.25	L
PE284T-25-4-ODP	25	1800	284T	24.80	7.00	5.50	9.5	11.0	14.3	14.0	0	1.88	1.591	0.500	3.280	4.62	1.50	L
PE284TS-30-2-ODP	30	3600	284TS	23.43	7.00	5.50	9.5	11.0	14.3	14.0	0	1.63	1.416	0.375	1.910	3.25	1.50	L
PE286T-30-4-ODP	30	1800	286T	24.80	7.00	5.50	9.5	11.0	14.3	14.0	0	1.88	1.591	0.500	3.280	4.62	1.50	L
PE286TS-40-2-ODP	40	3600	286TS	23.43	7.00	5.50	9.5	11.0	14.3	14.0	0	1.63	1.416	0.375	1.910	3.25	1.50	L
PE324T-40-4-ODP	40	1800	324T	27.10	8.00	6.25	10.5	12.0	16.1	15.4	0	2.13	1.845	0.500	3.910	5.25	2.00	L
PE324TS-40-4-ODP	40	1800	324TS	25.60	8.00	6.25	10.5	12.0	16.1	15.4	0	1.88	1.591	0.500	2.030	3.75	2.00	L
PE324TS-50-2-ODP	50	3600	324TS	25.60	8.00	6.25	10.5	12.0	16.1	15.4	0	1.88	1.591	0.500	2.030	3.75	2.00	L
PE326T-50-4-ODP	50	1800	326T	27.10	8.00	6.25	10.5	12.0	16.1	15.4	0	2.13	1.845	0.500	3.910	5.25	2.00	L
PE326TS-50-4-ODP	50	1800	326TS	25.60	8.00	6.25	10.5	12.0	16.1	15.4	0	1.88	1.591	0.500	2.030	3.75	2.00	L
PE326TS-60-2-ODP	60	3600	326TS	25.60	8.00	6.25	10.5	12.0	16.1	15.4	0	1.88	1.591	0.500	2.030	3.75	2.00	L
PE364T-60-4-ODP	60	1800	364T	29.30	9.00	7.00	11.3	12.3	18.1	17.2	0	2.38	2.021	0.625	4.280	5.88	3.00	L
PE364TS-60-4-ODP	60	1800	364TS	27.17	9.00	7.00	11.3	12.3	18.1	17.2	0	1.88	1.591	0.500	2.030	3.75	3.00	L
PE364TS-75-2-ODP	75	3600	364TS	27.17	9.00	7.00	11.3	12.3	18.1	17.2	0	1.88	1.591	0.500	2.030	3.75	3.00	L
PE365T-75-4-ODP	75	1800	365T	29.30	9.00	7.00	11.3	12.3	18.1	17.2	0	2.38	2.021	0.625	4.280	5.88	3.00	L
PE365TS-75-4-ODP	75	1800	365TS	27.17	9.00	7.00	11.3	12.3	18.1	17.2	0	1.88	1.591	0.500	2.030	3.75	3.00	L
PE365TS-100-2-ODP	100	3600	365TS	27.17	9.00	7.00	11.3	12.3	18.1	17.2	0	1.88	1.591	0.500	2.030	3.75	3.00	L
PE404T-100-4-ODP	100	1800	404T	33.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.88	2.450	0.750	5.650	7.25	3.00	L
PE404TS-100-4-ODP	100	1800	404TS	30.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.13	1.845	0.500	2.780	4.25	3.00	L
PE404T-100-4-BB-ODP	100	1800	404T	33.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.88	2.450	0.750	5.650	7.25	3.00	L
PE404TS-125-2-ODP	125	3600	404TS	30.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.13	1.845	0.500	2.780	4.25	3.00	L
PE405T-125-4-ODP	125	1800	405T	33.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.88	2.450	0.750	5.650	7.25	3.00	L
PE405T-125-4-BB-ODP	125	1800	405T	33.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.88	2.450	0.750	5.650	7.25	3.00	L
PE405TS-125-4-ODP	125	1800	405TS	30.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.13	1.845	0.500	2.780	4.25	3.00	L
PE405TS-150-2-ODP	150	3600	405TS	30.30	10.00	8.00	12.3	13.8	21.0	20.3	0	2.13	1.845	0.500	2.780	4.25	3.00	L
PE444T-150-4-ODP	150	1800	444T	39.50	11.00	9.00	14.5	16.5	22.6	23.3	0	3.38	2.880	0.875	6.910	8.50	3.00	L
PE444T-150-4-BB-ODP	150	1800	444T	39.50	11.00	9.00	14.5	16.5	22.6	23.3	0	3.38	2.880	0.875	6.910	8.50	3.00	L
PE444TS-150-4-ODP	150	1800	444TS	34.75	11.00	9.00	14.5	16.5	22.6	23.3	0	2.38	2.021	0.625	3.030	4.75	3.00	L
PE444TS-200-2-ODP	200	3600	444TS	34.75	11.00	9.00	14.5	16.5	22.6	23.3	0	2.38	2.021	0.625	3.030	4.75	3.00	L
PE445T-200-4-ODP	200	1800	445T	39.50	11.00	9.00	14.5	16.5	22.6	23.3	0	3.38	2.880	0.875	6.910	8.50	3.00	L
PE445T-200-4-BB-ODP	200	1800	445T	39.50	11.00	9.00	14.5	16.5	22.6	23.3	0	3.38	2.880	0.875	6.910	8.50	3.00	L
PE445TS-200-4-ODP	200	1800	445TS	34.75	11.00	9.00	14.5	16.5	22.6	23.3	0	2.38	2.021	0.625	3.030	4.75	3.00	L
PE445TS-250-2-ODP	250	3600	445TS	34.75	11.00	9.00	14.5	16.5	22.6	23.3	0	2.38	2.021	0.625	3.030	4.75	3.00	L
PE447T-250-4-ODP	250	1800	447T	43.00	11.00	9.00	NA	20.0	22.6	23.3	0	3.38	2.880	0.875	6.910	8.50	3.00	L
PE447TS-300-2-ODP	300	3600	447TS	38.25	11.00	9.00	NA	20.0	22.6	23.3	0	2.38	2.021	0.625	3.030	4.75	3.00	L
PE449T-300-4-ODP	300	1800	449T	48.00	11.00	9.00	NA	25.0	22.6	23.3	0	3.38	2.880	0.875	6.910	8.50	3.00	L

Dimensions—Crusher Duty

1 HP—600 HP
CRUSHER DUTY
DESIGN C
CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

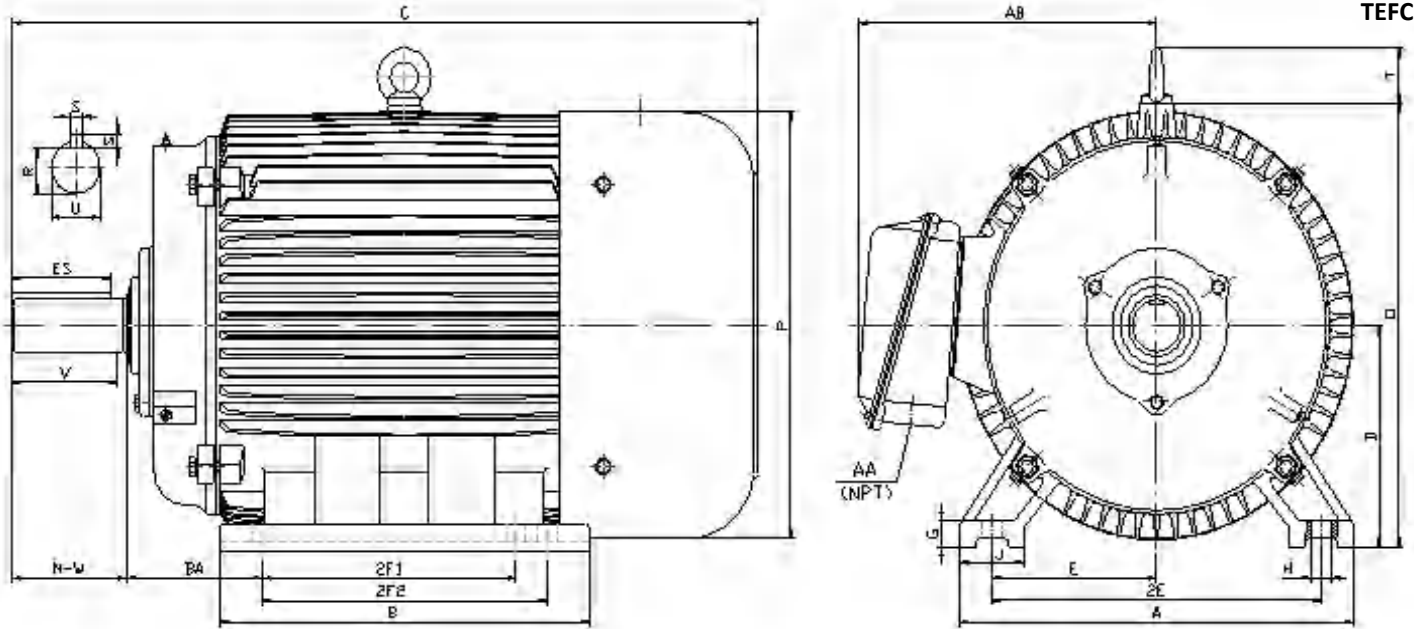


Diagram N

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		N-W	U	R	S	ES		
PE143T-1-4C	1	1800	143T	13.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	N
PE145T-1-6C	1	1200	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	N
PE182T-1-8C	1	900	182T	15.10	4.50	3.75	4.5	0.0	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	N
PE145T-1.5-4C	1.5	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	N
PE182T-1.5-6C	1.5	1200	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	N
PE184T-1.5-8C	1.5	900	184T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	N
PE145T-2-4C	2	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	N
PE184T-2-6C	2	1200	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	N
PE213T-2-8C	2	900	213T	18.90	5.25	4.25	5.5	0.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	N
PE182T-3-4C	3	1800	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	N
PE213T-3-6C	3	1200	213T	18.90	5.25	4.25	5.5	0.0	11.2	11.6	0.00	3.38	1.375	1.201	0.312	2.41	1.00	N
PE215T-3-8C	3	900	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	N
PE184T-5-4C	5	1800	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	N
PE215T-5-6C	5	1200	215T	20.40	5.25	4.25	5.5	7.0	11.2	11.6	0.00	3.38	1.375	1.201	0.312	2.41	1.00	N
PE254T-5-8C	5	900	254T	23.20	6.25	5.00	8.3	0.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	N
PE213T-7.5-4C	7.5	1800	213T	18.90	5.25	4.25	5.5	0.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	N
PE254T-7.5-6C	7.5	1200	254T	23.20	6.25	5.00	8.3	0.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	N
PE256T-7.5-8C	7.5	900	256T	25.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	N
PE215T-10-4C	10	1800	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	N
PE256T-10-6C	10	1200	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	N
PE284T-10-8C	10	900	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE284T-15-4C	15	1800	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE284T-15-6C	15	1200	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE286T-15-8C	15	900	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE256T-20-4C	20	1800	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	0.00	4.00	1.625	1.416	0.375	2.91	1.25	N
PE286T-20-6C	20	1200	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE324T-20-8C	20	900	324T	29.80	8.00	6.25	10.5	0.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	N
PE284T-25-4C	25	1800	284T	26.60	7.00	5.50	9.5	0.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE324T-25-6C	25	1200	324T	29.80	8.00	6.25	10.5	0.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	N
PE326T-25-8C	25	900	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	N
PE286T-30-4C	30	1800	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	N
PE326T-30-6C	30	1200	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	N
PE364T-30-8C	30	900	364T	32.50	9.00	7.00	11.3	0.0	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	N
PE324T-40-4C	40	1800	324T	29.80	8.00	6.25	10.5	0.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	N
PE364T-40-6C	40	1200	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	N
PE365T-40-8C	40	900	365T	33.50	9.00	7.00	11.3	12.3	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	N
PE326T-50-4C	50	1800	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	N
PE365T-50-6C	50	1200	365T	33.50	9.00	7.00	11.3	12.3	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	N
PE404T-50-8C	50	900	404T	36.50	10.00	8.00	12.3	0.0	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	N
PE364T-60-4C	60	1800	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	N
PE404T-60-6C	60	1200	404T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	N
PE405T-60-8C	60	900	405T	38.00	10.00	8.00	12.3	13.8	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	N
PE365T-75-4C	75	1800	365T	33.50	9.00	7.00	11.3	12.3	18.5	18.4	0.00	5.88	2.375	2.021	0.625	4.28	3.00	N
PE405T-75-6C	75	1200	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	N
PE444T-75-8C	75	900	444T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE405T-100-4C	100	1800	405T	40.00	10.00	8.00	12.3	13.8	21.1	21.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	N
PE444T-100-6C	100	1200	444T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE445T-100-8C	100	900	445T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE444T-125-4C	125	1800	444T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE445T-125-6C	125	1200	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE447T-125-8C	125	900	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N

Dimensions—Crusher Duty

1 HP—600 HP
CRUSHER DUTY
DESIGN C
CAST IRON

143T—586/7UZ FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

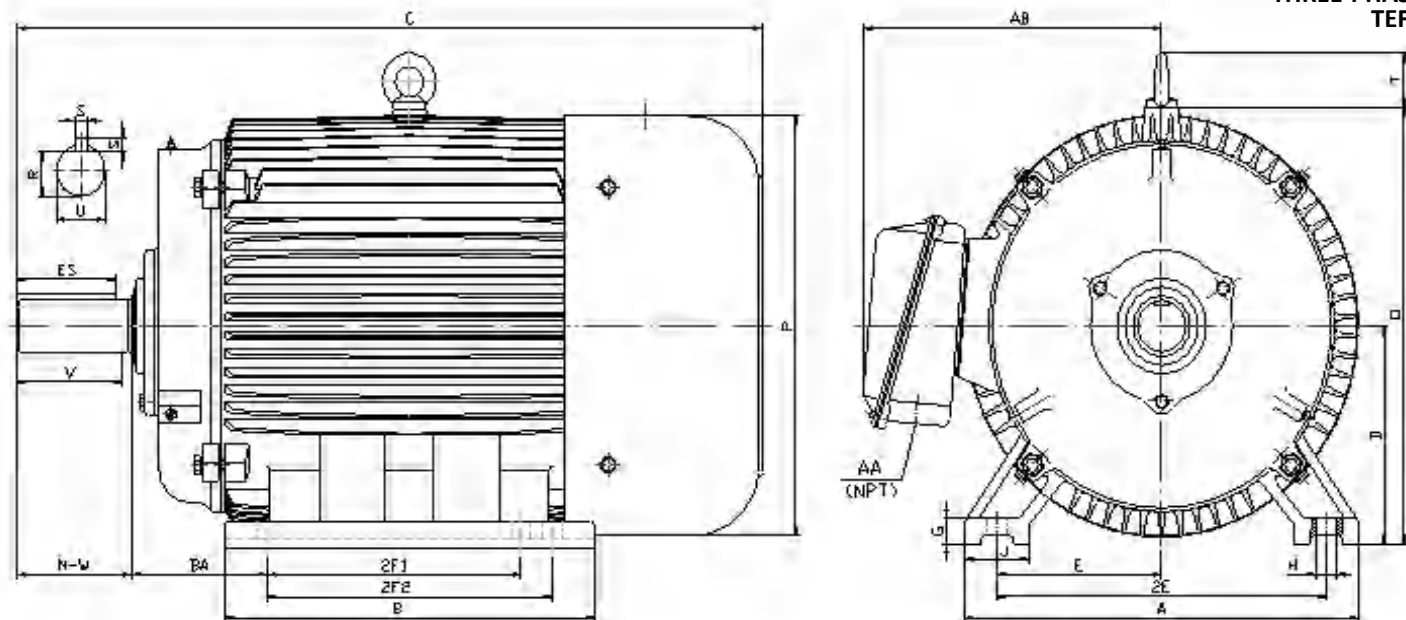


Diagram N

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		AJ	N-W	U	R	S		
PE445T-150-4C	150	1800	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE447T-150-6C	150	1200	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE449T-150-8C	150	900	449T	52.80	11.00	9.00	20.0	25.0	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE447T-200-4C	200	1800	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE449T-200-6C	200	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE449T-250-4C	250	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE505UZ-250-4C	250	1800	505UZ	62.40	12.50	10.00	16.0	18.0	25.4	24.3	0.00	11.63	3.875	3.309	1.000	10.00	3.00	N
PE449T-250-6C	250	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE505UZ-250-6C	250	1200	505UZ	62.40	12.50	10.00	16.0	18.0	25.4	24.3	0.00	11.63	3.875	3.309	1.000	10.00	3.00	N
PE449T-300-4C	300	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE505UZ-300-4C	300	1800	505UZ	62.40	12.50	10.00	16.0	18.0	25.4	24.3	0.00	11.63	3.875	3.309	1.000	10.00	3.00	N
PE587UZ-300-4C	300	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE449T-300-6C	300	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	N
PE505UZ-300-6C	300	1200	505UZ	62.40	12.50	10.00	16.0	18.0	25.4	24.3	0.00	11.63	3.875	3.309	1.000	10.00	3.00	N
PE587UZ-300-6C	300	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE505UZ-350-4C	350	1800	505UZ	62.40	12.50	10.00	16.0	18.0	25.4	24.3	0.00	11.63	3.875	3.309	1.000	10.00	3.00	N
PE587UZ-350-4C	350	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE505UZ-350-6C	250	1800	505UZ	62.40	12.50	10.00	16.0	18.0	25.4	24.3	0.00	11.63	3.875	3.309	1.000	10.00	3.00	N
PE587UZ-350-6C	350	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-400-4C	400	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-400-6C	400	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-450-4C	450	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-450-6C	450	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-500-4C	450	1200	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-500-6C	500	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N
PE587UZ-600-4C	600	1800	587UZ	71.65	14.50	11.50	22.0	25.0	41.4	33.1	0.00	11.63	4.375	3.817	1.000	10.00	2 X 3"	N

Dimensions—Crusher Duty

1 HP—300 HP CRUSHER DUTY DESIGN C C-FLANGE W/ FEET CAST IRON

143TC—449TC FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

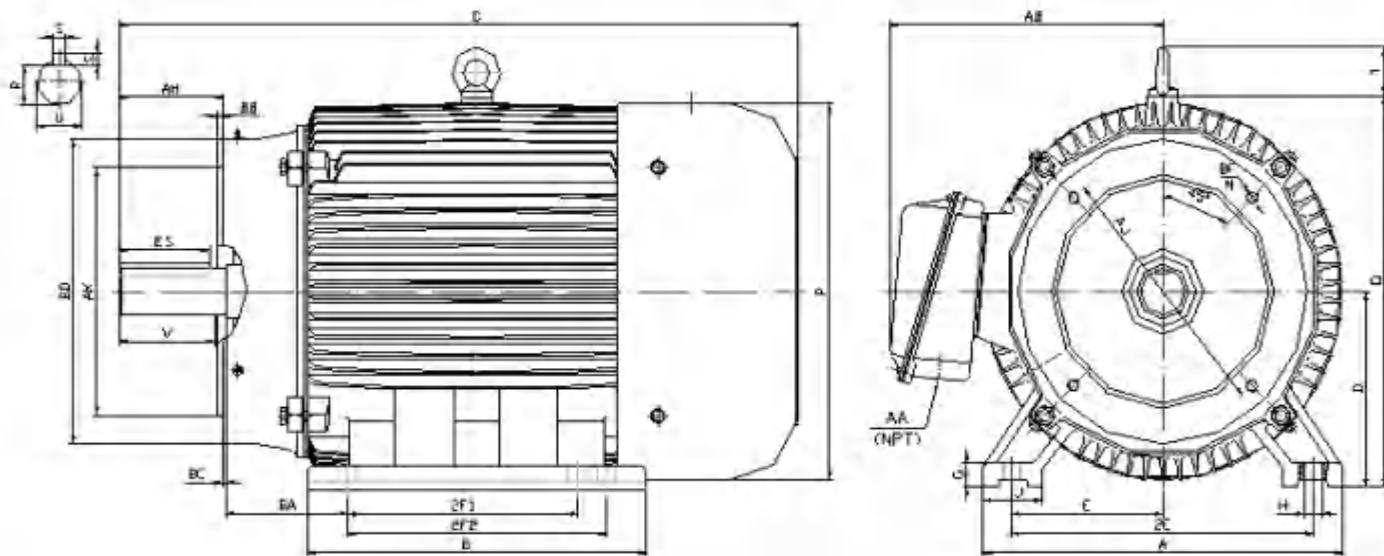


Diagram N-2

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES		
PE143TC-1-4C	1	1800	143TC	12.60	3.50	2.75	4.0	0.0	7.1	7.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	N-2
PE145TC-1-6C	1	1200	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	N-2
PE145TC-1.5-4C	1.5	1800	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	N-2
PE182TC-1.5-6C	1.5	1200	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	2.75	1.125	0.986	0.250	1.78	0.75	N-2
PE145TC-2-4C	2	1800	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	N-2
PE184TC-2-6C	2	1200	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	2.75	1.125	0.986	0.250	1.78	0.75	N-2
PE182TC-3-4C	3	1800	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	2.75	1.125	0.986	0.250	1.78	0.75	N-2
PE213TC-3-6C	3	1200	213TC	18.90	5.25	4.25	5.5	0.0	11.2	11.6	7.25	3.38	1.375	1.201	0.312	2.41	1.00	N-2
PE184TC-5-4C	5	1800	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	7.25	2.75	1.125	0.986	0.250	1.78	0.75	N-2
PE215TC-5-6C	5	1200	215TC	20.40	5.25	4.25	5.5	7.0	11.2	11.6	7.25	3.38	1.375	1.201	0.312	2.41	1.00	N-2
PE213TC-7.5-4C	7.5	1800	213TC	18.90	5.25	4.25	5.5	0.0	11.2	11.6	7.25	3.38	1.375	1.201	0.312	2.41	1.00	N-2
PE254TC-7.5-6C	7.5	1200	254TC	23.20	6.25	5.00	8.3	0.0	13.0	12.4	7.25	4.00	1.625	1.416	0.375	2.91	1.25	N-2
PE215TC-10-4C	10	1770	215TC	20.40	5.25	4.25	5.5	7.0	11.2	11.6	7.25	3.38	1.375	1.201	0.312	2.41	1.00	N-2
PE256TC-10-6C	10	1200	256TC	25.00	6.25	5.00	8.3	10.0	13.0	12.4	7.25	4.00	1.625	1.416	0.375	2.91	1.25	N-2
PE254TC-15-4C	15	1800	254TC	23.20	6.25	5.00	8.3	0.0	13.0	12.4	7.25	4.00	1.625	1.416	0.375	2.91	1.25	N-2
PE284TC-15-6C	15	1200	284TC	26.60	7.00	5.50	9.5	0.0	14.5	14.0	9.00	4.62	1.875	1.591	0.500	3.28	1.50	N-2
PE256TC-20-4C	20	1800	256TC	25.00	6.25	5.00	8.3	10.0	13.0	12.4	7.25	4.00	1.625	1.416	0.375	2.91	1.25	N-2
PE286TC-20-6C	20	1200	286TC	28.10	7.00	5.50	9.5	11.0	14.5	14.0	9.00	4.62	1.875	1.591	0.500	3.28	1.50	N-2
PE284TC-25-4C	25	1800	284TC	26.60	7.00	5.50	9.5	0.0	14.5	14.0	9.00	4.62	1.875	1.591	0.500	3.28	1.50	N-2
PE324TC-25-6C	25	1200	324TC	29.80	8.00	6.25	10.5	0.0	15.9	15.7	11.00	5.25	2.125	1.845	0.500	3.91	2.00	N-2
PE286TC-30-4C	30	1800	286TC	28.10	7.00	5.50	9.5	11.0	14.5	14.0	9.00	4.62	1.875	1.591	0.500	3.28	1.50	N-2
PE326TC-30-6C	30	1200	326TC	31.30	8.00	6.25	10.5	12.0	15.9	15.7	11.00	5.25	2.125	1.845	0.500	3.91	2.00	N-2

Dimensions—Crusher Duty

1 HP—300 HP CRUSHER DUTY DESIGN C C-FLANGE W/ FEET CAST IRON

143TC—449TC FRAME
THREE-PHASE
TEFC

CRUSHER
DESIGN C

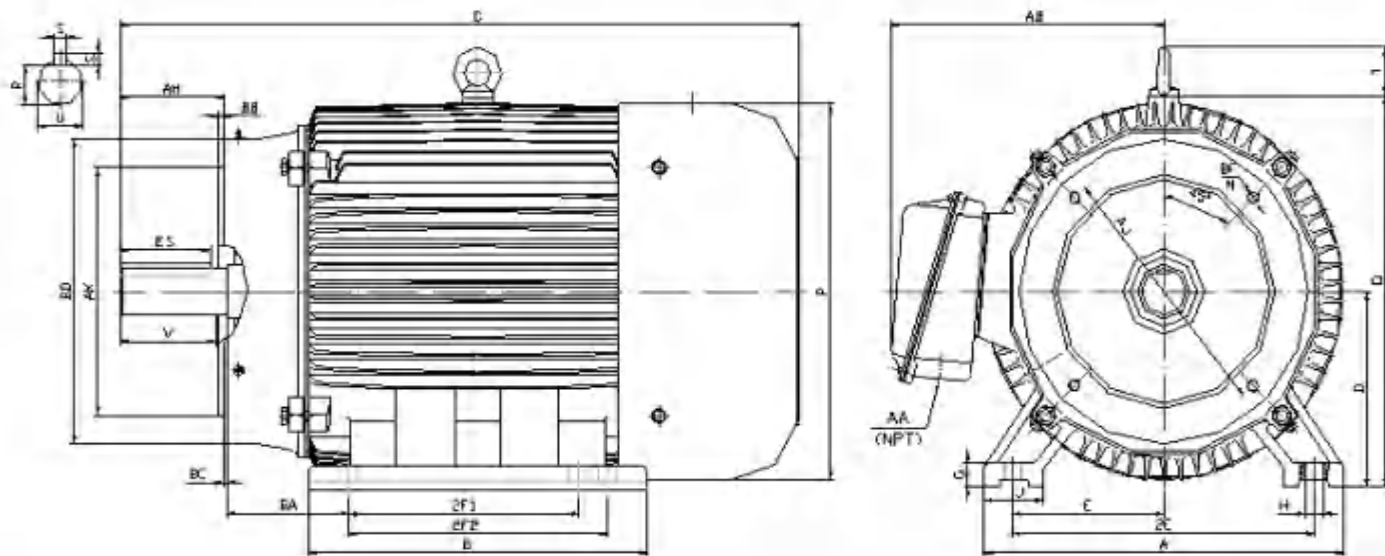


Diagram N-2

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES		
PE324TC-40-4C	40	1800	324TC	29.80	8.00	6.25	10.5	0.0	15.9	15.7	11.00	5.25	2.125	1.845	0.500	3.91	2.00	N-2
PE364TC-40-6C	40	1200	364TC	32.50	9.00	7.00	11.3	0.0	18.5	18.4	11.00	5.88	2.375	2.021	0.625	4.28	3.00	N-2
PE326TC-50-4C	50	1800	326TC	31.30	8.00	6.25	10.5	12.0	15.9	15.7	11.00	5.25	2.125	1.845	0.500	3.91	2.00	N-2
PE365TC-50-6C	50	1200	365TC	33.50	9.00	7.00	11.3	12.3	18.5	18.4	11.00	5.88	2.375	2.021	0.625	4.28	3.00	N-2
PE364TC-60-4C	60	1800	364TC	32.50	9.00	7.00	11.3	0.0	18.5	18.4	11.00	5.88	2.375	2.021	0.625	4.28	3.00	N-2
PE404TC-60-6C	60	1200	404TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	11.00	7.25	2.875	2.450	0.750	5.65	3.00	N-2
PE365TC-75-4C	75	1800	365TC	33.50	9.00	7.00	11.3	12.3	18.5	18.4	11.00	5.88	2.375	2.021	0.625	4.28	3.00	N-2
PE405TC-75-6C	75	1200	405TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	11.00	7.25	2.875	2.450	0.750	5.65	3.00	N-2
PE405TC-100-4C	100	1800	405TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	11.00	7.25	2.875	2.450	0.750	5.65	3.00	N-2
PE444TC-100-6C	100	1200	444TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE444TC-125-4C	125	1800	444TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE445TC-125-6C	125	1200	445TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE445TC-150-4C	150	1800	445TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE447TC-150-6C	150	1200	447TC	47.80	11.00	9.00	16.5	20.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE447TC-200-4C	200	1800	447TC	47.80	11.00	9.00	16.5	20.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE449TC-200-6C	200	1200	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE449TC-250-4C	250	1800	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE449TC-250-6C	250	1200	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE449TC-300-4C	300	1800	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2
PE449TC-300-6C	300	1200	449TC	52.80	11.00	9.00	20.0	25.0	23.0	23.4	14.00	8.50	3.375	2.880	0.875	6.91	3.00	N-2

Dimensions—Stainless Steel

1/3 HP—20 HP WASHDOWN DUTY C-FLANGE W/ FEET STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC

STAINLESS
STEEL

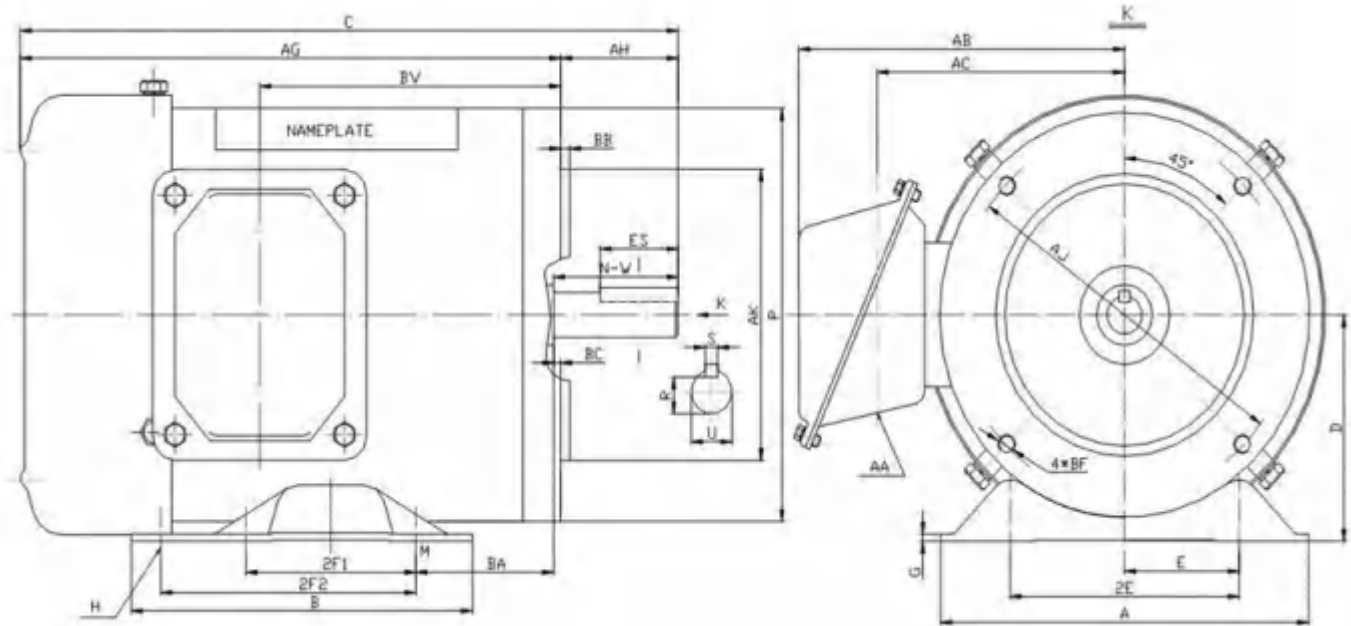


Diagram O

Model Number	HP	RPM	Frame	Motor Dimensions								Flange		Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES				
SS56C1/3M-2	1/3	3600	56C	11.59	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C1/3M-4	1/3	1800	56C	11.59	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C1/2M-2	1/2	3600	56C	11.59	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C1/2M-4	1/2	1800	56C	11.59	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C1/2M-6	1/2	1200	56C	11.59	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C3/4M-2	3/4	3600	56C	12.57	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C3/4M-4	3/4	1800	56C	12.57	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS56C3/4M-6	3/4	1200	56C	12.57	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
SS143TC3/4M-6	3/4	1200	143TC	13.81	3.50	2.75	4.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS56C1M-2	1	3600	56C	12.57	3.50	2.44	3.0	5.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
PESS56C1M-4	1	1800	56C	12.57	3.50	2.44	3.0	5.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
PESS143TC1M-4	1	1800	143TC	13.81	3.50	2.75	4.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS145TC1M-6	1	1200	145TC	16.63	3.50	2.75	3.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS56C1.5M-2	1.5	3600	56C	12.57	3.50	2.44	3.0	5.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
PESS143TC1.5M-2	1.5	3600	143TC	13.81	3.50	2.75	4.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS56C1.5M-4	1.5	1800	56C	12.57	3.50	2.44	3.0	0.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
PESS145TC1.5M-4	1.5	1800	145TC	16.63	3.50	2.75	3.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS182TC1.5M-6	1.5	1200	182TC	17.00	4.50	3.75	4.5	5.5	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O		
PESS56C2M-2	2	3600	56C	13.75	3.50	2.44	3.0	5.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
PESS145TC2M-2	2	3600	145TC	13.81	3.50	2.75	3.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS56C2M-4	2	1800	56C	13.75	3.50	2.44	3.0	5.0	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O		
PESS145TC2M-4	2	1800	145TC	13.81	3.50	2.75	3.0	5.0	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O		
PESS184TC2M-6	2	1200	184TC	17.00	4.50	3.75	4.5	5.5	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O		
PESS182TC3M-2	3	3600	182TC	17.00	4.50	3.75	4.5	5.5	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O		
PESS182TC3M-4	3	1800	182TC	17.00	4.50	3.75	4.5	5.5	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O		
PESS213TC3M-6	3	1200	213TC	20.70	5.25	4.25	5.5	7.0	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O		
PESS184TC5M-2	5	3600	184TC	17.00	4.50	3.75	4.5	5.5	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O		
PESS184TC5M-4	5	1800	184TC	17.00	4.50	3.75	4.5	5.5	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O		
PESS215TC5M-6	5	1200	215TC	21.50	5.25	4.25	5.5	7.0	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O		
PESS213TC7.5M-2	7.5	3600	213TC	20.70	5.25	4.25	5.5	7.0	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O		
PESS213TC7.5M-4	7.5	1800	213TC	20.70	5.25	4.25	5.5	7.0	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O		
PESS215TC10M-2	10	3600	215TC	20.70	5.25	4.25	5.5	7.0	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O		
PESS215TC10M-4	10	1800	215TC	21.50	5.25	4.25	5.5	7.0	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O		
PESS254TC15M-2	15	3600	254TC	23.20	6.25	5.00	8.3	0.0	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O		
PESS254TC15M-4	15	1800	254TC	23.20	6.25	5.00	8.3	0.0	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O		
PESS256TC20M-2	20	3600	256TC	24.80	6.25	5.00	0.0	10.0	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O		
PESS256TC20M-4	20	1800	256TC	24.80	6.25	5.00	0.0	10.0	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O		

Dimensions—Stainless Steel

1/3 HP—20 HP WASHDOWN DUTY ROUND BODY/C-FLANGE STAINLESS STEEL

56C—256TC FRAME
THREE-PHASE
TEFC

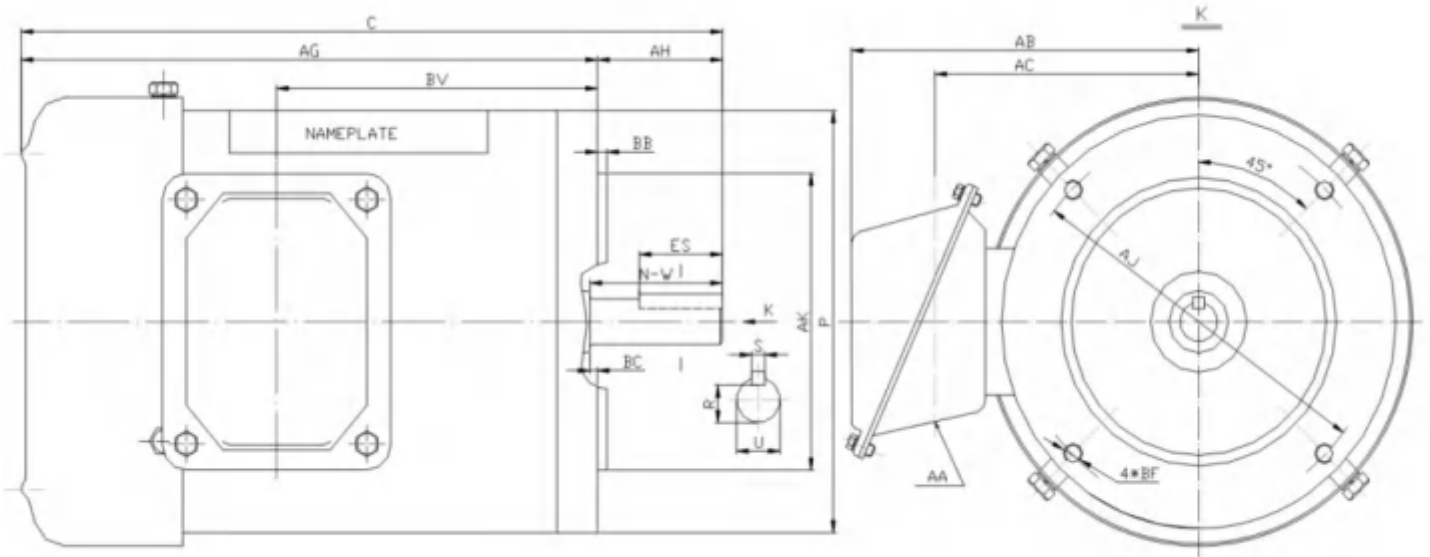


Diagram O-2

Model Number	HP	RPM	Frame	Motor Dimensions							Flange		Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES			
SS56C1/3M-2-RB	1/3	3600	56C	11.59	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C1/3M-4-RB	1/3	1800	56C	11.59	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C1/2M-2-RB	1/2	3600	56C	11.59	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C1/2M-4-RB	1/2	1800	56C	11.59	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C1/2M-6-RB	1/2	1200	56C	11.59	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C3/4M-2-RB	3/4	3600	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C3/4M-4-RB	3/4	1800	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
SS56C3/4M-6-RB	3/4	1200	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS56C1M-2-RB	1	3600	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS56C1M-4-RB	1	1800	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS143TC1M-4-RB	1	1800	143TC	12.63	N/A	N/A	N/A	N/A	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O-2	
PESS145TC1M-6-RB	1	1200	145TC	16.63	N/A	N/A	N/A	N/A	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O-2	
PESS56C1.5M-2-RB	1.5	3600	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS143TC1.5M-2-RB	1.5	3600	143TC	12.63	N/A	N/A	N/A	N/A	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O-2	
PESS56C1.5M-4-RB	1.5	1800	56C	12.57	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS145TC1.5M-4-RB	1.5	1800	145TC	16.63	N/A	N/A	N/A	N/A	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O-2	
PESS182TC1.5M-6-RB	1.5	1200	182TC	17.00	N/A	N/A	N/A	N/A	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O-2	
PESS56C2M-2-RB	2	3600	56C	13.75	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS145TC2M-2-RB	2	3600	145TC	13.81	N/A	N/A	N/A	N/A	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O-2	
PESS56C2M-4-RB	2	1800	56C	13.75	N/A	N/A	N/A	N/A	0.0	6.5	5.88	1.88	0.625	0.517	0.188	1.41	0.86	O-2	
PESS145TC2M-4-RB	2	1800	145TC	13.81	N/A	N/A	N/A	N/A	0.0	6.5	5.88	2.25	0.875	0.771	0.188	1.41	0.86	O-2	
PESS184TC2M-6-RB	2	1200	184TC	17.00	N/A	N/A	N/A	N/A	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O-2	
PESS182TC3M-2-RB	3	3600	182TC	17.00	N/A	N/A	N/A	N/A	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O-2	
PESS182TC3M-4-RB	3	1800	182TC	17.00	N/A	N/A	N/A	N/A	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O-2	
PESS213TC3M-6-RB	3	1200	213TC	20.70	N/A	N/A	N/A	N/A	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O-2	
PESS184TC5M-2-RB	5	3600	184TC	17.00	N/A	N/A	N/A	N/A	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O-2	
PESS184TC5M-4-RB	5	1800	184TC	17.00	N/A	N/A	N/A	N/A	0.0	8.9	7.25	2.75	1.125	0.986	0.250	1.78	0.94	O-2	
PESS215TC5M-6-RB	5	1200	215TC	21.50	N/A	N/A	N/A	N/A	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O-2	
PESS213TC7.5M-2-RB	7.5	3600	213TC	20.70	N/A	N/A	N/A	N/A	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O-2	
PESS213TC7.5M-4-RB	7.5	1800	213TC	20.70	N/A	N/A	N/A	N/A	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O-2	
PESS215TC10M-2-RB	10	3600	215TC	20.70	N/A	N/A	N/A	N/A	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O-2	
PESS215TC10M-4-RB	10	1800	215TC	21.50	N/A	N/A	N/A	N/A	0.0	10.1	7.25	3.38	1.375	1.201	0.312	2.41	0.94	O-2	
PESS254TC15M-2-RB	15	3600	254TC	23.20	N/A	N/A	N/A	N/A	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O-2	
PESS254TC15M-4-RB	15	1800	254TC	23.20	N/A	N/A	N/A	N/A	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O-2	
PESS256TC20M-2-RB	20	3600	256TC	24.80	N/A	N/A	N/A	N/A	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O-2	
PESS256TC20M-4-RB	20	1800	256TC	24.80	N/A	N/A	N/A	N/A	0.0	11.7	7.25	4.00	1.625	1.416	0.375	2.91	1.00	O-2	

Dimensions—Close Coupled

1 HP—75 HP CLOSE COUPLED JM FRAME CAST IRON

143JM—365JM FRAME
THREE-PHASE
TEFC

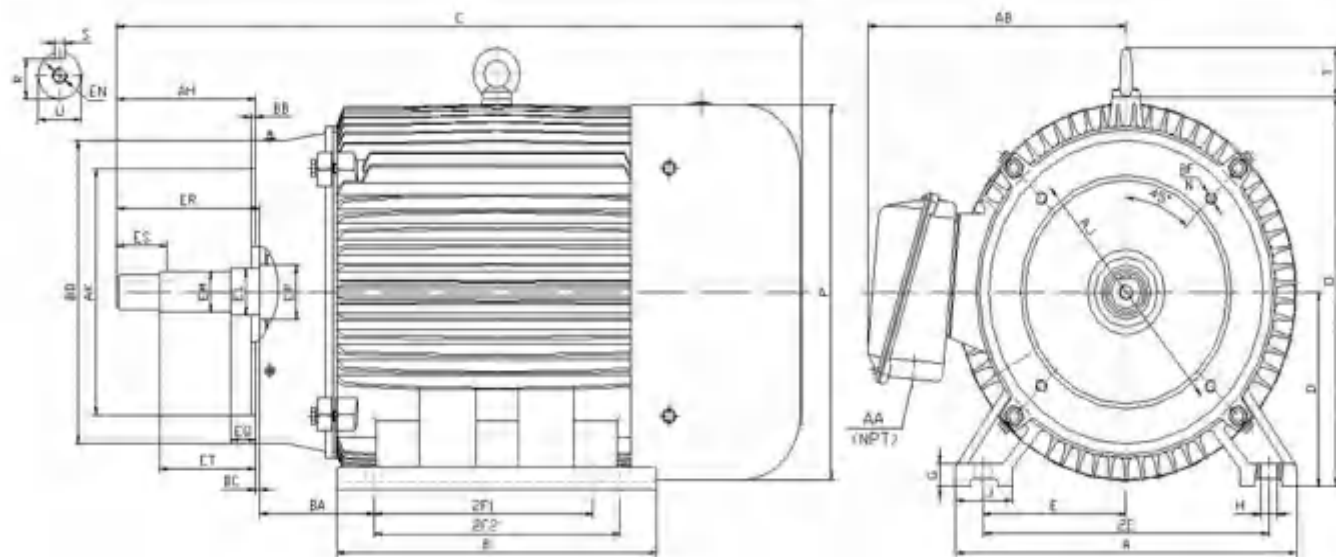


Diagram P

Model Number	HP	RPM	Frame	Motor Dimensions								Flange	Shaft		Keyway				AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ		N-W	U	R	S	ES			
PE143JM-1-4	1	1800	143JM	16.23	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE143JM-1.5-2	1.5	3600	143JM	16.23	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE145JM-1.5-4	1.5	1800	145JM	17.23	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE145JM-2-2	2	3600	145JM	17.23	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE145JM-2-4	2	1800	145JM	17.23	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE145JM-3-2	3	3600	145JM	17.23	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE182JM-3-2	3	3600	182JM	18.48	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE182JM-3-4	3	1800	182JM	18.48	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE184JM-5-2	5	3600	184JM	19.48	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE184JM-5-4	5	1800	184JM	19.48	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE184JM-7.5-2	7.5	3600	184JM	19.48	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P		
PE213JM-7.5-2	7.5	3600	213JM	20.78	5.25	4.25	5.5	NA	10.5	10.2	7.25	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	1.00	P		
PE213JM-7.5-4	7.5	1800	213JM	20.78	5.25	4.25	5.5	NA	10.5	10.2	7.25	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	1.00	P		
PE215JM-10-2	10	3600	215JM	22.28	5.25	4.25	5.5	7.0	10.5	10.2	7.25	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	1.00	P		
PE215JM-10-4	10	1800	215JM	22.28	5.25	4.25	5.5	7.0	10.5	10.2	7.25	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	1.00	P		
PE215JM-15-2	15	3600	215JM	22.28	5.25	4.25	5.5	7.0	10.5	10.2	7.25	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	1.00	P		
PE254JM-15-2	15	3600	254JM	24.70	6.25	5.00	8.3	NA	13.0	12.4	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P		
PE254JM-15-4	15	1800	254JM	24.70	6.25	5.00	8.3	NA	13.2	12.8	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P		
PE256JM-20-2	20	3600	256JM	26.50	6.25	5.00	8.3	10.0	13.0	12.4	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P		
PE256JM-20-4	20	1800	256JM	26.50	6.25	5.00	8.3	10.0	13.2	12.8	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P		
PE256JM-25-2	25	3600	256JM	26.50	6.25	5.00	8.3	10.0	13.0	12.4	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P		
PE284JM-25-2	25	3600	284JM	27.47	7.00	5.50	9.5	NA	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P		
PE284JM-25-4	25	1800	284JM	27.47	7.00	5.50	9.5	NA	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P		
PE286JM-30-2	30	3600	286JM	28.97	7.00	5.50	9.5	11.0	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P		
PE286JM-30-4	30	1800	286JM	28.97	7.00	5.50	9.5	11.0	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P		
PE286JM-40-2	40	3600	286JM	28.97	7.00	5.50	9.5	11.0	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P		
PE324JM-40-2	40	3600	324JM	30.05	8.00	6.25	10.5	NA	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P		
PE324JM-40-4	40	1800	324JM	30.05	8.00	6.25	10.5	NA	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P		
PE326JM-50-2	50	3600	326JM	31.55	8.00	6.25	10.5	12.0	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P		
PE326JM-50-4	50	1800	326JM	31.55	8.00	6.25	10.5	12.0	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P		
PE364JM-60-2	60	3600	364JM	33.10	9.00	7.00	11.3	12.3	18.1	17.6	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	3.00	P		
PE364JM-60-4	60	1800	364JM	33.10	9.00	7.00	11.3	NA	18.5	18.4	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	3.00	P		
PE365JM-75-2	75	3600	365JM	33.10	9.00	7.00	11.3	12.3	18.1	17.6	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	3.00	P		
PE365JM-75-4	75	1800	365JM	33.10	9.00	7.00	11.3	12.3	18.5	18.4	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	3.00	P		

Dimensions—Close Coupled

1 HP—75 HP CLOSE COUPLED JP FRAME CAST IRON

143JP—365JP FRAME
THREE-PHASE
TEFC

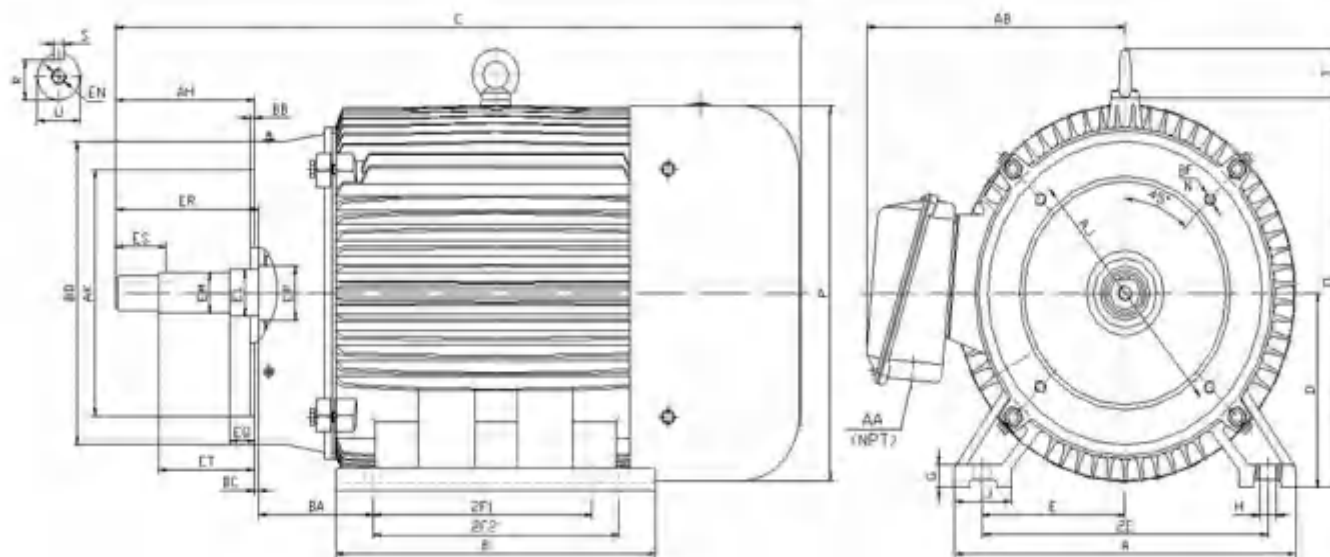


Diagram P

Model Number	HP	RPM	Frame	Motor Dimensions							Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P		AJ	N-W	U	R	S		
PE143JP-1-4	1	1800	143JP	19.30	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE143JP-1.5-2	1.5	3600	143JP	19.30	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE145JP-1.5-4	1.5	1800	145JP	20.30	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE145JP-2-2	2	3600	145JP	20.30	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE145JP-2-4	2	1800	145JP	20.30	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE145JP-3-2	3	3600	145JP	20.30	3.50	2.75	4.0	5.0	7.1	7.0	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE182JP-3-2	3	3600	182JP	21.55	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE182JP-3-4	3	1800	182JP	21.55	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE184JP-5-2	5	3600	184JP	22.55	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE184JP-5-4	5	1800	184JP	22.55	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE184JP-7.5-2	7.5	3600	184JP	22.55	4.50	3.75	4.5	5.5	9.1	8.7	5.88	0.00	.8745 0.874	0.771 0.756	0.190 0.188	1.65	0.75	P
PE213JP-7.5-2	7.5	3600	213JP	24.65	5.25	4.25	5.5	NA	10.5	10.2	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.00	P
PE213JP-7.5-4	7.5	1800	213JP	24.65	5.25	4.25	5.5	NA	10.5	10.2	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.00	P
PE215JP-10-2	10	3600	215JP	26.15	5.25	4.25	5.5	7.0	10.5	10.2	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.00	P
PE215JP-10-4	10	1800	215JP	26.15	5.25	4.25	5.5	7.0	10.5	10.2	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.00	P
PE215JP-15-2	15	3600	215JP	26.15	5.25	4.25	5.5	7.0	10.5	10.2	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.00	P
PE254JP-15-2	15	3600	254JP	27.58	6.25	5.00	8.3	NA	13.0	12.4	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P
PE254JP-15-4	15	1800	254JP	27.58	6.25	5.00	8.3	NA	13.2	12.8	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P
PE256JP-20-2	20	3600	256JP	29.38	6.25	5.00	8.3	10.0	13.0	12.4	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P
PE256JP-20-4	20	1800	256JP	29.38	6.25	5.00	8.3	10.0	13.2	12.8	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P
PE256JP-25-2	25	3600	256JP	29.38	6.25	5.00	8.3	10.0	13.0	12.4	7.25	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.25	P
PE284JP-25-2	25	3600	284JP	30.35	7.00	5.50	9.5	NA	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P
PE284JP-25-4	25	1800	284JP	30.35	7.00	5.50	9.5	NA	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P
PE286JP-30-2	30	3600	286JP	31.85	7.00	5.50	9.5	11.0	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P
PE286JP-30-4	30	1800	286JP	31.85	7.00	5.50	9.5	11.0	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P
PE286JP-40-2	40	3600	286JP	31.85	7.00	5.50	9.5	11.0	14.5	14.0	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	1.50	P
PE324JP-40-2	40	3600	324JP	32.93	8.00	6.25	10.5	NA	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P
PE324JP-40-4	40	1800	324JP	32.93	8.00	6.25	10.5	NA	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P
PE326JP-50-2	50	3600	326JP	34.43	8.00	6.25	10.5	12.0	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P
PE326JP-50-4	50	1800	326JP	34.43	8.00	6.25	10.5	12.0	15.9	15.7	11.00	0.00	.2495 1.249	1.112 1.097	0.252 0.250	2.53	2.00	P
PE364JP-60-2	60	3600	364JP	36.00	9.00	7.00	11.3	12.3	18.1	17.6	11.00	0.00	.6245 1.624	1.415 1.401	0.377 0.375	2.53	3.00	P
PE364JP-60-4	60	1800	364JP	36.00	9.00	7.00	11.3	NA	18.5	18.4	11.00	0.00	.6245 1.624	1.415 1.401	0.377 0.375	2.53	3.00	P
PE365JP-75-2	75	3600	365JP	36.00	9.00	7.00	11.3	12.3	18.1	17.6	11.00	0.00	.6245 1.624	1.415 1.401	0.377 0.375	2.53	3.00	P
PE365JP-75-4	75	1800	365JP	36.00	9.00	7.00	11.3	12.3	18.5	18.4	11.00	0.00	.6245 1.624	1.415 1.401	0.377 0.375	2.53	3.00	P

Dimensions—Explosion Proof

1 HP—250 HP EXPLOSION PROOF CAST IRON

INVERTER RATED (10:1 VT; 5:1 CT)
143T—449T FRAME
THREE-PHASE
TEXP

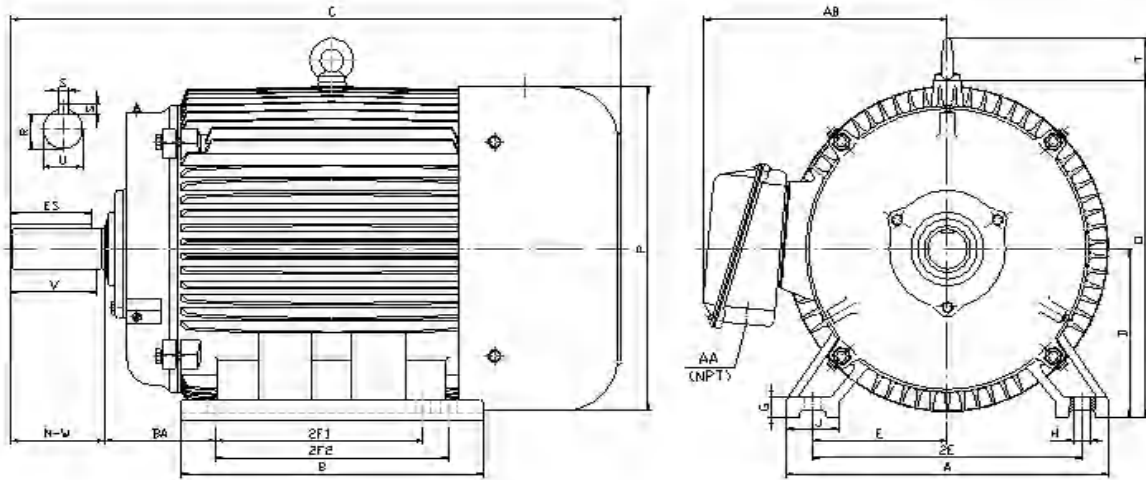


Diagram Q

Model Number	HP	RPM	Frame	Motor Dimensions								Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	T		N-W	U	R	S	ES		
PEXP143T-1-4	1	1800	143T	12.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	Q
PEXP145T-1-6	1	1200	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	Q
PEXP143T-1.5-2	1.5	3600	143T	12.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	Q
PEXP145T-1.5-4	1.5	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	Q
PEXP182T-1.5-6	1.5	1200	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	0.00	2.75	1.125	0.986	0.250	1.78	0.75	Q
PEXP145T-2-2	2	3600	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	Q
PEXP145T-2-4	2	1800	145T	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	0.00	2.25	0.875	0.771	0.188	1.41	0.75	Q
PEXP184T-2-6	2	1200	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	0.00	2.75	1.125	0.986	0.250	1.78	0.75	Q
PEXP182T-3-2	3	3600	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	0.00	2.75	1.125	0.986	0.250	1.78	0.75	Q
PEXP182T-3-4	3	1800	182T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	0.00	2.75	1.125	0.986	0.250	1.78	0.75	Q
PEXP213T-3-6	3	1200	213T	18.90	5.25	4.25	5.5	7.0	11.2	11.6	1.9	0.00	3.38	1.375	1.201	0.312	2.41	1.00	Q
PEXP184T-5-2	5	3600	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	0.00	2.75	1.125	0.986	0.250	1.78	0.75	Q
PEXP184T-5-4	5	1800	184T	17.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	0.00	2.75	1.125	0.986	0.250	1.78	0.75	Q
PEXP215T-5-6	5	1200	215T	20.40	5.25	4.25	5.5	7.0	11.2	11.6	1.9	0.00	3.38	1.375	1.201	0.312	2.41	1.00	Q
PEXP213T-7.5-2	7.5	3600	213T	18.90	5.25	4.25	5.5	7.0	11.2	11.6	1.9	0.00	3.38	1.375	1.201	0.312	2.41	1.00	Q
PEXP213T-7.5-4	7.5	1800	213T	18.90	5.25	4.25	5.5	7.0	11.2	11.6	1.9	0.00	3.38	1.375	1.201	0.312	2.41	1.00	Q
PEXP254T-7.5-6	7.5	1200	254T	23.20	6.25	5.00	8.3	10.0	13.2	12.8	2.2	0.00	4.00	1.625	1.416	0.375	2.91	1.25	Q
PEXP215T-10-2	10	3600	215T	20.40	5.25	4.25	5.5	7.0	11.2	11.6	1.9	0.00	3.38	1.375	1.201	0.312	2.41	1.00	Q
PEXP215T-10-4	10	1770	215T	20.40	5.25	4.25	5.5	7.0	11.2	11.6	1.9	0.00	3.38	1.375	1.201	0.312	2.41	1.00	Q
PEXP256T-10-6	10	1200	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	2.2	0.00	4.00	1.625	1.416	0.375	2.91	1.25	Q
PEXP254T-15-2	15	3600	254T	23.20	6.25	5.00	8.3	10.0	13.2	12.8	2.2	0.00	4.00	1.625	1.416	0.375	2.91	1.25	Q
PEXP254T-15-4	15	1800	254T	23.20	6.25	5.00	8.3	10.0	13.2	12.8	2.2	0.00	4.00	1.625	1.416	0.375	2.91	1.25	Q
PEXP284T-15-6	15	1200	284T	26.60	7.00	5.50	9.5	11.0	14.5	14.0	2.2	0.00	4.62	1.875	1.591	0.500	3.28	1.50	Q
PEXP256T-20-2	20	3600	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	2.2	0.00	4.00	1.625	1.416	0.375	2.91	1.25	Q
PEXP256T-20-4	20	1800	256T	25.00	6.25	5.00	8.3	10.0	13.2	12.8	2.2	0.00	4.00	1.625	1.416	0.375	2.91	1.25	Q
PEXP286T-20-6	20	1200	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	2.2	0.00	4.62	1.875	1.591	0.500	3.28	1.50	Q
PEXP284TS-25-2	25	3600	284TS	25.20	7.00	5.50	9.5	11.0	14.5	14.0	2.2	0.00	3.25	1.625	1.416	0.375	1.91	1.50	Q
PEXP284T-25-4	25	1800	284T	26.60	7.00	5.50	9.5	11.0	14.5	14.0	2.2	0.00	4.62	1.875	1.591	0.500	3.28	1.50	Q
PEXP324T-25-6	25	1200	324T	29.80	8.00	6.25	10.5	12.0	15.9	15.7	2.6	0.00	5.25	2.125	1.845	0.500	3.91	2.00	Q
PEXP286TS-30-2	30	3600	286TS	26.70	7.00	5.50	9.5	11.0	14.5	14.0	2.2	0.00	3.25	1.625	1.416	0.375	1.91	1.50	Q
PEXP286T-30-4	30	1800	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	2.2	0.00	4.62	1.875	1.591	0.500	3.28	1.50	Q
PEXP326T-30-6	30	1200	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	2.6	0.00	5.25	2.125	1.845	0.500	3.91	2.00	Q
PEXP324TS-40-2	40	3600	324TS	28.30	8.00	6.25	10.5	12.0	15.9	15.7	2.6	0.00	3.75	1.875	1.591	0.500	2.03	2.00	Q
PEXP324T-40-4	40	1800	324T	29.80	8.00	6.25	10.5	12.0	15.9	15.7	2.6	0.00	5.25	2.125	1.845	0.500	3.91	2.00	Q
PEXP364T-40-6	40	1200	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	2.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	Q
PEXP326TS-50-2	50	3600	326TS	29.80	8.00	6.25	10.5	12.0	15.9	15.7	2.6	0.00	3.75	1.875	1.591	0.500	2.03	2.00	Q
PEXP326T-50-4	50	1800	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	2.6	0.00	5.25	2.125	1.845	0.500	3.91	2.00	Q
PEXP365T-50-6	50	1200	365T	33.50	9.00	7.00	0.0	12.3	18.5	18.4	2.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	Q
PEXP364TS-60-2	60	3600	364TS	31.40	9.00	7.00	11.3	0.0	18.1	17.6	2.6	0.00	3.75	1.875	1.591	0.500	2.03	3.00	Q
PEXP364T-60-4	60	1800	364T	32.50	9.00	7.00	11.3	0.0	18.5	18.4	2.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	Q
PEXP404T-60-6	60	1200	404T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	2.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	Q
PEXP365TS-75-2	75	3600	365TS	31.40	9.00	7.00	0.0	12.3	18.1	17.6	2.6	0.00	3.75	1.875	1.591	0.500	2.03	3.00	Q
PEXP365T-75-4	75	1800	365T	33.50	9.00	7.00	0.0	12.3	18.5	18.4	2.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	Q
PEXP405T-75-6	75	1200	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	2.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	Q
PEXP405TS-100-2	100	3600	405TS	35.00	10.00	8.00	12.3	13.8	19.8	19.1	2.6	0.00	4.25	2.125	1.845	0.500	2.78	3.00	Q
PEXP405T-100-4	100	1800	405T	38.00	10.00	8.00	12.3	13.8	21.1	21.6	2.6	0.00	7.25	2.875	2.450	0.750	5.65	3.00	Q
PEXP444T-100-6	100	1200	444T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP444TS-125-2	125	3600	444TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	3.0	0.00	4.75	2.375	2.021	0.625	3.03	3.00	Q
PEXP444T-125-4	125	1800	444T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP445T-125-6	125	1200	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP445TS-150-2	150	3600	445TS	40.60	11.00	9.00	14.5	16.5	23.0	23.4	3.0	0.00	4.75	2.375	2.021	0.625	3.03	3.00	Q
PEXP445T-150-4	150	1800	445T	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP447T-150-6	150	1200	447T	47.80	11.00	9.00	20.0	25.0	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP447TS-200-2	200	3600	447TS	44.10	11.00	9.00	20.0	25.0	23.0	23.4	3.0	0.00	4.75	2.375	2.021	0.625	3.03	3.00	Q
PEXP447T-200-4	200	1800	447T	47.80	11.00	9.00	20.0	25.0	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP449T-200-6	200	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q
PEXP449TS-250-2	250	3600	449TS	49.10	11.00	9.00	20.0	25.0	23.0	23.4	3.0	0.00	4.75	2.375	2.021	0.625	3.03	3.00	Q
PEXP449T-250-4	250	1800	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	3.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	Q

Dimensions—Explosion Proof

1 HP—200 HP EXPLOSION PROOF C-FLANGE W/ FEET CAST IRON

INVERTER RATED (10:1 VT; 5:1 CT)
143TC—449TC FRAME
THREE-PHASE
TEXP

CRUSHER
DESIGN C

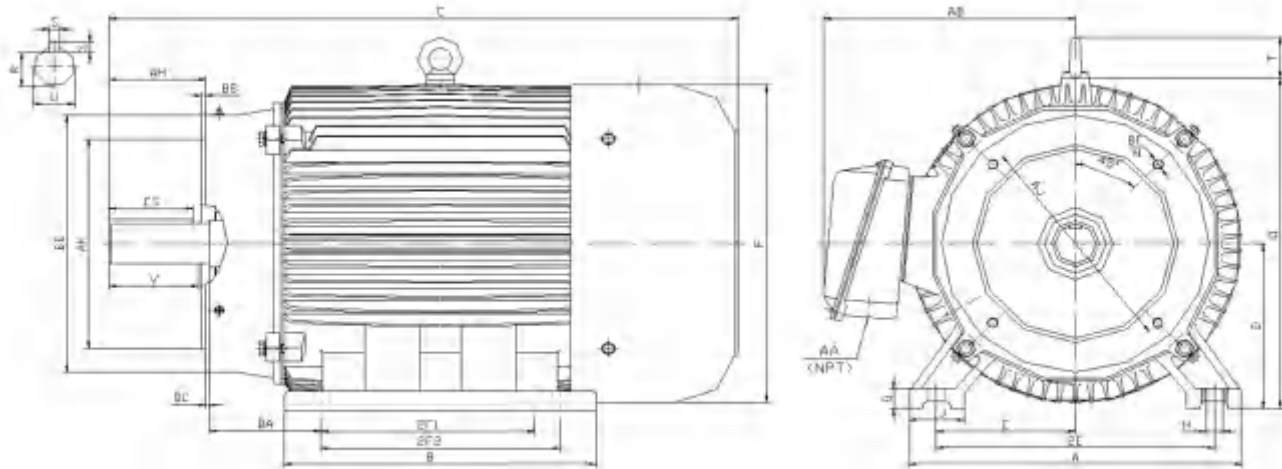


Diagram Q-2

Model Number	HP	RPM	Frame	Motor Dimensions								Range		Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	T	AJ	N-W	U	R	S	ES			
PEXP143TC-1-4	1	1800	143TC	12.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	Q-2	
PEXP145TC-1-6	1	1200	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	Q-2	
PEXP143TC-1.5-2	1.5	3600	143TC	12.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	Q-2	
PEXP145TC-1.5-4	1.5	1800	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	Q-2	
PEXP182TC-1.5-6	1.5	1200	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	7.25	2.75	1.125	0.986	0.250	1.78	0.75	Q-2	
PEXP145TC-2-2	2	3600	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	Q-2	
PEXP145TC-2-4	2	1800	145TC	14.60	3.50	2.75	4.0	5.0	7.1	7.0	0.0	5.88	2.25	0.875	0.771	0.188	1.41	0.75	Q-2	
PEXP184TC-2-6	2	1200	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	7.25	2.75	1.125	0.986	0.250	1.78	0.75	Q-2	
PEXP182TC-3-2	3	3600	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	7.25	2.75	1.125	0.986	0.250	1.78	0.75	Q-2	
PEXP182TC-3-4	3	1800	182TC	16.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	7.25	2.75	1.125	0.986	0.250	1.78	0.75	Q-2	
PEXP213TC-3-6	3	1200	213TC	18.90	5.25	4.25	5.5	7.0	11.2	11.6	1.9	7.25	3.38	1.375	1.201	0.312	2.41	1.00	Q-2	
PEXP184TC-5-2	5	3600	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	7.25	2.75	1.125	0.986	0.250	1.78	0.75	Q-2	
PEXP184TC-5-4	5	1800	184TC	17.10	4.50	3.75	4.5	5.5	9.1	8.7	1.6	7.25	2.75	1.125	0.986	0.250	1.78	0.75	Q-2	
PEXP215TC-5-6	5	1200	215TC	20.40	5.25	4.25	5.5	7.0	11.2	11.6	1.9	7.25	3.38	1.375	1.201	0.312	2.41	1.00	Q-2	
PEXP213TC-7.5-2	7.5	3600	213TC	18.90	5.25	4.25	5.5	7.0	11.2	11.6	1.9	7.25	3.38	1.375	1.201	0.312	2.41	1.00	Q-2	
PEXP213TC-7.5-4	7.5	1800	213TC	18.90	5.25	4.25	5.5	7.0	11.2	11.6	1.9	7.25	3.38	1.375	1.201	0.312	2.41	1.00	Q-2	
PEXP254TC-7.5-6	7.5	1200	254TC	23.20	6.25	5.00	8.3	10.0	13.2	12.8	2.2	7.25	4.00	1.625	1.416	0.375	2.91	1.25	Q-2	
PEXP215TC-10-2	10	3600	215TC	20.40	5.25	4.25	5.5	7.0	11.2	11.6	1.9	7.25	3.38	1.375	1.201	0.312	2.41	1.00	Q-2	
PEXP215TC-10-4	10	1800	215TC	20.40	5.25	4.25	5.5	7.0	11.2	11.6	1.9	7.25	3.38	1.375	1.201	0.312	2.41	1.00	Q-2	
PEXP256TC-10-6	10	1200	256TC	25.00	6.25	5.00	8.3	10.0	13.2	12.8	2.2	7.25	4.00	1.625	1.416	0.375	2.91	1.25	Q-2	
PEXP254TC-15-2	15	3600	254TC	23.20	6.25	5.00	8.3	10.0	13.2	12.8	2.2	7.25	4.00	1.625	1.416	0.375	2.91	1.25	Q-2	
PEXP254TC-15-4	15	1800	254TC	23.20	6.25	5.00	8.3	10.0	13.2	12.8	2.2	7.25	4.00	1.625	1.416	0.375	2.91	1.25	Q-2	
PEXP284TC-15-6	15	1200	284TC	26.60	7.00	5.50	9.5	11.0	14.5	14.0	2.2	9.00	4.62	1.875	1.591	0.500	3.28	1.50	Q-2	
PEXP256TC-20-2	20	3600	256TC	25.00	6.25	5.00	8.3	10.0	13.2	12.8	2.2	7.25	4.00	1.625	1.416	0.375	2.91	1.25	Q-2	
PEXP256TC-20-4	20	1800	256TC	25.00	6.25	5.00	8.3	10.0	13.2	12.8	2.2	7.25	4.00	1.625	1.416	0.375	2.91	1.25	Q-2	
PEXP286TC-20-6	20	1200	286TC	28.10	7.00	5.50	9.5	11.0	14.5	14.0	2.2	9.00	4.62	1.875	1.591	0.500	3.28	1.50	Q-2	
PEXP284TSC-25-2	25	3600	284TSC	25.20	7.00	5.50	9.5	11.0	14.5	14.0	2.2	9.00	3.25	1.625	1.416	0.375	1.91	1.50	Q-2	
PEXP284TC-25-4	25	1800	284TC	26.60	7.00	5.50	9.5	11.0	14.5	14.0	2.2	9.00	4.62	1.875	1.591	0.500	3.28	1.50	Q-2	
PEXP324TC-25-6	25	1200	324TC	29.80	8.00	6.25	10.5	12.0	15.9	15.7	2.6	11.00	5.25	2.125	1.845	0.500	3.91	2.00	Q-2	
PEXP286TSC-30-2	30	3600	286TSC	26.70	7.00	5.50	9.5	11.0	14.5	14.0	2.2	9.00	3.25	1.625	1.416	0.375	1.91	1.50	Q-2	
PEXP286TC-30-4	30	1800	286TC	28.10	7.00	5.50	9.5	11.0	14.5	14.0	2.2	9.00	4.62	1.875	1.591	0.500	3.28	1.50	Q-2	
PEXP326TC-30-6	30	1200	326TC	31.30	8.00	6.25	10.5	12.0	15.9	15.7	2.6	11.00	5.25	2.125	1.845	0.500	3.91	2.00	Q-2	
PEXP324TSC-40-2	40	3600	324TSC	28.30	8.00	6.25	10.5	12.0	15.9	15.7	2.6	11.00	3.75	1.875	1.591	0.500	2.03	2.00	Q-2	
PEXP324TC-40-4	40	1800	324TC	29.80	8.00	6.25	10.5	12.0	15.9	15.7	2.6	11.00	5.25	2.125	1.845	0.500	3.91	2.00	Q-2	
PEXP364TC-40-6	40	1200	364TC	32.50	9.00	7.00	11.3	0.0	18.5	18.4	2.6	11.00	5.88	2.375	2.021	0.625	4.28	3.00	Q-2	
PEXP326TSC-50-2	50	3600	326TSC	29.80	8.00	6.25	10.5	12.0	15.9	15.7	2.6	11.00	3.75	1.875	1.591	0.500	2.03	2.00	Q-2	
PEXP326TC-50-4	50	1800	326TC	31.30	8.00	6.25	10.5	12.0	15.9	15.7	2.6	11.00	5.25	2.125	1.845	0.500	3.91	2.00	Q-2	
PEXP365TC-50-6	50	1200	365TC	33.50	9.00	7.00	0.0	12.3	18.5	18.4	2.6	11.00	5.88	2.375	2.021	0.625	4.28	3.00	Q-2	
PEXP364TSC-60-2	60	3600	364TSC	31.40	9.00	7.00	11.3	0.0	18.1	17.6	2.6	11.00	3.75	1.875	1.591	0.500	2.03	3.00	Q-2	
PEXP364TC-60-4	60	1800	364TC	32.50	9.00	7.00	11.3	0.0	18.5	18.4	2.6	11.00	5.88	2.375	2.021	0.625	4.28	3.00	Q-2	
PEXP404TC-60-6	60	1200	404TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	2.6	11.00	7.25	2.875	2.450	0.750	5.65	3.00	Q-2	
PEXP365TSC-75-2	75	3600	365TSC	31.40	9.00	7.00	0.0	12.3	18.1	17.6	2.6	11.00	3.75	1.875	1.591	0.500	2.03	3.00	Q-2	
PEXP365TC-75-4	75	1800	365TC	33.50	9.00	7.00	0.0	12.3	18.5	18.4	2.6	11.00	5.88	2.375	2.021	0.625	4.28	3.00	Q-2	
PEXP405TC-75-6	75	1200	405TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	2.6	11.00	7.25	2.875	2.450	0.750	5.65	3.00	Q-2	
PEXP405TSC-100-2	100	3600	405TSC	35.00	10.00	8.00	12.3	13.8	19.8	19.1	2.6	11.00	4.25	2.125	1.845	0.500	2.78	3.00	Q-2	
PEXP405TC-100-4	100	1800	405TC	38.00	10.00	8.00	12.3	13.8	21.1	21.6	2.6	11.00	7.25	2.875	2.450	0.750	5.65	3.00	Q-2	
PEXP444TC-100-6	100	1200	444TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP444TSC-125-2	125	3600	444TSC	40.60	11.00	9.00	14.5	16.5	23.0	23.4	3.0	14.00	4.75	2.375	2.021	0.625	3.03	3.00	Q-2	
PEXP444TC-125-4	125	1800	444TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP445TC-125-6	125	1200	445TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP445TSC-150-2	150	3600	445TSC	40.60	11.00	9.00	14.5	16.5	23.0	23.4	3.0	14.00	4.75	2.375	2.021	0.625	3.03	3.00	Q-2	
PEXP445TC-150-4	150	1800	445TC	44.30	11.00	9.00	14.5	16.5	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP447TC-150-6	150	1200	447TC	47.80	11.00	9.00	16.5	25.0	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP447TSC-200-2	200	3600	447TSC	44.10	11.00	9.00	16.5	25.0	23.0	23.4	3.0	14.00	4.75	2.375	2.021	0.625	3.03	3.00	Q-2	
PEXP447TC-200-4	200	1800	447TC	47.80	11.00	9.00	16.5	25.0	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP449TC-200-6	200	1200	449TC	52.80	11.00	9.00	16.5	25.0	23.0	23.4	3.0	14.00	8.50	3.375	2.880	0.875	6.91	3.00	Q-2	
PEXP449TSC-250-2	250	3600	449TSC	49.10	11.00	9.00	16.5	25.0	23.0	23.4	3.0	14.00	4.75	2.375	2.021	0.625	3.03	3.00	Q-2	
PEXP449TC-250-4	250	1800	449TC	52.80	11.00															

Dimensions—Oil Well Pump

2 HP—150 HP OIL WELL PUMP CAST IRON

INVERTER DUTY (20:1 VT; 10:1 CT)
184T—449T FRAME
THREE-PHASE
TEFC

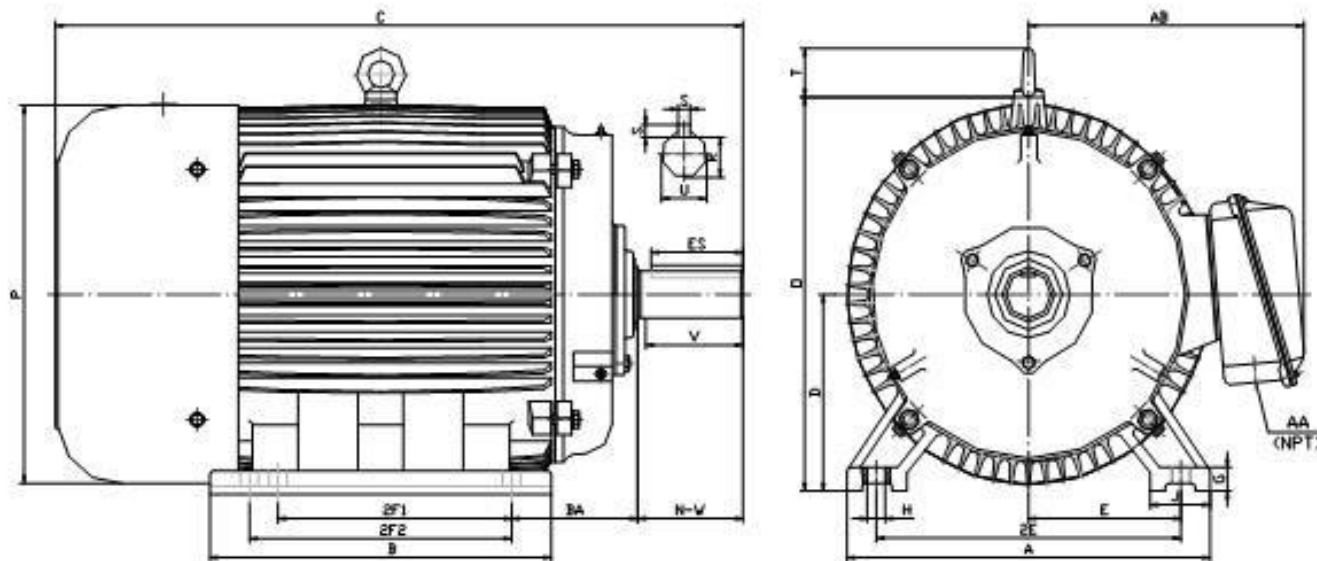


Diagram R

Model Number	HP	RPM	Frame	Motor Dimensions								Flange		Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ	N-W	U	R	S	ES				
OWP184T-2-6	2	1200	184T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	R		
OWP184T-2-8	2	900	184T	16.10	4.50	3.75	4.5	5.5	9.1	8.7	0.00	2.75	1.125	0.986	0.250	1.78	0.75	R		
OWP213T-3-6	3	1200	213T	18.90	5.25	4.25	5.5	NA	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	R		
OWP215T-3-8	3	900	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	R		
OWP215T-5-6	5	1200	215T	20.40	5.25	4.25	5.5	7.0	10.5	10.2	0.00	3.38	1.375	1.201	0.312	2.41	1.00	R		
OWP254T-5-8	5	900	254T	23.20	6.25	5.00	8.3	NA	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	R		
OWP254T-7.5-6	7.5	1200	254T	23.20	6.25	5.00	8.3	NA	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	R		
OWP256T-7.5-8	7.5	900	256T	25.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	R		
OWP256T-10-6	10	1200	256T	25.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	4.00	1.625	1.416	0.375	2.91	1.25	R		
OWP284T-10-8	10	900	284T	26.60	7.00	5.50	9.5	NA	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	R		
OWP284T-15-6	15	1200	284T	26.60	7.00	5.50	9.5	NA	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	R		
OWP286T-15-8	15	900	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	R		
OWP286T-20-6	20	1200	286T	28.10	7.00	5.50	9.5	11.0	14.5	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	R		
OWP324T-20-8	20	900	324T	29.80	8.00	6.25	10.5	NA	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	R		
OWP324T-25-6	25	1200	324T	29.80	8.00	6.25	10.5	NA	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	R		
OWP326T-25-8	25	900	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	R		
OWP326T-30-6	30	1200	326T	31.30	8.00	6.25	10.5	12.0	15.9	15.7	0.00	5.25	2.125	1.845	0.500	3.91	2.00	R		
OWP364T-30-8	30	900	364T	32.50	9.00	7.00	11.3	NA	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	R		
OWP365T-40-6	40	1200	365T	33.50	9.00	7.00	11.3	12.3	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	R		
OWP365T-40-8	40	900	365T	33.50	9.00	7.00	11.3	12.3	18.1	17.6	0.00	5.88	2.375	2.021	0.625	4.28	3.00	R		
OWP404T-50-6	50	1200	404T	36.50	10.00	8.00	12.3	NA	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	R		
OWP404T-50-8	50	900	404T	36.50	10.00	8.00	12.3	NA	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	R		
OWP405T-60-6	60	1200	405T	38.00	10.00	8.00	12.3	13.8	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	R		
OWP405T-60-8	60	900	405T	38.00	10.00	8.00	12.3	13.8	19.8	19.1	0.00	7.25	2.875	2.450	0.750	5.65	3.00	R		
OWP444T-75-6	75	1200	444T	44.09	11.00	9.00	14.5	16.5	22.3	22.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	R		
OWP444T-75-8	75	900	444T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	R		
OWP445T-100-6	100	1200	445T	44.09	11.00	9.00	14.5	16.5	22.3	22.0	0.00	8.50	3.375	2.880	0.875	6.91	3.00	R		
OWP445T-100-8	100	900	445T	44.30	11.00	9.00	14.5	16.5	22.1	21.6	0.00	8.50	3.375	2.880	0.875	6.91	3.00	R		
OWP447T-125-6	125	1200	447T	47.80	11.00	9.00	16.5	20.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	R		
OWP449T-150-6	150	1200	449T	52.80	11.00	9.00	20.0	25.0	23.0	23.4	0.00	8.50	3.375	2.880	0.875	6.91	3.00	R		

Dimensions—Oil Well Pump

7.5 HP—100 HP OIL WELL PUMP CAST IRON

INVERTER DUTY (20:1 VT; 10:1 CT)
254T—444T FRAME
THREE-PHASE
ODP

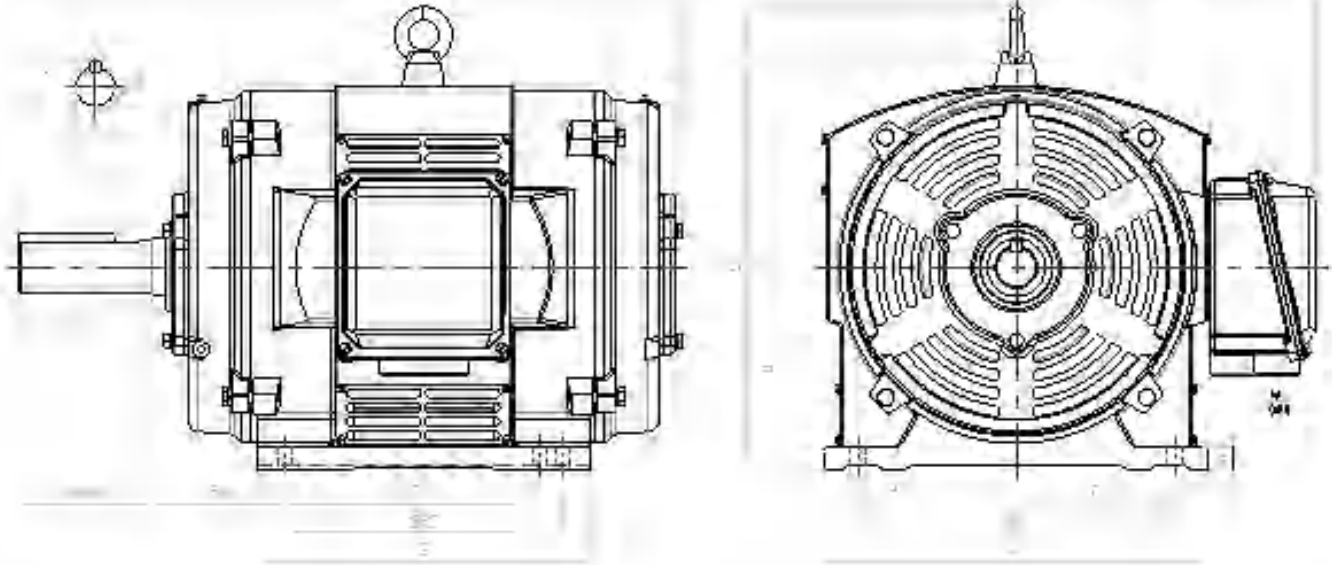


Diagram S

Model Number	HP	RPM	Frame	Motor Dimensions								Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ		N-W	U	R	S	ES		
OWP254T-7.5-6-ODP	7.5	1200	254T	22.15	6.25	5.00	8.3	10.0	13.0	12.9	0.00	4.00	1.625	1.416	0.375	2.91	1.25	S	
OWP256T-10-6-ODP	10	1200	256T	22.15	6.25	5.00	8.3	10.0	13.0	12.9	0.00	4.00	1.625	1.416	0.375	2.91	1.25	S	
OWP284T-15-6-ODP	15	1200	284T	24.80	7.00	5.50	9.5	11.0	14.3	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	S	
OWP286T-20-6-ODP	20	1200	286T	24.80	7.00	5.50	9.5	11.0	14.3	14.0	0.00	4.62	1.875	1.591	0.500	3.28	1.50	S	
OWP324T-25-6-ODP	25	1200	324T	27.10	8.00	6.25	10.5	12.0	16.1	15.4	0.00	5.25	2.125	1.845	0.500	3.91	2.00	S	
OWP326T-30-6-ODP	30	1200	326T	27.10	8.00	6.25	10.5	12.0	16.1	15.4	0.00	5.25	2.125	1.845	0.500	3.91	2.00	S	
OWP365T-40-6-ODP	40	1200	365T	29.30	9.00	7.00	11.3	12.3	18.1	17.2	0.00	5.88	2.375	2.021	0.625	4.28	3.00	S	
OWP404T-50-6-ODP	50	1200	404T	33.30	10.00	8.00	12.3	13.8	21.0	20.3	0.00	7.25	2.875	2.450	0.750	5.65	3.00	S	
OWP405T-60-6-ODP	60	1200	405T	33.30	10.00	8.00	12.3	13.8	21.0	20.3	0.00	7.25	2.875	2.450	0.750	5.65	3.00	S	
OWP405T-75-6-ODP	75	1200	405T	22.30	10.00	8.00	12.3	13.8	21.0	20.3	0.00	7.25	2.875	2.450	0.750	5.65	3.00	S	
OWP444T-100-6-ODP	100	1200	444T	39.50	11.00	9.00	14.5	16.5	22.6	23.3	0.00	8.50	3.375	2.880	0.875	6.91	3.00	S	

OIL WELL
DESIGN D

Dimensions—VHS V1 Series

10 HP—500 HP VERTICAL HOLLOW SHAFT INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
THREE-PHASE
V1 SERIES

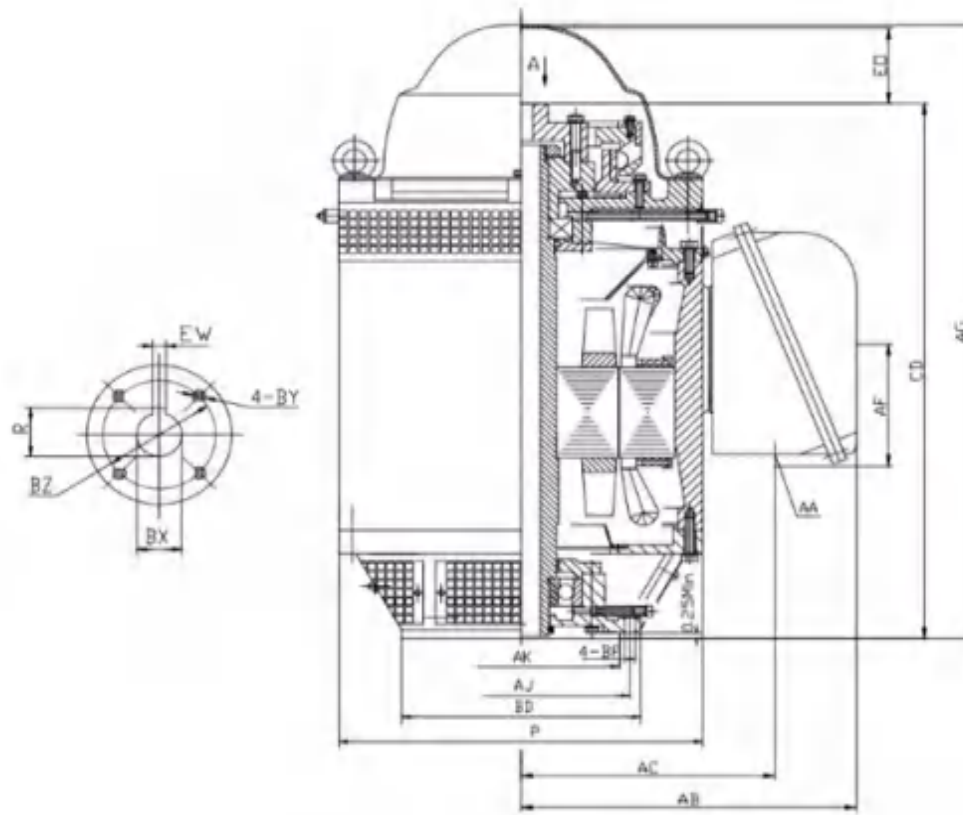


Diagram T

Model Number	HP	RPM	Frame	Mounting Dimensions																	Mount / Coupling	Diagram
				P	AK	AJ	AG	BD	N*BF	BX	BY	BZ	CD	R	EO>	EW	AA	AB	AC	AF		
V1-10D4-W21510A	10	1750	215TP	15.2	8.3	9.13	22	10.00	0.44	1	10-32	1	18	1.114	4.06	0.25	1" NPT	14.06	10.6	5.83	1.0"	T
V1-15D4-W25410A	15	1770	254TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-20D4-W25610A	20	1770	256TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-25D4-W28410A	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-25D4-W28410B	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V1-30D4-W28610A	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-30D4-W28610B	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V1-30D4-W28610B	30	1770	286TP	17.3	13.5	14.75	29	16.50	0.69	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V1-40D4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25	T
V1-40D4-W32416B	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V1-40D4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25	T
V1-50D4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25	T
V1-50D4-W32616B	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V1-50S4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25	T
V1-60D4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25	T
V1-60D4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V1-60S4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25	T
V1-60S4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V1-75D4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25	T
V1-75D4-W36516B	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V1-75S4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25	T
V1-100D4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	1	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5	T
V1-100D4-W40416B	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	1.188	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.188"	T
V1-100S4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	1	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5	T
V1-100S4-W40416A-EHT	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5	T
V1-125S4-W40516A	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5	T
V1-125S4-W40516A-EHT	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5	T
V1-150S4-W44416A	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69	T
V1-150S4-W44416A-EHT	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69	T
V1-200S4-W44516A	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69	T
V1-200S4-W44516A-EHT	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69	T
V1-250S4-W44516A	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V1-250S4-W44516A-EHT	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V1-300S4-W5008P	300	1780	5008P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69	T
V1-350S4-W5008P	350	1780	5008P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69	T
V1-400S4-W5008P	400	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	1.937	1/4-20	3	54	2.161	8.1	0.5	3" NPT	27.38	22.24	7.87	1.938"	T
V1-450S4-W5008P	450	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T
V1-500S4-W5008P	500	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T

Dimensions—VHS V2 Series

10 HP—500 HP VERTICAL HOLLOW SHAFT INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
THREE-PHASE
V2 SERIES

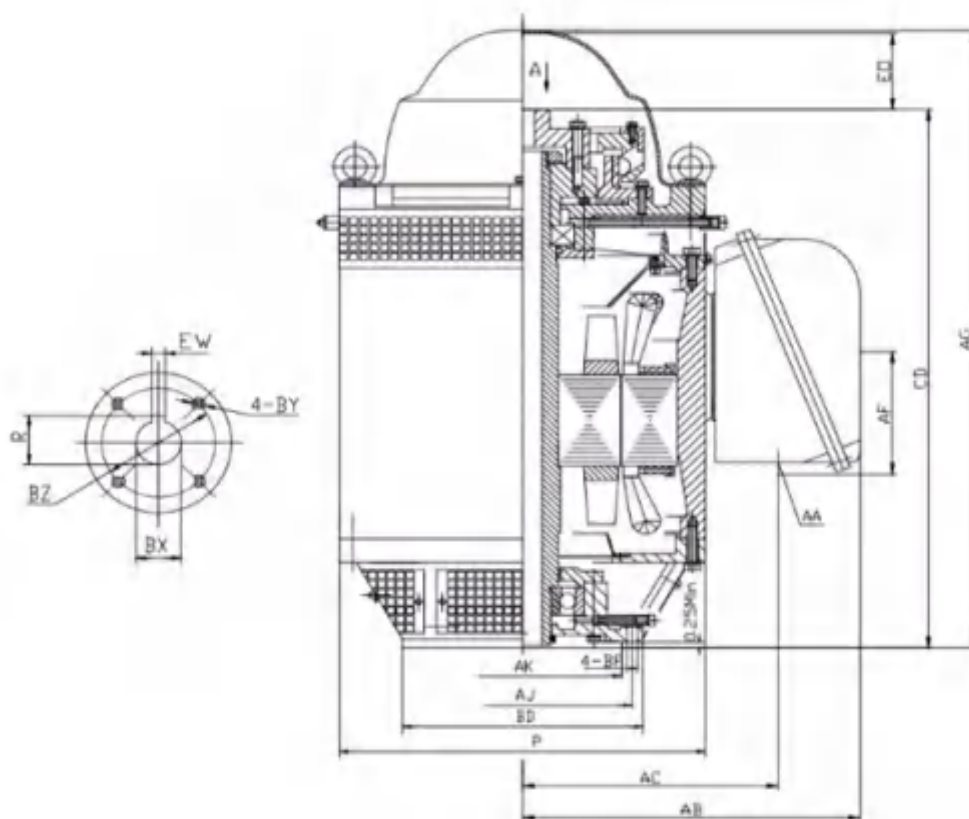


Diagram T

Model Number	HP	RPM	Frame	Mounting Dimensions																	Mount / Coupling	Diagram
				P	AK	AJ	AG	BD	N*BF	BX	BY	BZ	CD	R	EO>	EW	AA	AB	AC	AF		
V2-10D4-W21510A	10	1750	215TP	15.2	8.3	9.13	22	10.00	0.44	1	10-32	1	18	1.114	4.06	0.25	1" NPT	14.06	10.6	5.83	1.0"	T
V2-15D4-W25410A	15	1770	254TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-20D4-W25610A	20	1770	256TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-25D4-W28410A	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-25D4-W28410B	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V2-30D4-W28610A	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-30D4-W28610B	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V2-40D4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-40D4-W32416B	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.304	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V2-40S4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-50D4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-50D4-W32616B	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.304	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V2-50S4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-60D4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-60D4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V2-60S4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-60S4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V2-75D4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-75D4-W36516B	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V2-75S4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-100D4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-100D4-W40416B	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	1.188	1/4-20	2	37	1.304	6.46	0.25	3" NPT	20.70	16.18	7.56	1.188"	T
V2-100S4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-100S4-W40416A-EHT	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-125S4-W40516A	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-125S4-W40516A-EHT	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-150S4-W44416A	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-150S4-W44416A-EHT	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-200S4-W44516A	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-200S4-W44516A-EHT	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-250S4-W44516A	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V2-250S4-W44516A-EHT	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V2-300S4-W500824A-EHT	300	1780	5008P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69"	T
V2-350S4-W500824A-EHT	350	1780	5008P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69"	T
V2-400S4-W500824A-EHT	400	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	1.937	1/4-20	3	54	2.161	8.1	0.5	3" NPT	27.38	22.24	7.87	1.938"	T
V2-450S4-W500824A-EHT	450	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T
V2-500S4-W500824A-EHT	500	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T

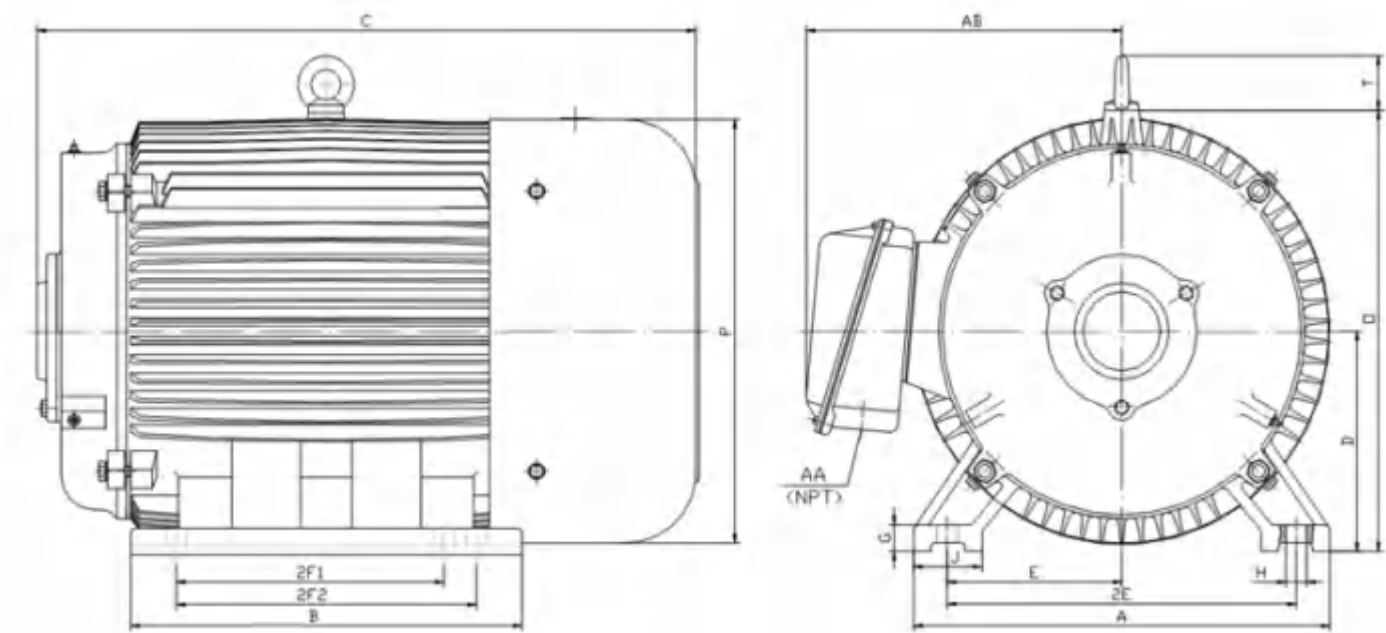


Diagram U

Model Number	HP	RPM	Frame	Motor Dimensions								Flange	Shaft		Keyway			AA	Diagram
				C	D	E	2F1	2F2	O	P	AJ		N-W	U	R	S	ES		
PC182T-3-4	3	1800	182	12.35	4.50	3.75	4.5	N/A	9.1	8.7	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
PC184T-5-4	5	1800	184	13.35	4.50	3.75	4.5	5.5	9.1	8.7	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
PC213T-7.5-4	7.5	1800	213	15.52	5.25	4.25	5.5	N/A	10.5	10.2	0.00	N/A	N/A	N/A	N/A	N/A	N/A	1.00	U
PC215T-10-4	10	1800	215	17.02	5.25	4.25	5.5	7.0	10.5	10.2	0.00	N/A	N/A	N/A	N/A	N/A	N/A	1.00	U
PC254T-15-4	15	1800	254	19.20	6.25	5.00	8.3	N/A	13.0	12.4	0.00	N/A	N/A	N/A	N/A	N/A	N/A	1.25	U
PC256T-20-4	20	1800	256	21.00	6.25	5.00	8.3	10.0	13.0	12.4	0.00	N/A	N/A	N/A	N/A	N/A	N/A	1.25	U
PC284T-25-4	25	1800	284	21.98	7.00	5.50	9.5	N/A	14.5	14.0	0.00	N/A	N/A	N/A	N/A	N/A	N/A	1.50	U
PC286T-30-4	30	1800	286	23.48	7.00	5.50	9.5	11.0	14.5	14.0	0.00	N/A	N/A	N/A	N/A	N/A	N/A	1.50	U
PC324T-40-4	40	1800	324	24.55	8.00	6.25	10.5	N/A	15.9	15.7	0.00	N/A	N/A	N/A	N/A	N/A	N/A	2.00	U
PC326T-50-4	50	1800	326	26.05	8.00	6.25	10.5	12.0	15.9	15.7	0.00	N/A	N/A	N/A	N/A	N/A	N/A	2.00	U
PC364T-60-4	60	1800	364	26.62	9.00	7.00	11.3	N/A	18.1	17.6	0.00	N/A	N/A	N/A	N/A	N/A	N/A	3.00	U

PHASE
CONVERTER

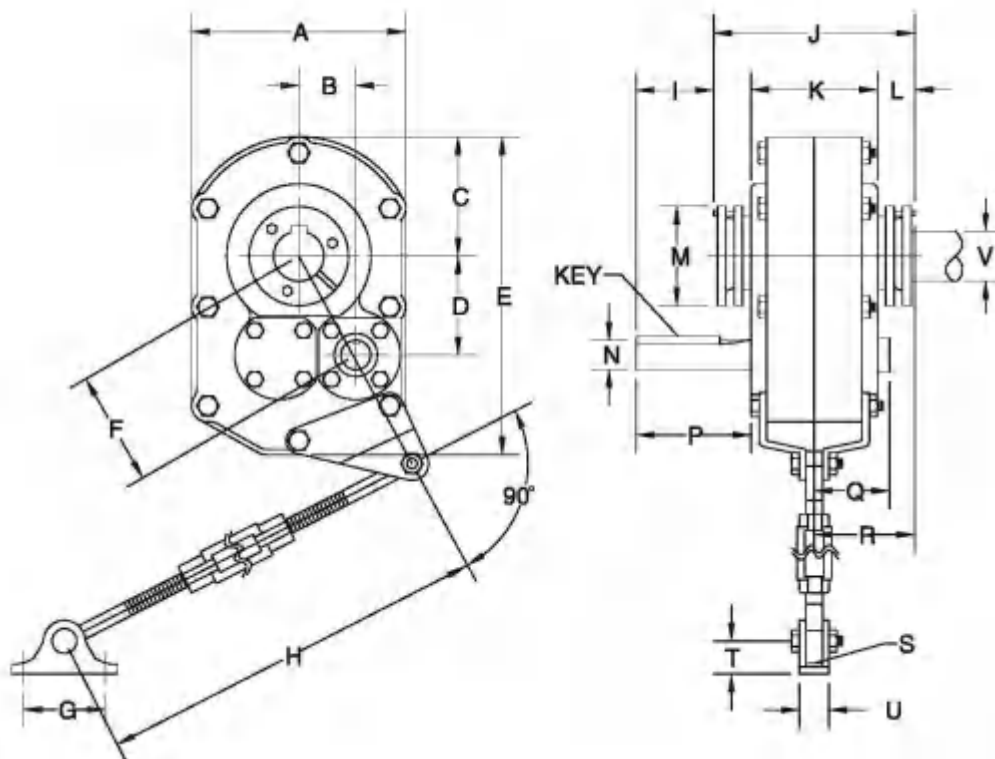
Dimensions—Shaft Mount Reducer

SMR, Torque Arms

2—10 BOX SIZE

GEAR REDUCER

15:1 or 25:1 RATIO



SMR

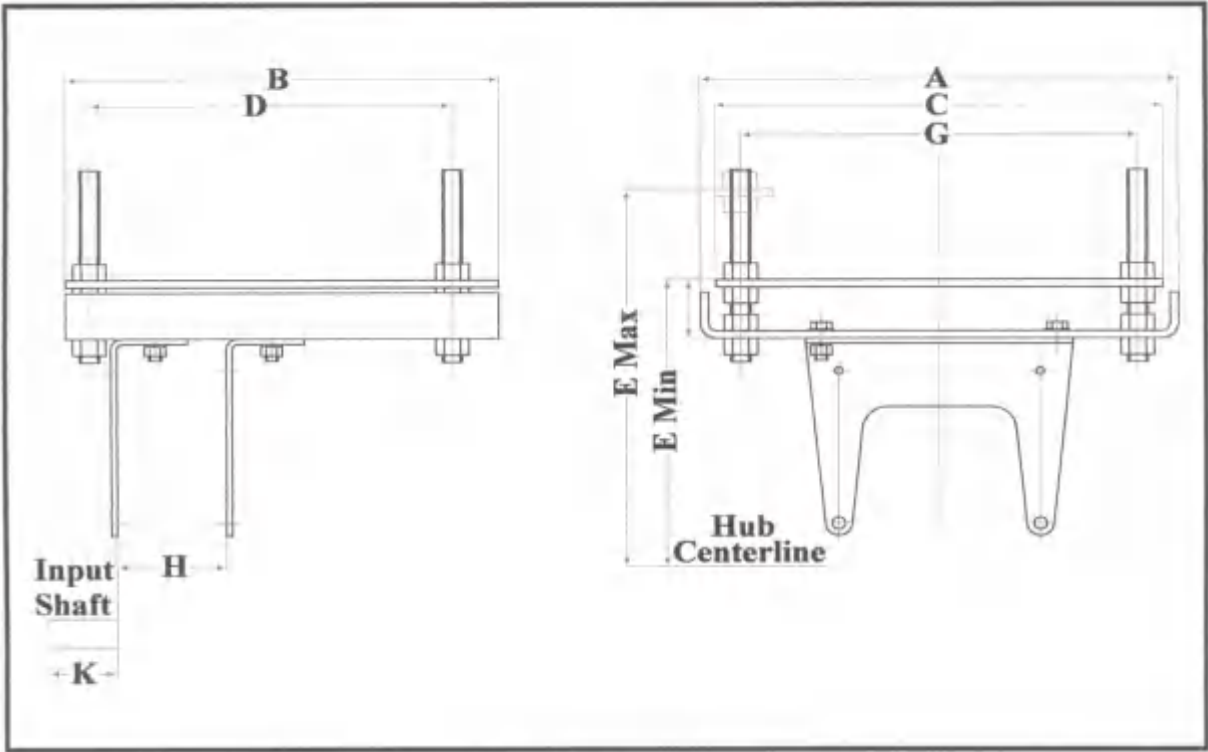
Box Size	A	B	C	D	E	F	G	H Min/Max	I	J	K
2	8.38	2.14	4.09	3.75	11.41	4.32	3.00	26.94/32.94	2.22	7.32	4.50
3	9.25	2.33	4.84	4.17	12.88	4.78	3.00	26.94/32.94	2.34	9.22	5.63
4	10.38	2.76	5.50	4.79	15.13	5.53	4.00	29.19/35.14	3.44	9.98	6.13
5	13.13	3.04	6.56	5.67	18.31	6.43	4.00	29.19/35.19	3.44	10.52	6.31
6	15.43	4.09	7.56	6.73	21.31	7.88	4.75	29.19/35.19	3.73	11.53	6.88
7	18.75	5.11	9.38	8.30	25.94	9.74	4.75	29.44/35.44	3.75	12.85	7.75
8	20.25	6.03	10.13	9.50	28.25	11.25	7.00	30.00/36.00	4.31	14.03	8.37
9	22.63	6.59	11.31	10.81	31.69	12.66	7.00	30.00/36.00	6.52	14.12	8.27
10	25.50	6.59	12.75	12.50	35.00	14.13	7.00	30.00/36.00	6.53	15.30	9.55

Box Size	L	M	O	R	S	T	U	V Max Dia	Input Shaft			Approximate Weight (LBS)
									N Dia	P	Key	
2	1.40	4.06	2.89	3.68	0.44	1.06	1.25	1 15/16	1.13	3.59	1/4x1/4x2-1/2	58
3	1.59	4.38	3.30	3.72	0.44	1.06	1.25	2 3/16	1.25	4.34	1/4x1/4x2-7/8	98
4	1.72	4.81	3.41	3.91	0.50	1.75	1.44	2 7/16	1.44	5.57	3/8x3/8x4-1/16	139
5	1.91	5.63	4.45	5.05	0.50	1.75	1.44	2 15/16	1.94	5.74	1/2x1/2x4-11/2	207
6	2.30	6.13	4.57	5.73	0.63	2.00	2.75	3 7/16	2.19	6.08	1/2x1/2x4-1/2	285
7	2.50	7.25	4.69	6.38	0.63	2.00	2.75	3 15/16	2.44	6.35	5/8x5/8x4-3/4	462
8	2.86	7.75	5.85	7.04	0.75	3.13	4.00	4 7/16	2.44	7.11	5/8x5/8x5-3/8	633
9	2.81	8.75	6.01	7.02	0.75	3.13	4.00	4 15/16	2.44	9.65	5/8x5/16x7-3/4	760
10	2.78	10.13	6.27	7.66	0.75	3.13	4.00	5 7/16	2.69	9.50	5/8x5/16x7-7/8	1020

Dimensions—Shaft Mount Reducer
Motor Mount

2—10 BOX SIZE
GEAR REDUCER

15:1 or 25:1 RATIO



Dimensions—Inches

Box Size	NEMA Frame	Model Frame	A	B	C	D	E		F	G	H	J	K	Approx. Weight
							Min.	Max.						
2	56T-215T	MM2	14.6457	11.02	13.54	9.25	10.35	14.76	1.65	12	3.35	M16 x 185	4.25	37
3	56T-215T	MM3	14.6457	11.02	13.54	9.25	11.5	15.83	1.65	12	4.29	M16 x 189	4.88	39
4	143T-286T	MM4	18.6614	17.01	17.48	14.25	11.81	16.65	2.05	15.5	4.61	M20 x M210	6.06	75
5	143T-286T	MM5	18.6614	17.01	17.48	14.25	12.76	17.56	2.05	15.5	4.41	M20 x 210	6.61	77
6	143T-326T	MM6	20.4724	18.5	19.29	16.5	14.49	19.21	2.13	17.5	4.53	M20 x 210	7.24	99

NOTE: Box sizes 7—10 are available, please call 800-884-0404 for dimensions

Appendix—Shaft Mount Reducer

Class 1 Chart

.5 HP—200 HP
GEAR REDUCER

15:1 or 25:1 RATIO

CLASS 1 CHART

HP	Output RPM	Reducer Selection		Minimum Sheave Dia.
0.5	2-6	NBS-115-2-25		3
0.75	4-5	NBS-203-3-25		4
	6-10	NBS-115-2-25		3
1	4-5	NBS-207-4-25		4.6
	6-7	NBS-203-3-25		4
	8-15	NBS-115-2-25		3
1.5	4	NBS-215-5-25		5.4
	5-7	NBS-207-4-25		4.6
	8-12	NBS-203-3-25		4
	13-23	NBS-115-2-25		3
2	4-6	NBS-215-5-25		5.4
	7-10	NBS-207-4-25		4.6
	11-17	NBS-203-3-25		4
	18-32	NBS-115-2-25	NBS-115-2-15	3
3	4-5	NBS-307-6-25		6.2
	6-10	NBS-215-5-25		5.4
	11-15	NBS-207-4-25		4.6
	16-26	NBS-203-3-25		4
	27-51	NBS-115-2-25	NBS-115-2-15	3
5	5-6	NBS-315-7-25		6.2
	7-9	NBS-307-6-25		6.2
	10-17	NBS-215-5-25		5.4
	18-26	NBS-207-4-25	NBS-207-4-15	4.6
	27-46	NBS-203-3-25	NBS-203-3-15	4
	47-70	NBS-115-2-25	NBS-115-2-15	3
7.5	71-85	NBS-115-2-25	NBS-115-2-15	3
	86-92		NBS-115-2-15	3
	4-6	NBS-407-8-25		6.2
	7-9	NBS-315-7-25		6.2
	10-15	NBS-307-6-25		6.2
	16-26	NBS-215-5-25		5.4
	27-40	NBS-207-4-25	NBS-207-4-15	4.6
	41-70	NBS-203-3-25	NBS-203-3-15	4
10	71-74	NBS-203-3-25	NBS-203-3-15	4
	75-85	NBS-115-2-25	NBS-115-2-15	3
	86-95	NBS-115-2-15		3
	96-140	NBS-115-2-15		3
	5		NBS-415-9-25	8
	6-8	NBS-407-8-25		6.2
	9-12	NBS-315-7-25		6.2
	13-20	NBS-307-6-25		6.2
	21-36	NBS-215-5-25	NBS-207-4-15	5.4
	37-56	NBS-207-4-25	NBS-203-3-15	4.6
15	57-70	NBS-203-3-25	NBS-203-3-15	4
	71-85	NBS-203-3-25	NBS-203-3-15	4
	86-103	NBS-203-3-15		4
	104-115	NBS-115-2-15		3
	141-158	NBS-115-2-15		3
	9-13	NBS-407-8-25		6.2
	5-6	NBS-507-10-25		8.5
	7-8	NBS-415-9-25		8
	14-19	NBS-315-7-25		6.2
	20-32	NBS-307-6-25	NBS-307-7-15	6.2

*Additional cooling provisions may be required, consult the factory with application details

HP	Output RPM	Reducer Selection		Minimum Sheave Dia.
20	7-8	NBS-507-10-25		8.5
	9-12	NBS-415-9-25		8
	13-18	NBS-407-8-25		6.2
	19-26	NBS-315-7-25	NBS-315-7-15	6.2
	27-45	NBS-307-6-25	NBS-307-6-15	6.2
	46-70	NBS-215-5-25	NBS-215-5-15	5.4
	71-78	NBS-215-5-25	NBS-215-5-15	5.4
	79-85	NBS-207-4-25	NBS-207-4-15	4.6
	86-115	NBS-207-4-15		4.6
	116-140	NBS-207-4-15*		4.6
25	8-10	NBS-507-10-25		8.5
	11-15	NBS-415-9-25		8
	16-23	NBS-407-8-25		6.2
	24-33	NBS-315-7-25	NBS-315-7-15	6.2
	34-59	NBS-307-6-25	NBS-307-6-15	6.2
	60-70	NBS-215-5-25*	NBS-215-5-15	5.4
	71-80	NBS-215-5-25*	NBS-215-5-15	5.4
	81-101	NBS-215-5-15*		5.4
	102-132	NBS-207-4-15*		4.6
	133-140	NBS-207-4-15*		4.6
30	10-13	NBS-507-10-25		8.5
	14-19	NBS-415-9-25		8
	20-28	NBS-407-8-25	NBS-407-8-15	6.2
	29-41	NBS-315-7-25	NBS-315-7-15	6.2
	42-70	NBS-307-7-25	NBS-307-6-15	6.2
	71-75	NBS-307-7-25	NBS-307-6-15	6.2
	76-115	NBS-215-5-15*		5.4
	116-125	NBS-215-5-15*		5.4
	13-18	NBS-507-10-25		8.5
	19-25	NBS-415-9-25	NBS-415-9-15	8
40	26-38	NBS-407-8-25	NBS-407-8-15	6.2
	39-57	NBS-315-7-25	NBS-315-7-15	6.2
	58-70	NBS-307-6-25	NBS-307-6-15	6.2
	71-81	NBS-307-6-25*	NBS-307-6-15*	6.2
	82-114	NBS-307-6-15*		6.2
	115-125	NBS-215-5-15*		5.4
	16-22	NBS-507-10-25		8.5
	23-32	NBS-415-9-25	NBS-415-9-15	8
	33-49	NBS-407-8-25	NBS-407-8-15	6.2
	50-70	NBS-315-7-25	NBS-315-7-15	6.2
50	71-74	NBS-315-7-25	NBS-315-7-15	6.2
	75-125	NBS-307-6-15*		6.2
	19-27	NBS-507-10-25	NBS-507-10-15	8.5
	28-39	NBS-415-9-25	NBS-415-9-15	8
	40-60	NBS-407-8-25	NBS-407-8-15	6.2
	61-70	NBS-315-7-25*	NBS-315-7-15*	6.2
	71-120	NBS-315-7-15*		6.2
	24-34	NBS-507-10-25	NBS-507-10-15	8.5
	35-50	NBS-415-9-25	NBS-415-9-15	8
	51-70	NBS-407-8-25	NBS-407-8-15	6.2
75	71-78		NBS-407-8-15*	6.2
	79-120	NBS-315-7-15*		6.2
	32-46	NBS-507-10-25	NBS-507-10-15	8.5
	47-69	NBS-415-9-25*	NBS-415-9-15*	8
	70-120		NBS-407-8-15*	6.2
	41-59	NBS-507-10-25	NBS-507-10-15	8.5
	60-70	NBS-415-9-15*	NBS-415-9-25*	8
	71-90	NBS-415-9-15*		8
	91-123		NBS-407-8-15*	6.2
	50-70	NBS-507-10-25	NBS-507-10-15	8.5
100	71-75	NBS-507-10-15*	NBS-507-10-25*	8.5
	76-80	NBS-507-10-15*		8.5
	81-120	NBS-415-9-15*		8
	69-120	NBS-507-10-15*		8.5

Appendix—Shaft Mount Reducer

Class 2 Chart

.5 HP—150 HP GEAR REDUCER

15:1 or 25:1 RATIO

CLASS 2 CHART

HP	Output RPM	Reducer Selection		Minimum Sheave Dia.
0.5	4-5	NBS-203-3-25		4
	6-9	NBS-115-2-25		3
0.75	4-5	NBS-207-4-25		4.6
	6-8	NBS-203-3-25		4
	9-16	NBS-115-2-25		3
1	5-7	NBS-207-4-25		4.6
	8-11	NBS-203-3-25		4
	12-22	NBS-115-2-25		3
1.5	5-6	NBS-215-5-25		5.4
	7-11	NBS-207-4-25		4.6
	12-18	NBS-203-3-25		4
	19-34	NBS-115-2-25	NBS-115-2-15	3
2	4-5	NBS-307-6-25		6.2
	6-9	NBS-215-5-25		5.4
	10-14	NBS-207-4-25		4.6
	15-24	NBS-203-3-25	NBS-203-3-15	4
	25-47	NBS-115-2-25	NBS-115-2-15	3
3	4-5	NBS-315-7-25		6.2
	6-8	NBS-307-6-25		6.2
	9-14	NBS-215-5-25		5.4
	15-22	NBS-207-4-25	NBS-207-4-15	4.6
	23-38	NBS-203-3-25	NBS-203-3-15	4
	39-70	NBS-115-2-25	NBS-115-2-15	3
	71-75	NBS-115-2-25	NBS-115-2-15	3
5	4-6	NBS-407-8-25		6.2
	7-8	NBS-315-7-25		6.2
	9-14	NBS-307-6-25		6.2
	15-24	NBS-215-5-25		5.4
	25-37	NBS-207-4-25	NBS-207-4-15	4.6
	38-69	NBS-203-3-25	NBS-203-3-15	4
	70-85	NBS-115-2-25	NBS-115-2-15	3
	86-89	NBS-115-2-25		3
	90-136	NBS-115-2-25		3
7.5	5	NBS-415-9-25		8
	6-9	NBS-407-8-25		6.2
	10-13	NBS-315-7-25		6.2
	14-21	NBS-307-6-25		6.2
	22-38	NBS-215-5-25	NBS-215-5-15	5.4
	39-59	NBS-207-4-25	NBS-207-4-15	4.6
	60-70	NBS-203-3-25	NBS-203-3-15	4
	71-85	NBS-203-3-25	NBS-203-3-15	4
	86-110	NBS-203-3-15		4
	111-122	NBS-115-2-15		3
	123-140	NBS-115-2-15		3
10	5	NBS-507-10-25		8.5
	6-7	NBS-415-9-25		8
	8-12	NBS-407-8-25		6.2
	13-18	NBS-315-7-25		6.2
	19-29	NBS-307-6-25	NBS-307-6-15	6.2
	30-52	NBS-215-5-25	NBS-215-5-15	5.4
	53-70	NBS-207-4-25	NBS-207-4-15	4.6
	71-84	NBS-207-4-25	NBS-207-4-15	4.6
	85-130	NBS-203-3-15		4
	131-140	NBS-203-3-15		4
15	7-9	NBS-507-10-25		8.5
	10-12	NBS-415-9-15		8
	13-19	NBS-407-8-25		6.2
	20-27	NBS-315-7-25		6.2
	28-47	NBS-307-6-25	NBS-307-6-15	6.2
	48-70	NBS-215-5-25	NBS-215-5-15	5.4
	71-82	NBS-215-5-25	NBS-215-5-15	5.4
	83-117	NBS-207-4-15		4.6
	118-140	NBS-207-4-15		4.6

HP	Output RPM	Reducer Selection		Minimum Sheave Dia.
20	9-12	NBS-507-10-25		8.5
	13-17	NBS-415-9-25		8
	18-26	NBS-407-8-25		6.2
	27-38	NBS-315-7-25	NBS-315-7-15	6.2
	39-68	NBS-307-6-25	NBS-307-6-15	6.2
	69-80	NBS-215-5-25	NBS-215-5-15	5.4
	81-89		NBS-215-5-15	5.4
	91-117	NBS-215-5-15*		5.4
25	118-125	NBS-207-4-15*		4.6
	11-15	NBS-507-10-25		8.5
	16-22	NBS-415-9-25		8
	23-33	NBS-407-8-25	NBS-407-8-15	6.2
	34-49	NBS-315-7-25	NBS-315-7-15	6.2
	50-80	NBS-307-6-25	NBS-307-6-15	6.2
	81-94	NBS-307-6-15		6.2
	95-125	NBS-215-5-15*		5.4
30	13-19	NBS-507-10-25		8.5
	20-27	NBS-415-9-25	NBS-415-9-15	8
	28-41	NBS-407-8-25	NBS-407-8-15	6.2
	42-60	NBS-315-7-25	NBS-315-7-15	6.2
	61-76	NBS-307-6-25	NBS-307-6-15	6.2
	77-89	NBS-307-6-15		6.2
	90-125	NBS-307-6-15*		6.2
40	18-25	NBS-507-10-25		8.5
	26-36	NBS-415-9-25	NBS-415-9-15	8
	37-56	NBS-407-8-25	NBS-407-8-15	6.2
	57-75	NBS-315-7-25	NBS-315-7-15	6.2
	76-88		NBS-315-7-15	6.2
	89-114	NBS-307-6-15*		6.2
	115-120	NBS-307-6-15*		6.2
50	22-32	NBS-507-10-25	NBS-507-10-15	8.5
	33-46	NBS-415-9-25	NBS-415-9-15	8
	47-70	NBS-407-8-25	NBS-407-8-15	6.2
	71-72	NBS-407-8-25	NBS-407-8-15	6.2
	73-95		NBS-315-7-15*	6.2
	96-110	NBS-315-7-15*		6.2
	111-120	NBS-315-7-15*		6.2
60	27-39	NBS-507-10-25	NBS-507-10-15	8.5
	40-56	NBS-415-9-25	NBS-415-9-15	8
	57-70	NBS-407-8-25	NBS-407-8-15	6.2
	71-75	NBS-407-8-25	NBS-407-8-15	6.2
	76-89		NBS-407-8-15	6.2
	90-120	NBS-315-7-15*		6.2
	34-49	NBS-507-10-25	NBS-507-10-15	8.5
75	50-73	NBS-415-9-25	NBS-415-9-15	8
	74-75	NBS-407-8-25	NBS-407-8-15	6.2
	76-120		NBS-407-8-15*	6.2
100	46-67	NBS-507-10-25	NBS-507-10-15	8.5
	68-75	NBS-415-9-15*	NBS-415-9-25*	8
	76-103	NBS-415-9-15*		8
125	59-75	NBS-507-10-25	NBS-507-10-15	8.5
	76-85	NBS-507-10-15		8.5
	86-120	NBS-415-9-15*		8
150	73-75	NBS-507-10-15*	NBS-507-10-25*	8.5
	76-120	NBS-507-10-15*		8.5

*Additional cooling provisions may be required, consult the factory with application details

Appendix—Shaft Mount Reducer

Class 3 Chart

.25 HP—125 HP
GEAR REDUCER

15:1 or 25:1 RATIO

CLASS 3 CHART

HP	Output RPM	Reducer Selection		Minimum Sheave Dia.
0.25	4-6	NBS-115-2-25		3
0.33	5-9	NBS-115-2-25		3
0.5	4-5	NBS-207-4-25		4.6
	6-7	NBS-203-3-25		4
	8-15	NBS-115-2-25		3
0.75	4.00	NBS-215-5-25		5.4
	5-7	NBS-207-4-25		4.6
	8-12	NBS-203-3-25		4
	13-23	NBS-115-2-25		3
1	4-6	NBS-215-5-25		5.4
	7-10	NBS-207-4-25		4.6
	11-17	NBS-203-3-25		4
	18-32	NBS-115-2-25		3
1.5	4-5	NBS-307-6-25		6.2
	6-10	NBS-215-5-25		5.4
	11-15	NBS-207-4-25		4.6
	16-26	NBS-203-3-25		4
	27-51	NBS-115-2-25	NBS-115-2-15	3
2	5-7	NBS-307-6-25		6.2
	8-13	NBS-215-5-25		5.4
	14-21	NBS-207-4-25		4.6
	22-36	NBS-203-3-25	NBS-203-3-15	4
3	37-71	NBS-115-2-25	NBS-115-2-15	3
	4-5	NBS-407-8-25		6.2
	6-7	NBS-315-7-25		6.2
	8-12	NBS-307-6-25		6.2
	13-20	NBS-215-5-25		5.4
	21-32	NBS-207-4-25	NBS-207-4-15	4.6
	33-57	NBS-203-3-25	NBS-203-3-15	4
	58-70	NBS-115-2-25	NBS-115-2-15	3
	71-85	NBS-115-2-25	NBS-115-2-15	3
	86-89	NBS-115-2-15		3
5	90-113	NBS-115-2-15		3
	5.00	NBS-415-9-25		8
	6-8	NBS-407-8-25		6.2
	9-12	NBS-315-7-25		6.2
	13-20	NBS-307-6-25		6.2
	21-36	NBS-215-5-25	NBS-215-5-15	5.4
	37-56	NBS-207-4-25	NBS-207-4-15	4.6
	57-70	NBS-203-3-25	NBS-203-3-15	4
	71-85	NBS-203-3-25	NBS-203-3-15	4
	86-103	NBS-203-3-15		4
7.5	104-114	NBS-115-2-15		3
	115-140	NBS-115-2-15		3
	5-6	NBS-507-10-25		8.5
	7-8	NBS-415-9-25		8
	9-13	NBS-407-8-25		6.2
	14-19	NBS-315-7-25		6.2
	20-32	NBS-307-6-25	NBS-307-6-15	6.2
	33-56	NBS-215-5-25	NBS-215-5-15	5.4
	57-70	NBS-207-4-25	NBS-207-4-15	4.6
	71-85	NBS-207-4-25	NBS-207-4-15	4.6
9.5	86-93	NBS-207-4-15		4.6
	94-140	NBS-203-3-15		4

*Additional cooling provisions may be required, consult the factory with application details

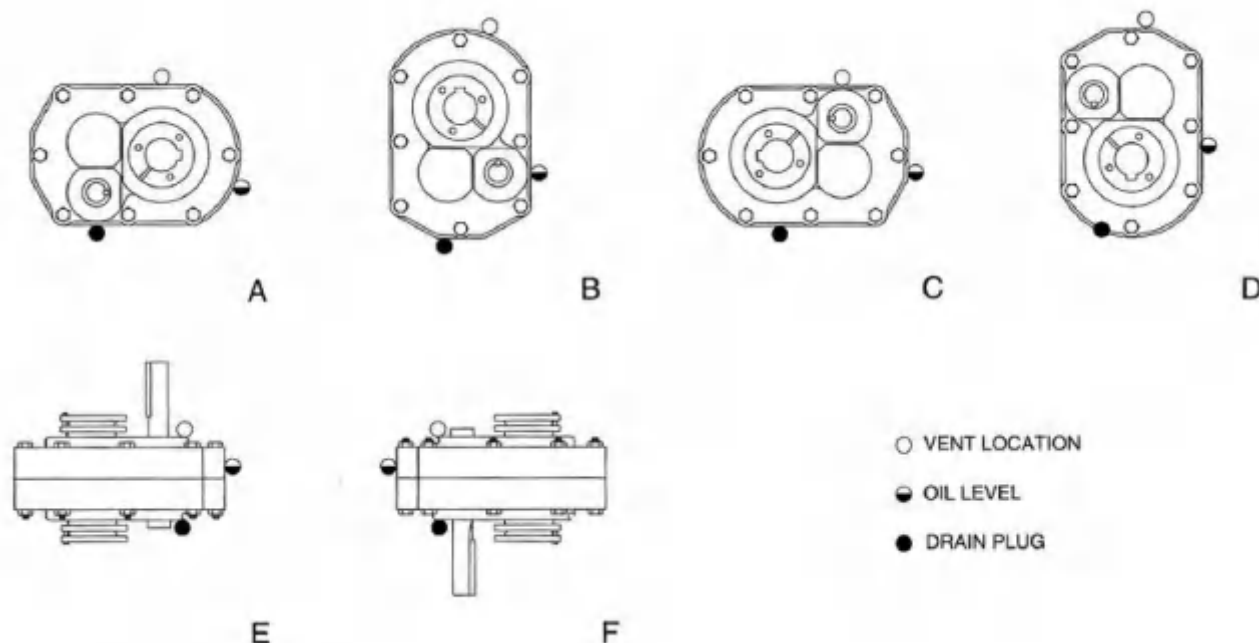
HP	Output RPM	Reducer Selection		Minimum Sheave Dia.
10	7-8	NBS-507-10-25		8.5
	9-12	NBS-415-9-25		8
	13-18	NBS-407-8-25		6.2
	19-26	NBS-315-7-25	NBS-315-7-15	6.2
	27-45	NBS-307-6-25	NBS-307-6-15	6.2
	46-70	NBS-215-5-25	NBS-215-5-15	5.4
	71-78	NBS-215-5-25	NBS-215-5-15	5.4
	79-92		NBS-207-4-15	4.6
	93-105	NBS-207-4-15		4.6
	106-141	NBS-207-4-15		4.6
15	10-13	NBS-507-10-25		8.5
	14-19	NBS-415-9-25		8
	20-28	NBS-407-8-25	NBS-407-8-15	6.2
	29-41	NBS-315-7-25	NBS-315-7-15	6.2
	42-70	NBS-307-6-25	NBS-307-6-15	6.2
	71-75	NBS-307-6-25	NBS-307-6-15	6.2
	76-93		NBS-215-5-15	5.4
	97-115	NBS-215-5-15		5.4
20	116-125	NBS-215-5-15		5.4
	13-18	NBS-507-10-25		8.5
	19-25	NBS-415-9-25	NBS-415-9-15	8
	26-38	NBS-407-8-25	NBS-407-8-15	6.2
	39-57	NBS-315-7-25	NBS-315-7-15	6.2
	58-70	NBS-307-6-25	NBS-307-6-15	6.2
	71-114	NBS-307-6-15		6.2
	115-125	NBS-215-5-15		5.4
25	16-22	NBS-507-10-25		8.5
	23-32	NBS-415-9-25	NBS-415-9-15	8
	33-49	NBS-407-8-25	NBS-407-8-15	6.2
	50-70	NBS-315-7-25	NBS-315-7-15	6.2
	71-74	NBS-315-7-25	NBS-315-7-15	6.2
	75-104	NBS-307-6-15		6.2
	105-113	NBS-307-6-15		6.2
	114-125	NBS-307-6-15	NBS-407-8-15	6.2
30	19-27	NBS-507-10-25	NBS-507-10-15	8.5
	28-39	NBS-415-9-25	NBS-415-9-15	8
	40-60	NBS-407-8-25	NBS-315-7-15	6.2
	61-70	NBS-315-7-25	NBS-315-7-15	6.2
	71-98		NBS-315-7-15	6.2
	99-125	NBS-307-6-15		6.2
	26-37	NBS-507-10-25	NBS-507-10-15	8.5
40	38-53	NBS-415-9-25	NBS-415-9-15	8
	54-70	NBS-407-8-25	NBS-407-8-15	6.2
	71-84		NBS-407-8-15	6.2
	85-89	NBS-315-7-15		6.2
	90-120	NBS-315-7-15		6.2
50	32-46	NBS-507-10-25	NBS-507-10-15	8.5
	47-69	NBS-415-9-25	NBS-415-9-15	8
	70-75	NBS-407-8-25	NBS-407-8-15	6.2
	76-110		NBS-407-8-15	6.2
	111-120	NBS-315-7-15		6.2
60	39-56	NBS-507-10-25	NBS-507-10-15	8.5
	57-75	NBS-415-9-25	NBS-415-9-15	8
	76-85		NBS-415-9-15	8
	86-115		NBS-407-8-15	6.2
75	50-72	NBS-507-10-25	NBS-507-10-15	8.5
	73-75	NBS-415-9-15*	NBS-415-9-25*	8
	76-120	NBS-415-9-15*		8
100	69-120		NBS-507-10-15	8.5
125	91-120	NBS-507-10-15*		8.5

Appendix—Shaft Mount Reducer

Oil Level

2—10 BOX SIZE GEAR REDUCER OIL LEVEL

15:1 or 25:1 RATIO



Box Size	Approximate Capacity (Quarts & Liters)					
Position	A	B	C	D	E	F
2	0.875 Quarts	1 Quarts	0.625 Quarts	1 Quarts	1.625 Quarts	1.75 Quarts
	0.83 Liters	0.95 Liters	0.59 Liters	0.95 Liters	1.54 Liters	1.66 Liters
3	1.5 Quarts	1.5 Quarts	0.75 Quarts	2.25 Quarts	2.625 Quarts	3 Quarts
	1.42 Liters	1.42 Liters	0.71 Liters	2.13 Liters	2.48 Liters	2.84 Liters
4	1.875 Quarts	2.25 Quarts	1.25 Quarts	1.75 Quarts	3.375 Quarts	4.25 Quarts
	1.77 Liters	2.13 Liters	1.18 Liters	1.66 Liters	3.19 Liters	4.02 Liters
5	3.25 Quarts	4 Quarts	3.25 Quarts	4 Quarts	7 Quarts	8.625 Quarts
	3.08 Liters	3.79 Liters	3.08 Liters	3.79 Liters	6.62 Liters	8.04 Liters
6	4.25 Quarts	5 Quarts	4.25 Quarts	5 Quarts	8.625 Quarts	9.125 Quarts
	4 Liters	4.7 Liters	4 Liters	4.7 Liters	8.2 Liters	8.6 Liters
7	6.5 Quarts	8 Quarts	7.25 Quarts	9.25 Quarts	15.375 Quarts	16.375 Quarts
	6.1 Liters	7.57 Liters	6.86 Liters	8.75 Liters	14.55 Liters	15.5 Liters
8	8.5 Quarts	11 Quarts	10.5 Quarts	8.5 Quarts	19.125 Quarts	19.125 Quarts
	8 Liters	10.4 Liters	9.94 Liters	8 Liters	18.10 Liters	18.1 Liters
9	13 Quarts	13 Quarts	12.5 Quarts	14.25 Quarts	25.375 Quarts	25.375 Quarts
	12.3 Liters	12.3 Liters	11.83 Liters	13.48 Liters	24 Liters	24 Liters
10	23 Quarts	14 Quarts	15.75 Quarts	18.75 Quarts	41 Quarts	41 Quarts
	21.75 Liters	13.25 Liters	14.90 Liters	17.75 Liters	38.8 Liters	38.8 Liters

CAUTION

North American Electric's Shaft Mount Reducers are shipped without oil. The reducer must be filled with the proper amount of oil according to the mounting position table shown above. Failure to fill the case with oil could result in the failure of the reducer and damage to the associated equipment.

Appendix—Explosion Proof Motors

Hazardous Location Definitions

143T—449T FRAME EXPLOSION PROOF MOTORS

HAZARDOUS LOCATION DEFINITIONS

HAZARDOUS LOCATION

An area where the possibility of explosion and fire is created by the presence of flammable gases, vapors, fibers, or flyings.

DIVISION 1

Division 1 in the normal situation; the hazard would be expected to be present in everyday production operations or during frequent repair and maintenance activity.

DIVISION 2

Division 2 in the abnormal situation; material is expected to be confined within closed containers or closed systems and will be present only through accidental rupture, breakage or unusual faulty operation.

CLASS I

Those areas in which flammable gases or vapors may be present in the air in sufficient quantities to be explosive or ignitable.

CLASS II

Those areas made hazardous by the presence of combustible dust.

CLASS III

Those areas in which there are easily ignitable fibers or flyings present, due to type of material being handled, stored or processed.

GROUPS	The gases and vapors of Class locations are broken into four groups by the codes A, B, C and D. These materials are grouped according to the ignition temperature of the substance, its explosion pressure and other flammable characteristics.		Group A	Acetylene
			Group B	Hydrogen
			Group C	Ethyl-Ether, Ethylene, Cycle Propane
			Group D	Gasoline, Hexane, Naptha, Benzene, Butane, Propane, Alcohol, Lacquer Solvent Vapors, Natural Gas
	Class II - dust locations - groups E, F & G. These groups are classified according to the ignition temperature and the conductivity of the hazardous substance.		Group E	Metal Dust
			Group F	Carbon Black, Coal, Coke Dust
			Group G	Flour, Starch, Grain Dust
OPERATING TEMP. CODES	Maximum Temperature		Temperature	NOTES
	Degrees C	Degrees F	Code	
	450	842	T1	
	300	572	T2	
	280	536	T2A	
	260	500	T2B	
	230	446	T2C	
	215	419	T2D	
	200	392	T3	
	180	356	T3A	
	165	329	T3B	
	160	320	T3C	
	135	275	T4	
	120	248	T4C	
	100	212	T5	
	85	185	T6	

NOTES

- 1) NAE offers Class I and Class II only. NAE does not offer Group A or B.
- 2) Refer to Base List Price Section for available ratings.
- 3) Orders for Explosion-Proof Motors must specify division, class, group and temperature code.

* These are simplified definitions – refer to National Electrical Code (NEC), Article 500 for complete definitions

MOTOR WARRANTY POLICY & PROCEDURES

NO-FAULT WARRANTY POLICY

Motors with frame sizes 215T and smaller are covered under our “No-Fault Warranty”. The warranty period is 24 months from the date of invoice. This special limited warranty is offered one time per end-user, per application. If there is more than one failure, please follow our standard limited warranty policy and procedure and contact our warranty department for assistance. For information regarding this warranty policy you may contact our customer service department at (800) 884-0404 or visit our website at www.naemotors.com.

North American Electric’s liability under this warranty or any other warranty, expressed or implied, in law or fact, shall be limited to the replacement of the motor, and in no event shall North American Electric, Inc. be liable for consequential or indirect damages, including freight.

When filing a claim under our “No Fault Warranty”, you must provide the following documentation to ensure your claim is processed in a timely manner.

- Original nameplate from the failed motor
- Copy of the original North American Electric, Inc. invoice or the invoice number for the failed motor
- A brief description of the failure for quality control purposes

Note: Please make a legible photo copy of the nameplate from the failed motor for your records.

STANDARD LIMITED WARRANTY POLICY

General Purpose Cast Iron Motors (TEFC & ODP).....	36 months from date of invoice
General Purpose, Aluminum Motors.....	36 months from date of invoice
Rolled Steel Motors, Single Phase.....	24 months from date of invoice
Rolled Steel Motors, Three-Phase.....	36 months from date of invoice
Crusher Duty Motors.....	36 months from date of invoice
Stainless Steel Motors.....	24 months from date of invoice
Close Coupled Pump Motors.....	36 months from date of invoice
Explosion Proof Motors.....	24 months from date of invoice
Oil Well Pump Motors.....	36 months from date of invoice
Vertical Hollow Shaft Motors.....	24 months from date of invoice
Rotary Phase Converters.....	24 months from date of invoice
Shaft Mount Reducers.....	24 months from date of invoice
Motor Slide Bases.....	36 months from date of invoice

North American Electric, Inc. shall, at its option and expense, either repair or replace any such motor or part, which is defective within the warranty period. To be covered under warranty, any motor must have at all times been operated or used under normal operating conditions for which the motor was designed.

In the event of warranty claims, North American Electric, Inc. must be notified promptly following any motor failure. The motor should be sent to a North American Electric, Inc. authorized service center to diagnose cause of failure. After this examination, a determination will be made if the failure was due to defective material and/or workmanship. If the failure was due to defective material and/or workmanship, North American Electric, Inc. will replace or repair the motor. **DO NOT** repair any motor without a prior written purchase order from North American Electric, Inc.

North American Electric’s liability under this warranty or any other warranty, expressed or implied, in law or fact, shall be limited to the replacement of the motor, and in no event shall North American Electric, Inc. be liable for consequential or indirect damages, including freight.

When filing a claim under our standard Limited Warranty Policy, please be prepared to provide the following:

- 1) Serial Number
- 2) Model Number
- 3) EASA Report
- 4) Photographs showing the cause of failure
- 5) Estimated cost of repair
- 6) Nameplate (photo of nameplate for stainless steel/washdown duty motors) if motor is to be replaced.

For more information about warranty policies and procedures please contact our customer service department at (800) 884-0404, visit our website at www.naemotors.com or send us an email at sales@naemotors.com.



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North American Electric's continuing education courses were created with you in mind to provide information, tools, technical support, and training to sell, install, and support low voltage AC drives.

CONTINUING EDUCATION



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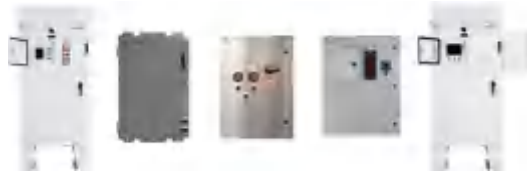
- Sales/Product Training
 - Motors
 - Controls
- Motor Start Up / Basic Programming of Low Voltage AC Drives
- Maintenance and Troubleshooting Training
 - Motors
 - Controls

We provide in depth, hands on training at our headquarters in Hernando, Mississippi. We also provide on-site training at your location as well as internet courses and webinars.

For more information, please visit our website at www.naemotors.com, or contact us at 800-884-0404.



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