

Premium Efficient Cast Iron Motors

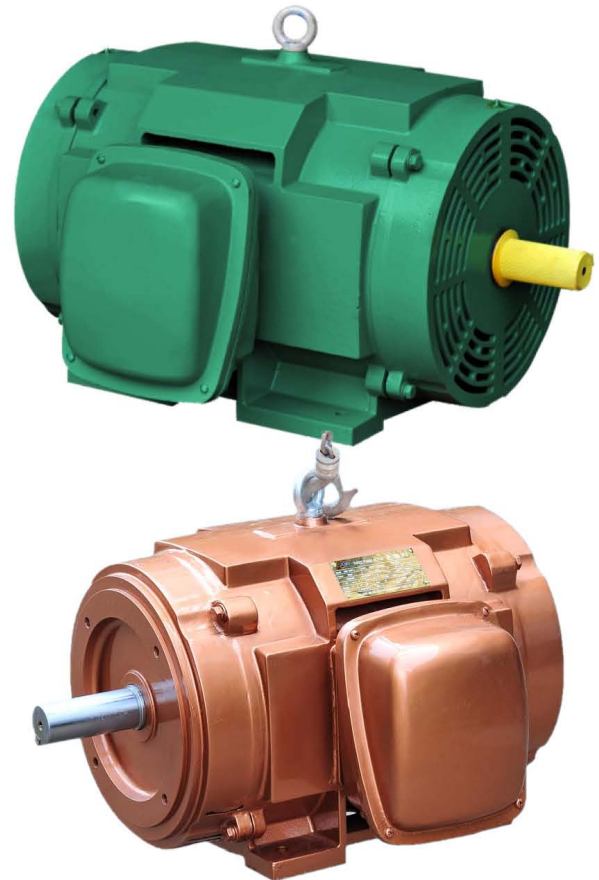
Foot Mount ODP

Applications:

General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- Cast Iron Construction from 15 HP - 500 HP
- 3600, 1800, 1200 RPM
- Open Drip Proof
- Exceeds MG 1 Part 31
- Inverter-Duty Rated - 15:1 CT; 30:1 VT
- 208-230/460V, 60 Hz, or 575V, 60Hz, 150HP and larger is 460V or 575 V only.
- 190/380V 50Hz, 150HP and larger 380V only
- 1.15 Service Factor @ 60 Hz, 1.0 Service Factor @ 50 Hz
- Multi-Mount From 254 to 5010
- C & D Flanges Available
- F1, F2 Convertible
- Oversized Bearings
- Regreasable 280 Frame and Larger
- Vacuum Pressure Impregnated Varnish
- Class F Insulation System ,Class B temperature rise
- Protection – Ip23
- Maximum 40°C Ambient Rating
- Severe Duty - Suitable for Use in Class 1, Division 2 Hazardous Locations
- Stainless steel nameplate
- 1045 carbon Steel Shaft
- UL and CSA approved
- 3 Year warranty



NEMA

Standard Full Line Motors



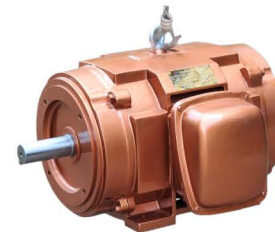
Premium Efficient Cast Iron Motors

Foot Mount ODP

HP	RPM	Voltage	Frame	Catalog Number	Full Eff. 100%	Full Amps 460 V	Ship Wt. (lbs)
15	1800	208-230/460	254T	PE154D01	93	17.7	297
	1200	208-230/460	284T	PE156D01	91.7	19.1	330
20	3600	208-230/460	254T	PE202D01	91	23.2	273
	1800	208-230/460	256T	PE204D01	23.3	25.3	328
	1200	208-230/460	286T	PE206D01	92.4	25.2	372
25	3600	208-230/460	256T	PE252D01	91.7	28.1	290
	1800	208-230/460	284TS	PE254D01	93.6	28.8	382
	1800	208-230/460	284T	PE254D02	93.6	28.8	382
	1200	208-230/460	324T	PE256D01	93	30.8	478
30	3600	208-230/460	284TS	PE302D01	91.7	33.5	373
	1800	208-230/460	286TS	PE304D01	94.1	34.5	459
	1800	208-230/460	286T	PE304D02	94.1	34.5	459
	1200	208-230/460	326T	PE306D01	93.6	35.5	474
40	3600	208-230/460	286TS	PE402D01	92.4	45.3	457
	1800	208-230/460	324TS	PE404D01	94.1	46.5	574
	1800	208-230/460	324T	PE404D02	94.1	46.5	574
	1200	208-230/460	364T	PE406D01	94.1	47.6	827
50	3600	208-230/460	324TS	PE502D01	93	55.5	541
	1800	208-230/460	326TS	PE504D01	94.5	56.5	618
	1800	208-230/460	326T	PE504D02	94.5	56.5	618
	1200	208-230/460	365T	PE506D01	94.1	58.8	867
60	3600	208-230/460	326TS	PE602D01	93.6	67	627
	1800	208-230/460	364TS	PE604D01	95	68.3	935
	1800	208-230/460	364T	PE604D02	95	68.3	958
	1200	208-230/460	404T	PE606D01	94.5	70.3	1153
75	3600	208-230/460	364TS	PE702D01	93.6	81.9	805
	1800	208-230/460	365TS	PE704D01	95	83.5	935
	1800	208-230/460	365T	PE704D02	95	83.5	935
	1200	208-230/460	405T	PE706D01	94.5	85.9	1114
100	3600	208-230/460	365TS	PE1002D01	93.6	112	935
	1800	208-230/460	404TS	PE1004D01	95.4	112	1207
	1800	208-230/460	404T	PE1004D02	95.4	112	1207
	1200	208-230/460	444T	PE1006D01	95	117	1472
125	3600	460	404TS	PE1252D01	94.1	133	1401
	1800	460	405TS	PE1254D01	95.4	135	1207
	1800	460	405T	PE1254D02	95.4	135	1207
	1200	460	445T	PE1256D01	95	140	1573
150	3600	460	405TS	PE1502D01	94.1	163	1141
	1800	460	444TS	PE1504D01	95.8	164	1609
	1800	460	444T	PE1504D02	95.8	164	1609
	1200	460	445T	PE1506D01	95.4	168	1789
200	3600	460	444TS	PE2002D01	95	220	1713
	1800	460	445TS	PE2004D01	95.8	223	1916
	1800	460	445T	PE2004D02	95.8	229	1916
	1200	460	447T	PE2006D01	95.4	229	1837
250	1800	460	445T	PE2504D01	95.8	279	1992
300	1800	460	445T	PE3004D01	95.8	335	2010
350	3600	460	449TS	PE3502D01	95.4	384	--
	1800	460	449T	PE3504D01	95.8	335	--
	1200	460	5009	PE3506D01	95.4	402	--
400	3600	460	449TS	PE4002D01	95.8	437	--
	1800	460	449T	PE4004D01	95.8	442	--
	1200	460	5009	PE4006D01	95.8	457	--
450	3600	460	449TS	PE4502D01	95.8	491	--
	1800	460	449T	PE4504D01	96.2	495	--
	1200	460	5011	PE4506D01	96.2	512	--
500	3600	460	5009	PE5002D01	95.8	546	--
	1800	460	5009	PE5002D01	96.2	550	--

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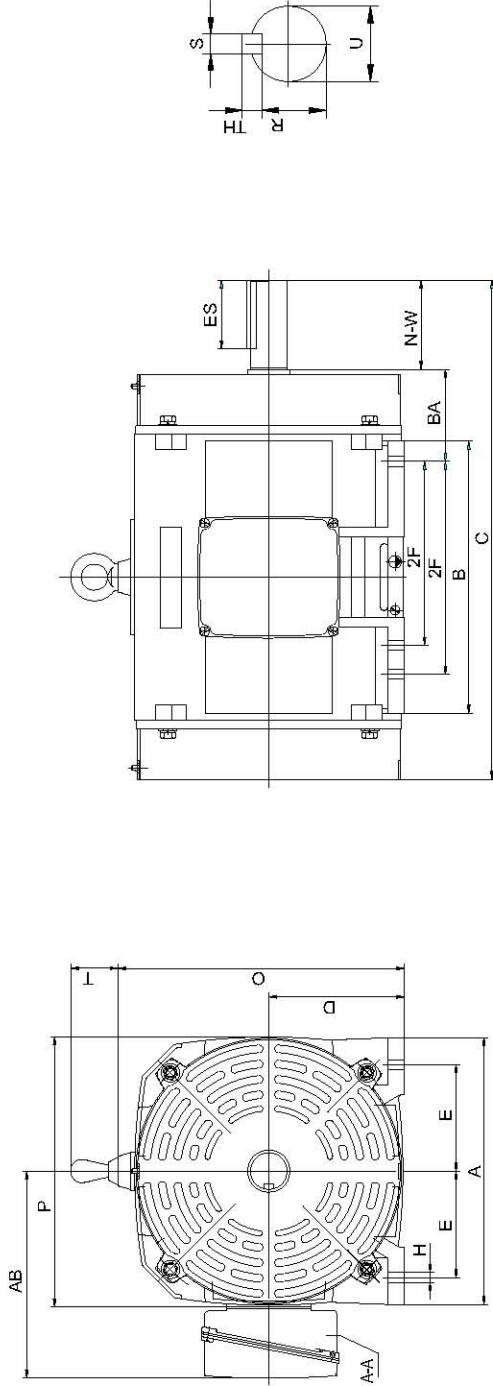
C Face ODP

HP	RPM	Voltage	Frame	Catalog Number	Full Eff. 100%	Full Amps 460 V	Ship Wt. (lbs)
15	1800	208-230/460V	254TC	PE154D11	93	18.6	234
	1200	208-230/460V	284TC	PE156D11	91.7	18.5	330
20	3600	208-230/460V	254TC	PE202D11	91	24.6	205
	1800	208-230/460V	256TC	PE204D11	93	25.3	291
	1200	208-230/460V	286TC	PE206D11	92.4	26	372
25	3600	208-230/460V	256TC	PE252D11	91.7	28.8	269
	1800	208-230/460V	284TC	PE254D11	93.6	29.2	382
	1200	208-230/460V	324TC	PE256D11	93	31	478
30	3600	208-230/460V	284TSC	PE302D11	91.7	31.1	373
	1800	208-230/460V	286TC	PE304D11	94.1	35.4	459
	1200	208-230/460V	326TC	PE306D11	93.6	37	474
40	3600	208-230/460V	286TSC	PE402D11	92.4	37.1	457
	1800	208-230/460V	324TC	PE404D11	94.1	45.7	574
	1200	208-230/460V	364TC	PE406D11	94.1	50	827
50	3600	208-230/460V	324TSC	PE502D11	93	50.2	541
	1800	208-230/460V	3246TC	PE504D11	94.5	57.3	618
	1200	208-230/460V	365TC	PE506D11	94.1	62	867
60	3600	208-230/460V	326TSC	PE602D11	93.6	65	627
	1800	208-230/460V	364TC	PE604D11	95	68	935
	1200	208-230/460V	404TC	PE606D11	94.5	72	1153
75	3600	208-230/460V	364TSC	PE752D11	93.6	81.5	805
	1800	208-230/460V	365TC	PE754D11	95	85.5	935
	1200	208-230/460V	405TC	PE756D11	94.5	88	1114
100	3600	208-230/460V	365TSC	PE1002D11	93.6	111	935
	1800	208-230/460V	404TC	PE1004D11	95.4	115	1207
125	3600	208-230/460V	404TSC	PE1252D11	94.1	133	1401
	1800	208-230/460V	405TC	PE1254D11	95.4	135	1207
	1200	208-230/460V	445TC	PE1256D11	95.4	135	1207
150	3600	208-230/460V	405TSC	PE1502D11	95	140	1573
	1800	208-230/460V	444TC	PE1504D11	94.1	163	1141
	1200	208-230/460V	445TC	PE1506D11	95.8	164	1609
200	3600	208-230/460V	444TSC	PE2002D11	95.8	164	1609
	1800	208-230/460V	445TC	PE2004D11	95.4	168	1789
	1200	208-230/460V	447TC	PE2006D11	95	220	1713
250	3600	208-230/460V	445TSC	PE2502D11	95.8	223	1916
	1800	208-230/460V	445TC	PE2504D11	95.8	229	1916
	1200	208-230/460V	449TC	PE2506D11	95.4	229	1837
300	3600	208-230/460V	445TSC	PE3002D11	95.8	279	1992
	1800	208-230/460V	445TC	PE3004D11	95.8	335	2010
	1200	208-230/460V	449TC	PE3006D11	95.4	384	--
350	3600	208-230/460V	449TSC	PE3502D11	95.8	335	--
	1800	208-230/460V	449TC	PE3504D11	95.4	402	--
	1200	208-230/460V	5009C	PE3506D11	95.8	437	--
400	3600	208-230/460V	449TSC	PE4002D11	95.8	442	--
	1800	208-230/460V	449TC	PE4004D11	95.8	457	--
	1200	208-230/460V	5009C	PE4006D11	95.8	491	--
450	3600	208-230/460V	449TSC	PE4502D11	96.2	495	--
	1800	208-230/460V	449TC	PE4504D11	96.2	512	--
	1200	208-230/460V	5011C	PE4506D11	95.8	546	--
500	3600	208-230/460V	5009C	PE5002D11	96.2	550	--
	1800	208-230/460V	5009C	PE5002D11	94.1	133	1401

Premium Efficient Cast Iron Motors

Foot Mount ODP

Mounting and overall dimensions **254/6T-404/5T, 444/5T**



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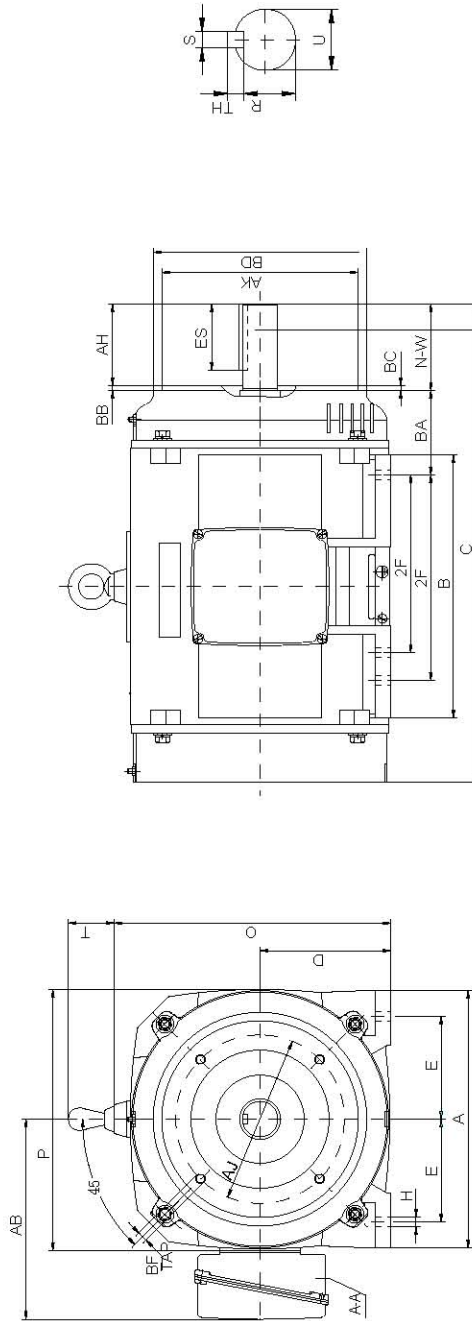
Standard Full Line Motors

Type	A	B	C	D	E	2F	H	P	O+T	A-A	AB	BA	N-W	ES	S	TH	R	U
254/6T	12.2	98.4/11.57	20.67/22.4	6.25	5	8.25/10	4-0.35	12.8	14.55	2.05	11.1	4.25	4	2.875	0.375	0.375	1.416	1.625
284/6T	12.76	11.26/12.76	23.82/25.32	7	5.5	9.5/11	4-0.53	14.76	16.84	2.84	13.18	4.75	4.62	3.25	0.5	0.5	1.591	1.875
324/6T	14.88	12.68/14.17	26.26/27.76	8	6.25	10.5/12	4-0.66	16.69	18.82	2.84	14.09	5.25	5.25	3.875	0.5	0.5	1.845	2.125
364/5T	16.38	13.43/14.41	29.13/30.13	9	7	11.25/12.25	4-0.66	18.31	21.05	3.58	16.33	5.88	5.88	4.25	0.625	0.625	2.021	2.375
404/5T	19.69	14.96/16.54	33.1/34.6	10	8	12.25/13.75	4-0.81	20.24	23.78	4.64	20.08	6.62	7.25	5.625	0.75	0.75	2.45	2.875
444/5T	22.05	17.32/19.29	37.7/39.7	11	9	14.5/16.5	4-0.81	22.05	26.35	4.64	20.86	7.5	8.5	6.91	0.875	0.875	2.88	3.375

Premium Efficient Cast Iron Motors

C Face ODP

Mounting and overall dimensions 245TC-445TC



NEMA

Standard Full Line Motors

Type	A	B	C	D	E	F	H	O+T	P	A-A	AB	BA	N-W	ES	S	TH	R	U	AH	AJ	AK	BB	BC	BD	Be Hole		
																									Number	Tap Size	Bolt Penetration Allowance
254/5TC	12.2	9.84/11.57	20.67/22.4	6.25	5	8.25/10	4.53	14.55	12.8	1-1/4	11.1	4.25	4	2.875	0.375	0.375	1.416	1.625	3.75	7.25	8.5	0.25	0.25	10	4	1/4-13	0.75
284/5TC	12.76	11.26/12.76	23.82/25.32	7	5.5	9.5/11	4.53	16.84	14.76	1-1/2	13.18	4.75	4.62	3.25	0.5	0.5	1.591	1.875	4.38	9	10.5	0.25	0.25	11.25	4	1/4-13	0.75
324/5TC	14.88	12.58/14.17	26.26/27.76	8	6.25	10.5/12	4.66	18.82	16.69	2	14.09	5.25	5.25	3.875	0.5	0.5	1.845	2.125	5	11	12.5	0.25	0.25	14	4	5/8-11	0.94
364/5TC	16.38	13.43/14.41	29.13/30.13	9	7	11.25/12.25	4.66	21.05	18.31	3	16.58	5.88	5.88	4.15	0.625	0.625	2.021	2.375	5.62	11	12.5	0.25	0.25	14	8	5/8-11	0.94
404/5TC	19.69	14.96/16.54	33.4/34.6	10	8	12.25/13.75	4.81	23.78	20.24	3	20.08	6.62	7.25	5.625	0.75	0.75	2.45	2.875	7	11	12.5	0.25	0.25	15.5	8	5/8-11	0.94
444/5TC	22.05	17.32/19.29	37.7/39.7	11	9	14.5/16.5	4.81	26.35	22.05	3	20.86	7.5	8.5	6.91	0.875	0.875	2.88	3.375	8.25	14	16	0.25	0.25	18	8	5/8-11	0.94