

NEMA Premium® XRI® Efficiency Three Phase, Totally Enclosed

Applications:

General purpose use on compressors, pumps, conveyors, blowers, and other machinery in dirty and dusty environments. Substantial energy savings can be realized when using these high efficiency motors. Guaranteed efficiencies offer an eXtra Return on your Investment when using these premium efficiency motors on high cycle or long run time applications.

Features:

- ◆ Meets or exceeds NEMA Premium® efficiencies, except where noted NEMA Premium models are in compliance with EISA2007
- ◆ **AEGIS® SGR installed internally (-P Models)**
- ◆ Suitable for use on a VFD. Variable Torque and Constant Torque (as noted)
- ◆ 1.15 Service Factor on sinewave, 1.0 Service Factor on IGBT power
- ◆ F1 conduit box on Rigid Base, F3 on C-Face Footed (Rigid Base) motors
- ◆ Shaft slinger
- ◆ Class F Insulation
- ◆ Ball bearings (except as noted)
- ◆ C-Face Footed models are rated 60/50 Hz, same HP
- ◆ Motors accept C-face kits, as noted
- ◆ UL Recognized, CSA Certified and CE Marked
- ◆ Three year warranty



Models through 40 HP are capable of modification as follows (contact factory to confirm):

- ◆ 1.25 Service Factor (sinewave only)
- ◆ 50Hz at same HP, 1.0 Service Factor (sinewave only)
- ◆ Certain combinations of existing and new nameplate marketings are not possible (contact factory to confirm)
- ◆ Any nameplate changes are subject to modification charges (see MOD Central section in SB300 catalog)
- ◆ Contact Marathon Motors for optional nameplate markings on 50HP and larger

HP	RPM	VOLTS	FRAME	CAT NO.	MODEL NO.	STOCK	CT SPEED RANGE*	MULT. SYMBOL	NOM. EFF.	FL. AMPS	WEIGHT	"C" DIM.	Foot Notes	C-Face Kit
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Rigid Base

1	1800	230/460	143T	E2201-P	143TTFN16040	√	10:1	E9	85.5	3.0/1.5	48	13.99	P	A603
1½	1800	230/460	145T	E2204-P	145TTFN16046	√	10:1	E9	86.5	4.6/2.3	54	13.99	P	A603
2	1800	230/460	145T	E2207-P	145TTFN16045	√	10:1	E9	86.5	6.0/3.0	64	13.99	P	A603
3	1800	230/460	182T	E2210-P	182TTFN16047	√	10:1	E9	89.5	8.0/4.0	104	15.87	P	A644
5	1800	230/460	184T	E202-P	184TTFN16056	√	10:1	E9	89.5	12.4/6.2	109	17.85	P	A644
7½	1800	230/460	213T	E203-P	213TTFN16326	√	10:1	E9	91.7	20.0/10.0	185	19.63	P	A206
10	1800	230/460	215T	E204-P	215TTFN16057	√	10:1	E9	91.7	25.0/12.5	177	22.63	P	A206
15	1800	230/460	254T	E2122-P	254TTFN16036	√	10:1	E9	92.4	38.1/19.1	174	22.99	P	A1209
15	1800	230/460	254T	E205-P	254TTFNA16074	√	20:1	E9	92.4	37.5/18.8	350	23.52	P	A284
20	1800	230/460	256T	E2124-P	256TTFN16038	√	10:1	E9	93.0	48.6/24.3	191	26.24	P	A1209
20	1800	230/460	256T	E206-P	256TTFNA16070	√	20:1	E9	93.0	48.2/24.1	425	25.27	P	A284
25	1800	230/460	284T	E207-P	284TTFNA16070	√	20:1	E9	93.6	62.0/31.0	500	26.34	P	A618
30	1800	230/460	286T	E208-P	286TTFNA16328	√	20:1	E9	94.1	73.0/36.5	525	27.84	P	A618
40	1800	230/460	324T	E209-P	324TTFN16066	√	20:1	E9	94.1	95.0/47.5	528	30.37	P	A214
50	1800	230/460	326T	E210-P	326TTFN16073	√	20:1@	E9	94.5	120/60.0	775	31.87	P	A214

C-Face Footed (Rigid Base)

1	1800	230/460	143TC	E2001A	143TTFR16053	√	10:1	E9	85.5	3.2/1.6	32	13.75	P	—
1½	1800	230/460	145TC	E2004A	145TTFR16331	√	10:1	E9	86.5	4.8/2.4	34	13.75	P	—
2	1800	230/460	145TC	E2007A	145TTFR16329	√	10:1	E9	86.5	5.8/2.9	50	14.25	P	—
3	1800	208-230/460	182TC	E2010	182TTFW6026	√	10:1	E9	89.5	8.4-78/3.9	87	13.97	13,P	—
5	1800	230/460	184TC	E2013	184TTFW6026	√	10:1	E9	90.2	13.7-12.6/6.3	87	14.97	13,P	—
7½	1800	230/460	213TC	E2016A	213TTFW16039	√	10:1	E9	91.7	19.4/9.7	143	20.97	P	—
10	1800	230/460	215TC	E2019A	215TTFW16047	√	10:1	E9	91.7	25.6/12.8	164	22.22	P	—

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet EISA requirements

@ Requires larger fan

*Requires nameplate modification

Blue shaded areas are Cast Iron Frames

Specifications are subject to change without notice.