

Hazardous Duty™ Division 1 Explosion Proof, NEMA Premium® XRI®, Class I and II, Groups C, D, F & G, Blue Chip® Severe Duty: Three Phase

Applications:

For extreme hazardous applications in the process industries such as chemical plants, refineries, above-ground mines, and other caustic environments where long life and ultra-high efficiency are required. 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 NEMA Premium® efficiencies
- ◆ **AEGIS® SGR installed internally (-P Models)**
- ◆ 10:1 Variable torque, see Inverter Duty column for constant torque
- ◆ MAX GUARD® Class F insulation system
- ◆ Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
- ◆ Internal and external epoxy paint
- ◆ 1.15 Service Factor on sinewave, 1.0 Service Factor on IGBT power
- ◆ Precision balanced to .08"/sec
- ◆ Extended grease tubes
- ◆ Normally closed thermostats (must be connected to control circuit)
- ◆ Meets temperature code T3B
- ◆ Shaft slinger
- ◆ Nameplated 60/50 Hz, 190/380 Volts, at next lower HP, as noted
- ◆ See MOD CENTRAL for:
C-Face Kit Modifications
F2 mounting
- ◆ Ball bearings (except as noted)
- ◆ UL Listed File No. E12044
- ◆ CSA Certified File No. LR47504
- ◆ Three year warranty



Rigid Base

HP	RPM	VOLTS	FRAME	GROUP C	CAT NO.	MODEL NO.	STOCK	CT SPEED RANGE	MULT. SYMBOL	NOM. EFF.	FL. AMPS	WEIGHT	"C" DIM.	C-Face Kit
3	1800	230/460	182T	Y	U989-P	182TTGN6541	√	10:1	E7	89.5	8.0/4.0	161	15.87	25,68,91,P
5	1800	230/460	184T	Y	U990-P	184TTGN6544	√	10:1	E7	89.5	12.4/6.2	150	17.87	25,68,91,P
7½	1800	230/460	213T	Y	U991A-P	213TTGN16548	√	10:1	E7	91.7	20.0/10.0	251	22.63	25,68,91,P
10	1800	230/460	215T	Y	U992A-P	215TTGN16539	√	10:1	E7	91.7	25.0/12.5	253	22.63	25,68,P
15	1800	230/460	254T	Y	E503-P	254TTGN16549	√	10:1	E7	92.4	37.5/18.8	385	23.52	68,P
20	1800	230/460	256T	Y	E506-P	256TTGN16552	√	10:1	E7	93.0	48.0/24.1	409	25.27	68,P
25	1800	230/460	284T	Y	E547-P	284TTGN16550	√	10:1	E7	93.6	62.0/31.0	536	26.34	68,P
30	1800	230/460	286T	Y	E564-P	286TTGN16546	√	10:1	E7	94.1	73.0/36.5	588	27.84	68,P
40	1800	230/460	324T	Y	E567-P	324TTGS16541	√	10:1	E7	94.1	95.0/47.5	749	30.37	68,P
50	1800	230/460	326T	Y	E570-P	326TTGS16546	√	10:1@	E7	94.5	123/61.5	791	30.37	68,P

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

Blue shaded areas are Cast Iron Frames
 Specifications are subject to change without notice.