

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



Features:

☉ Meets NEMA Premium® efficiencies

- 10:1 Variable torque, see Inverter Duty column for constant torque
- MAX GUARD® Class F insulation
- 1.15 Service Factor on sinewave or 1.0 Service Factor on IGBT power
- Normally closed thermostats (must be connected to control circuit)
- Meets temperature code T3B
- All cast iron construction
- Shaft slinger
- Internal and external surfaces treated with epoxy paint
- Extended grease tubes
- Nameplated 60/50 Hz, 190/380 Volts, at next lower HP where footnoted
- See modification section for addition of C-Face Kits (254T-445T)
- Contact Marathon Electric for F2 mounting
- Ball Bearings (except as noted)
- UL Listed File No. E12044
- CSA Certified File No. LR47504
- Three year warranty
- **Contact Marathon Electric for lower HP ratings**



Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
7 1/2	1200	230/460	254T	E500	254TTGN6576		10:1	\$2,101	E7	91.0	19.8/9.9	23.52	20
10	1200	230/460	256T	E501	256TTGN6576		10:1	\$2,534	E7	91.0	26.2/13.1	25.27	20
15	3600	230/460	254T	E502	254TTGN6507		10:1	\$2,054	E7	91.7	35.0/17.5	23.52	20
	1800	230/460	254T	E503	254TTGN6531	*	10:1	\$2,042	E7	92.4	37.5/18.8	23.52	20
	1200	230/460	284T	E504	284TTGN6576	*	10:1	\$3,520	E7	91.7	41.0/20.4	26.34	20
20	1800	230/460	256T	E506	256TTGN6531	*	10:1	\$2,417	E7	93.0	48/24.1	25.27	20
	1200	230/460	286T	E507	286TTGN16577		10:1	\$4,105	E7	91.7	53.6/26.8	27.69	20
25	3600	230/460	284TS	E546	284TSTGN6503		10:1	\$3,341	E7	93.6	56/28.1	24.97	20
	1800	230/460	284T	E547	284TTGN6533	*	10:1	\$3,075	E7	93.6	62.0/31.0	26.34	20
30	3600	230/460	286TS	E563	286TSTGN6501		10:1	\$3,601	E7	93.6	67.5/34.0	26.47	20
	1800	230/460	286T	E564	286TTGN6537	*	10:1	\$3,565	E7	94.1	73.0/36.5	27.84	20
	1200	230/460	326T	E565	326TTGS6578		10:1	\$6,068	E7	93.0	77.0/38.5	30.37	87
40	3600	230/460	324TS	E566	324TSTGS6501		10:1	\$4,847	E7	93.6	94.0/47.0	28.87	20
	1800	230/460	324T	E567	324TTGS6529	*	10:1@	\$4,745	E7	94.1	95.0/47.5	28.87	20
	1200	230/460	364T	E568	364TTGS6588		10:1	\$7,522	E7	93.6	100/50.0	31.50	NP
50	3600	230/460	326TS	E569	326TSTGS6501		10:1@	\$6,146	E7	93.6	118/59.0	30.37	20,87
	1800	230/460	326T	E570	326TTGS6532	*	10:1@	\$5,778	E7	94.5	120/60.0	30.37	20
	1200	230/460	365T	E571	365TTGS16577		10:1@	\$8,545	E7	94.5	123/61.5	32.50	87
60	3600	230/460	364TS	E572	364TSTGS6506		10:1@	\$8,928	E7	94.5	134/67.0	29.38	87
	1800	230/460	364T	E573	364TTGS6542	*	10:1	\$8,395	E7	94.5	138/69.0	31.50	
	1200	230/460	404T	E574	404TTGS6588		10:1	\$10,671	E7	94.5	144/72.0	35.62	
75	3600	230/460	365TS	E575	365TSTGS16503		10:1@	\$10,346	E7	94.1	169/84.5	30.38	87
	1800	230/460	365T	E576	365TTGS6547	*	10:1@	\$9,859	E7	94.5	172/86.0	32.50	2:1,20
	1200	230/460	405T	E577	405TTGS6589		10:1@	\$12,426	E7	94.5	180/90.0	37.12	87

Blue shaded areas are Cast Iron Frames

@ Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Continued on next page.

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100	3600	230/460	405TS	E578	405TSTGS6503		10:1	\$13,996	E7	94.5	216/108	34.12	87
	1800	230/460	405T	E594	405TTGS6548	*	10:1	\$12,701	E7	95.0	226/113	37.12	68
	1200	230/460	444T	E580	444TTGS6588		10:1@	\$17,067	E7	95.0	238/119	41.25	68.87
125	1800	460	444T	E582	444TTGS6539		10:1@	\$16,403	E7	95.4	141	41.25	2:1,68
	1200	460	445T	E583	445TTGN6597		---	\$20,412	E7	95.0	155	43.25	87
150	1800	460	445T	E585	445TTGN6542		10:1	\$19,391	E7	95.4	172	43.25	68
200	1800	460	445T	E588	445TTGN6538		10:1@	\$21,983	E7	95.8	224	43.19	68
250	1800	460	449T	E591	449TTGS16537		10:1	\$26,969	E7	96.5	285	51.69	RB,87

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EXPLOSION PROOF

"R164 Rework" Table:

Multiplier Symbol S4

R-164 Rework for 10:1 Constant Torque: Fan Change* & Re-Nameplate		* Fan change to allow 10:1 constant torque may reduce motor full load efficiency below EPAAct levels. Operation of motor on non-sinusoidal wave form exempts motor from EPAAct mandated efficiency levels.
FRAME	LIST PRICE	
254-286	\$175	
324-326	\$200	
364-365	\$225	
404-449	\$250	