

# Hazardous Duty™ Explosion Proof, Three Phase Blue Chip® Severe Duty

Class I Group D (Group C as noted), Rigid Base

**Applications:** For use on fans, blowers, pumps, compressors, machine tools, and other equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical Code and your local regulations for the proper selection of motors in hazardous locations.



- Features:**
- 10:1 Variable torque, 2:1 Constant torque
  - 1.15 Service Factor
  - Class F insulation
  - Meets temperature code TZA
  - All Cast iron construction
  - Shaft slinger
  - External surface treated with epoxy paint
  - Nameplated 60/50 Hz, 190/380 Volts, at next lower HP
  - See modification section for addition of C-Face kits (254T-445T)
  - Ball bearings, except where noted
  - UL Listed File No. E12044
  - CSA Certified File Nos. LR21839 and LR47504
  - Two year warranty



**IP54**



HP	RPM	VOLTS	FRAME	GROUP C	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
<b>1</b>	1800	208-230/460	143T	N	<b>U930</b> ★	143TTGN1026	\$538	E7	82.5	3.0-3.0/1.5	62	13.48	25,80
	1200	208-230/460	145T	N	<b>U931</b>	145TTGN1076	\$632	E7	80.0	3.6-3.4/1.7	68	14.73	25,80
<b>1 1/2</b>	3600	208-230/460	143T	N	<b>U932</b>	145TTGN1001	\$563	E7	82.5	4.4-4.0/2.0	62	13.48	25,80
	1800	208-230/460	145T	N	<b>U933</b> ★	145TTGN1026	\$566	E7	84.0	4.6-4.4/2.2	74	14.73	25,80
	1200	230/460	182T	N	<b>U934</b>	182TTGS1076	\$683	E7	85.5	5.0/2.5	142	17.44	25
<b>2</b>	3600	230/460	145T	N	<b>U935</b>	145TTGN1001	\$628	E7	84.0	5.2/2.6	63	13.48	25,80
	1800	208-230/460	145T	N	<b>U936</b> ★	145TTGN1027	\$605	E7	85.5	6.2-6.0/3.0	68	14.73	25,80
	1200	230/460	184T	N	<b>U937</b> ★	184TTGS1076	\$791	E7	86.5	6.0/3.0	138	17.44	25
<b>3</b>	3600	230/460	182T	N	<b>U938</b>	182TTGS1001	\$708	E7	85.5	7.4/3.7	90	16.19	25
	1800	208-230/460	182T	N	<b>U939</b> ★	182TTGS1026	\$709	E7	87.5	9.0-8.4/4.2	98	16.19	25
	1200	230/460	213T	N	<b>U940</b> ★	213TTGS1076	\$1,016	E7	87.5	9.0/4.5	225	19.66	25
<b>5</b>	3600	230/460	184T	N	<b>U941</b> ★	184TTGS1001	\$891	E7	87.5	12.4/6.2	149	17.44	25
	1800	230/460	184T	N	<b>U942</b> ★	184TTGS1026	\$789	E7	86.5	13.0/6.5	141	17.44	25
	1200	208-230/460	215T	N	<b>U943</b> ★	215TTGS1076	\$1,347	E7	87.5	15.2-14.0/7.0	230	20.91	25
<b>7 1/2</b>	3600	230/460	213T	N	<b>U944</b> ★	213TTGS1001	\$1,141	E7	88.5	19.0/9.5	232	20.91	25
	1800	230/460	213T	N	<b>U945</b> ★	213TTGS1026	\$1,083	E7	89.5	20.0/10.0	223	19.66	25
	1200	230/460	254T	Y	<b>U946</b>	254TTGN1076	\$1,800	E7	89.5	20.0/10.0	386	23.52	
<b>10</b>	3600	230/460	215T	N	<b>U947</b> ★	215TTGS1001	\$1,313	E7	90.2	24.0/12.0	193	20.91	25
	1800	230/460	215T	N	<b>U948</b> ★	215TTGS1026	\$1,286	E7	91.0	26.0/13.0	178	20.91	25
	1200	208-230/460	256T	Y	<b>U949</b>	256TTGN1076	\$2,204	E7	89.5	29.0-26.0/13.0	238	25.27	
<b>15</b>	3600	208-230/460	254T	N	<b>U950</b> ★	254TTGP1001	\$1,758	E7	90.2	39.0-36.0/18.0	307	23.69	
	1800	230/460	254T	Y	<b>U951</b> ★	254TTGN1026	\$1,687	E7	91.0	39.0/19.5	364	23.52	
	1200	230/460	284T	N	<b>U952</b>	284TTGN1076	\$3,032	E7	90.2	40.0/20.0	487	26.34	
<b>20</b>	3600	230/460	256T	Y	<b>U953</b>	256TTGN1001	\$2,254	E7	90.2	47.0/23.5	365	25.27	
	1800	230/460	256T	Y	<b>U954</b> ★	256TTGN1026	\$2,049	E7	91.0	50.0/25.0	380	25.27	
	1200	230/460	286T	N	<b>U955</b>	286TTGN1076	\$3,576	E7	90.2	54.0/27.0	520	27.84	
<b>25</b>	3600	230/460	284TS	N	<b>U956</b>	284TSTGP1001	\$2,866	E7	91.0	60.0/30.0	520	24.89	
	1800	230/460	284T	Y	<b>U957</b> ★	284TTGP1026	\$2,561	E7	92.4	62.0/31.0	439	26.26	
	1200	230/460	324T	Y	<b>U958</b>	324TTGP1076	\$4,472	E7	91.7	67.0/33.5	550	28.97	

Blue shaded areas are Cast Iron Frames

★ Stock Model

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

Continued on next page.

**Footnotes:**

- 25 Motor will NOT accept C-Face kits
- 80 Rolled steel fan guard on 143T-145T

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Class I Group D (Group C as noted), Rigid Base

EXPLOSION PROOF

HP	RPM	VOLTS	FRAME	GROUP C	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
<b>30</b>	3600	230/460	286TS	N	<b>U959</b>	286TSTGP1001	\$3,108	E7	91.0	72.0/36.0	420	26.39	
	1800	230/460	286T	Y	<b>U960</b> *	286TTGP1026	\$3,007	E7	92.4	74.0/37.0	521	27.76	
	1200	230/460	326T	Y	<b>U961</b>	326TTGS1076	\$5,295	E7	91.7	76.0/38.0	750	30.47	
<b>40</b>	3600	230/460	324TS	Y	<b>U962</b>	324TSTGP1001	\$4,157	E7	91.7	95.0/47.5	561	27.47	
	1800	230/460	324T	Y	<b>U963</b> *	324TTGP1026	\$3,971	E7	93.0	100/50.0	632	28.97	
	1200	230/460	364T	Y	<b>U964</b>	364TTGS1086	\$6,984	E7	93.0	102/51.0	900	31.50	
<b>50</b>	3600	230/460	326TS	Y	<b>U965</b>	326TSTGP1001	\$5,478	E7	92.4	115/57.5	586	28.97	
	1800	230/460	326T	Y	<b>U966</b> *	326TTGP1026	\$4,911	E7	93.0	122/61.0	632	30.47	
	1200	230/460	365T	Y	<b>U967</b>	365TTGS1086	\$7,982	E7	93.0	131/65.5	1041	32.50	
<b>60</b>	3600	230/460	364TS	Y	<b>U968</b>	364TSTGS1001	\$7,959	E7	93.0	141/71.0	964	29.38	
	1800	230/460	364T	Y	<b>U969</b> *	364TTGS1036	\$7,292	E7	93.6	144/72.0	975	31.50	
	1200	230/460	404T	Y	<b>U970</b>	404TTGS1086	\$9,415	E7	93.6	149/74.5	1308	35.62	
<b>75</b>	3600	230/460	365TS	Y	<b>U971</b>	365TSTGS1001	\$9,280	E7	93.0	174/87.0	1082	30.38	
	1800	230/460	365T	Y	<b>U972</b> *	365TTGS1036	\$9,049	E7	94.1	178/89.0	982	31.50	
	1200	230/460	405T	Y	<b>U973</b> *	405TTGS1086	\$11,037	E7	93.6	185/92.5	1360	37.12	
<b>100</b>	3600	230/460	405TS	Y	<b>U974</b>	405TSTGS1001	\$12,513	E7	94.1	224/112	1100	34.12	
	1800	230/460	405T	Y	<b>U975</b> *	405TTGS1036	\$11,044	E7	94.5	228/114	1137	37.12	
	1200	230/460	444T	Y	<b>U976</b>	444TTGS11077	\$15,492	E7	94.1	238/119	1849	41.25	
<b>125</b>	3600	460	444TS	Y	<b>U977</b>	444TSTGS1001	\$17,420	E7	94.5	137	1772	37.50	
	1800	460	444T	Y	<b>U978</b> *	444TTGS1036	\$14,358	E7	94.5	142	1840	41.25	
	1200	460	445T	Y	<b>U979</b>	445TTGN1086	\$18,440	E7	94.5	152	2204	43.19	
<b>150</b>	3600	460	445TS	Y	<b>U980</b>	445TSTGN1001	\$20,490	E7	95.4	167	2188	39.44	
	1800	460	445T	Y	<b>U981</b>	445TTGN1036	\$17,076	E7	95.0	172	2217	43.19	
	1200	460	445T	Y	<b>U982</b>	445TTGN1087	\$20,115	E7	95.0	182	2390	43.19	RB
<b>200</b>	3600	460	445TS	Y	<b>U983</b>	-----	\$25,130	E7	95.0	222	2200	39.44	
	1800	460	445T	Y	<b>U984</b>	445TTGN1038	\$19,661	E7	95.0	225	2394	43.19	RB
	1200	460	449T	Y	<b>U985</b>	449TTGS1088	\$24,295	E7	95.0	243	2910	51.69	RB
<b>250</b>	3600	460	449TS	Y	H580	449TSTGS8003	\$27,720	E7	95.0	280	2627	47.94	
	1800	460	449T	Y	H581	449TTGS8038	\$22,807	E7	95.0	290	2818	51.69	RB
<b>300</b>	1800	460	449T	Y	H582	-----	\$25,507	E7	95.4	338	3150	51.69	RB
<b>350</b>	1800	460	449T	Y	H583	-----	\$28,000	E7	95.4	400	3250	51.69	RB

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★ **Stock Model**

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**Footnotes:**

RB Roller Bearing on shaft end for belted load only