

Hazardous Duty™ Explosion Proof, Three Phase

Class I Groups C & D, Class II Groups F & G, 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:**
- 1.0 Service Factor
 - Automatic reset thermal protector (cannot be used on VFD)
 - Meets temperature code T3B
 - Explosion proof conduit box included, shipped loose
 - Ball Bearings
 - UL Listed File No. E12044
 - CSA Certified File No. LR47504

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/4	1800	208-230/460	56	G646 *	56T17E5308	\$510	F1	71.0	1.1-1.1/55	25	11.97	N
	1800	575	56	G664	56T17E5314	\$510	F1	71.0	0.43	25	11.97	N
1/3	1800	208-230/460	56	G647 *	56T17E5309	\$543	F1	74.0	1.3-1.2/60	25	11.97	N
	1800	575	56	G665	56T17E5315	\$543	F1	74.0	0.50	25	11.97	N
1/2	3600	208-230/460	56	G648	56T34G5303	\$499	F1	66.5	2.1-2.4/1.2	30	13.44	
	1800	208-230/460	56	G649 *	56T17G5312	\$573	F1	68.0	2.3-2.4/1.2	30	13.94	
	1800	575	56	G666 *	56T17G5321	\$573	F1	68.0	1.0	30	13.94	
3/4	3600	208-230/460	56	G660	56T34G5304	\$547	F1	74.0	3.0-3.2/1.6	30	13.44	
	1800	208-230/460	56	G661 *	56T17G5313	\$605	F1	75.5	2.9-3.0/1.5	30	13.94	
	1800	575	56	G667 *	56T17G5322	\$605	F1	75.5	1.2	30	13.94	
1	3600	208-230/460	56	G662	56T34G5305	\$581	F1	74.0	3.9-3.6/1.8	31	13.44	
	1800	208-230/460	56	G663 *	56T17G5314	\$611	F1	77.0	3.5-3.6/1.8	31	13.94	
	1800	575	56	G668 *	56T17G5323	\$611	F1	77.0	1.45	31	13.94	

* Stock Model

EXPLOSION PROOF

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

Class I Group D, Class II Groups F & G, C-Face 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, see Inverter Duty column for constant torque
 - 1.15 Service Factor
 - Normally closed thermostats (must be connected to control circuit)
 - Meets temperature code T3B
 - All cast iron construction
 - External surface treated with epoxy paint
 - Nameplated 60/50 hertz, 190/380 Volts, at next lower horsepower where footnoted (575 Volt excluded)
 - Ball Bearings
 - UL Listed File No. E12044
 - CSA Certified File No. LR21839 and LR47504
 - Two year warranty

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1	1800	208-230/460	143TC	C361 *	143TTGN4051	10:1	\$709	E7	82.5	3.0-3.0/1.5	64	15.23	20,80
1 1/2	1800	208-230/460	145TC	C362 *	145TTGN4032	10:1	\$750	E7	84.0	4.6-4.4/2.2	78	15.23	20,80
2	1800	208-230/460	145TC	C363 *	145TTGN4049	10:1	\$789	E7	85.5	6.2-6.0/3.0	80	15.23	20,80
3	1800	208-230/460	182TC	C364 *	182TTGS4069	10:1	\$917	E7	87.5	9.0-8.4/4.2	144	18.19	20
	1800	575	182TC	C368	182TTGS4036	10:1	\$917	E7	87.5	3.35	144	18.19	

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. EPCa and/or NRCa Canadian standards.

Footnotes:

- N Totally Enclosed, Non-Ventilated
- 20 Rated 60/50 hertz, 190/380 or 380 volt
- 80 Rolled steel fan guard on 143T-145T

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