

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Premium Efficient



CTE

APPLICATIONS:

Designed for pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA® Design B Performance (4)
- Regreasable Ball Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- 1.15 Service Factor @ 60 Hz
- Steel Fan Cover & Conduit Box
- Field Convertible To F2 Mounting 180 Frame & Larger
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (exc. 320-360)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	H1P2B	\$612	DS-3XE	1.15	12.9	45	85.5	3/1.5	-
	1800	575	143T	H1P2G	\$612	DS-3XE	1.15	12.9	45	86.5	1.1	-
	1200	230/460	145T	H1P3B	\$684	DS-3XE	1.15	13.1	50	82.5	3.5/1.8	-
	1200	575	145T	H1P3G	\$684	DS-3XE	1.15	13.1	50	82.5	1.4	-
1-1/2	3600	230/460	143T	H32P1B	\$558	DS-3XE	1.15	12.9	45	84	3.9/1.9	-
	3600	575	143T	H32P1G	\$558	DS-3XE	1.15	12.9	45	84	1.5	-
	1800	230/460	145T	H32P2B	\$633	DS-3XE	1.15	13.1	50	86.5	4.3/2.1	-
	1800	575	145T	H32P2G	\$633	DS-3XE	1.15	13.1	50	86.5	1.7	-
	1200	230/460	182T	H32P3B	\$815	DS-3XE	1.15	14.5	85	87.5	4.7/2.3	-
	1200	575	182T	H32P3G	\$815	DS-3XE	1.15	14.5	85	87.5	1.8	-
2	3600	230/460	145T	H2P1B	\$634	DS-3XE	1.15	13.1	50	86.5	4.9/2.4	-
	3600	575	145T	H2P1G	\$634	DS-3XE	1.15	13.1	50	86.5	2	-
	1800	230/460	145T	H2P2B	\$664	DS-3XE	1.15	13.1	50	86.5	5.7/2.8	-
	1800	575	145T	H2P2G	\$664	DS-3XE	1.15	13.1	50	86.5	2.3	-
	1200	230/460	184T	H2P3B	\$828	DS-3XE	1.15	15.5	95	88.5	6.2/3.1	-
	1200	575	184T	H2P3G	\$828	DS-3XE	1.15	15.5	95	88.5	2.5	-
3	3600	230/460	182T	H3P1B	\$734	DS-3XE	1.15	14.5	85	88.5	7.6/3.8	-
	3600	575	182T	H3P1G	\$734	DS-3XE	1.15	14.5	85	88.5	3.1	-
	1800	230/460	182T	H3P2B	\$715	DS-3XE	1.15	14.5	85	89.5	7.9/4	-
	1800	575	182T	H3P2G	\$715	DS-3XE	1.15	14.5	85	89.5	3.2	-
	1200	230/460	213T	H3P3B	\$1,032	DS-3XE	1.15	17.6	150	89.5	8.8/4.4	-
	1200	575	213T	H3P3G	\$1,032	DS-3XE	1.15	17.6	150	89.5	3.5	-
5	3600	230/460	184T	H5P1B	\$903	DS-3XE	1.15	15.5	100	89.5	12/6	-
	3600	575	184T	H5P1G	\$903	DS-3XE	1.15	15.5	100	89.5	4.9	-
	1800	230/460	184T	H5P2B	\$755	DS-3XE	1.15	15.5	150	89.5	12.5/6.3	-
	1800	575	184T	H5P2G	\$755	DS-3XE	1.15	15.5	100	90.2	5	-
	1200	230/460	215T	H5P3B	\$1,199	DS-3XE	1.15	19.1	105	90.2	14/7	-
	1200	575	215T	H5P3G	\$1,199	DS-3XE	1.15	19.1	150	90.2	5.6	-
7-1/2	3600	230/460	213T	H7P1B	\$1,046	DS-3XE	1.15	17.6	150	91.7	17.9/8.9	14
	3600	575	213T	H7P1G	\$1,046	DS-3XE	1.15	17.6	150	91.7	7.1	14
	1800	230/460	213T	H7P2B	\$1,007	DS-3XE	1.15	17.6	150	91.7	18.6/9.3	-
	1800	575	213T	H7P2G	\$1,007	DS-3XE	1.15	17.6	150	91.7	7.5	-
	1200	230/460	254T	H7P3B	\$1,709	DS-3XE	1.15	23.8	300	91.7	20.2/10.1	14
	1200	575	254T	H7P3G	\$1,709	DS-3XE	1.15	23.8	300	91.7	7.9	14

Note 04 On 60 Hertz Sine Wave power

Note 14 NEMA® Design A

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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