

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) HOSTILE DUTY® NEMA®† Premium Efficient, C-Face



APPLICATIONS:

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 On 60 Hertz Sine Wave Power
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- 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 On 60 Hz Sine Wave Power
- Regreaseable 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 (except 320-360)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1	1800	208-230/460	143TC	H1P2DC	DS-3HD	1.15	12.9	65	85.5	3.1-3/1.5	03
	1200	208-230/460	145TC	H1P3DC	DS-3HD	1.15	12.8	65	82.5	3.6-3.5/1.8	03
1 1/2	3600	208-230/460	143TC	H32P1DC	DS-3HD	1.15	12.8	65	84.0	4.2-3.9/2	03
	1800	208-230/460	145TC	H32P2DC	DS-3HD	1.15	12.8	70	86.5	4.5-4.3/2.1	03
	1200	208-230/460	182TC	H32P3DC	DS-3HD	1.15	16.8	100	87.5	4.8-4.7/2.3	03
2	3600	208-230/460	145TC	H2P1DC	DS-3HD	1.15	12.8	70	86.5	5.4-4.9/2.4	03
	1800	208-230/460	145TC	H2P2DC	DS-3HD	1.15	12.8	70	86.5	5.9-5.7/2.9	03
	1200	208-230/460	184TC	H2P3DC	DS-3HD	1.15	16.8	110	88.5	6.4-6.2/3.1	03
3	3600	208-230/460	182TC	H3P1DC	DS-3HD	1.25	16.8	100	87.5	8.4-7.8/3.9	03
	1800	208-230/460	182TC	H3P2DC	DS-3HD	1.15	16.8	100	89.5	8.4-7.8/3.9	03
	1200	208-230/460	213TC	H3P3DC	DS-3HD	1.15	19.1	160	89.5	9.3-8.8/4.4	03
5	3600	208-230/460	184TC	H5P1DC	DS-3HD	1.25	16.8	110	88.5	13.4-12.2/6.1	03
	1800	208-230/460	184TC	H5P2DC	DS-3HD	1.25	16.8	110	87.5	13.9-12.9/13.9	03
	1200	208-230/460	215TC	H5P3DC	DS-3HD	1.15	20.6	175	90.2	15-14/7	03
7 1/2	3600	208-230/460	213TC	H7P1DC	DS-3HD	1.15	19.1	160	91.0	19.9-17.8/8.9	03
	1800	208-230/460	213TC	H7P2DC	DS-3HD	1.15	19.1	160	91.7	20.1-18.6/9.3	03
	1200	208-230/460	254TC	H7P3DC	DS-3HD	1.15	23.1	300	91.7	20.6-18.8/9.4	02,03
10	3600	208-230/460	215TC	H10P1DC	DS-3HD	1.15	20.6	175	91.0	26.4-23.5/11.8	03
	1800	208-230/460	215TC	H10P2DC	DS-3HD	1.15	20.6	175	91.7	26.5-23.9/12	03
	1200	208-230/460	256TC	H10P3DC	DS-3HD	1.15	24.9	340	91.7	27.1-24.6/12.3	02,03
15	3600	208-230/460	254TC	H15P1DC	DS-3HD	1.00	23.1	300	91.0	39-35/17.4	02,03
	1800	208-230/460	254TC	H15P2DC	DS-3HD	1.25	26.1	300	92.4	40-36/18.2	02,03
	1200	208-230/460	284TC	H15P3DC	DS-3HD	1.15	27.0	380	91.7	41-37/18.4	02,03
20	3600	208-230/460	256TC	H20P1DC	DS-3HD	1.15	24.9	340	91.0	53-46/23.1	02,03
	1800	208-230/460	256TC	H20P2DC	DS-3HD	1.15	26.1	340	93.0	53-47/23.5	02,03
	1200	208-230/460	286TC	H20P3DC	DS-3HD	1.00	27.0	410	91.7	54-49/24.5	02,03
25	3600	208-230/460	284TSC	H25P1DSC	DS-3HD	1.15	25.6	380	91.7	66-57/28.7	02,03
	1800	208-230/460	284TC	H25P2DC	DS-3HD	1.15	27.0	380	93.6	64-58/28.9	02,03
30	3600	208-230/460	286TSC	H30P1DSC	DS-3HD	1.15	25.6	410	91.7	79-69/34	02,03
	1800	208-230/460	286TC	H30P2DC	DS-3HD	1.00	27.0	410	93.6	77-69/34	02,03
40	1800	230/460	324TC	H40P2EC	DS-3HD	1.15	30.6	600	94.1	90/45	02,03
50	1800	230/460	326TC	H50P2EC	DS-3HD	1.15	30.6	625	94.5	112/56	02,03
60	1800	230/460	364TC	H60P2EC	DS-3HD	1.15	32.6	740	95.0	136/68	02,03
75	1800	230/460	365TC	H75P2EC	DS-3HD	1.15	32.6	910	95.4	169/85	02,03
100	1800	230/460	405TC	H100P2EC	DS-3HD	1.15	39.9	1180	95.4	225/113	02,03

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate