

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty NEMA Premium<sup>†</sup> Efficient - IE3

## CTE

### 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:

- World Motor<sup>®</sup> Features, Except Where Noted
- 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
- 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<sup>†</sup> Design B Performance On 60 Hertz Sine Wave Power 320-360)
- 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, Drip Cover Kits (except 320-360)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Full Load Eff.	Full Load Amps
1	1800	208-230/460	143T	H1P2D	\$498	DS-3HD	85.5	3.2-3/1.5
	1200	208-230/460	145T	H1P3D	\$677	DS-3HD	82.5	3.6-3.5/1.8
1-1/2	3600	208-230/460	143T	H32P1D	\$574	DS-3HD	84.0	4.2-3.9/1.9
	1800	208-230/460	145T	H32P2D	\$552	DS-3HD	86.5	4.5-4.3/2.1
	1200	208-230/460	182T	H32P3D	\$751	DS-3HD	87.5	4.7/2.3
2	3600	208-230/460	145T	H2P1D	\$682	DS-3HD	86.5	5.4-4.9/2.4
	1800	208-230/460	145T	H2P2D	\$605	DS-3HD	86.5	5.7/2.8
	1200	208-230/460	184T	H2P3D	\$836	DS-3HD	88.5	6.4-6.2/3.1
3	3600	208-230/460	182T	H3P1D	\$767	DS-3HD	86.5	8.4-7.6/3.8
	1800	208-230/460	182T	H3P2D	\$678	DS-3HD	89.5	8.4-7.8/3.9
	1200	208-230/460	213T	H3P3D	\$1,036	DS-3HD	89.5	9.3-8.8/4.4
5	3600	208-230/460	184T	H5P1D	\$962	DS-3HD	88.5	13.4-12.2/6.1
	1800	208-230/460	184T	H5P2D	\$788	DS-3HD	89.5	13.9-12.8/6.4
	1200	208-230/460	215T	H5P3D	\$1,483	DS-3HD	90.2	14/7
7-1/2	3600	208-230/460	213T	H7P1D	\$1,192	DS-3HD	91.7	19.8-17.9/8.9
	1800	208-230/460	213T	H7P2D	\$1,078	DS-3HD	91.7	20.1-18.6/9.3
	1200	208-230/460	254T	H7P3D	\$1,979	DS-3HD	91.7	20.2/10.1
10	3600	208-230/460	215T	H10P1D	\$1,397	DS-3HD	91.7	26.4-23.5/11.8
	1800	208-230/460	215T	H10P2D	\$1,302	DS-3HD	91.7	26.5-23.9/12
	1200	208-230/460	256T	H10P3D	\$2,390	DS-3HD	91.7	27.1-24.6/12.3
15	3600	208-230/460	254T	H15P1D	\$1,999	DS-3HD	91.7	39-35/17.7
	1800	208-230/460	254T	H15P2D	\$1,798	DS-3HD	92.4	40-37/18.7
	1200	208-230/460	284T	H15P3D	\$3,331	DS-3HD	91.7	41-38/19
20	3600	208-230/460	256T	H20P1D	\$2,475	DS-3HD	91.7	51-46/23
	1800	208-230/460	256T	H20P2D	\$2,216	DS-3HD	93.0	53-48/24.1
	1200	208-230/460	286T	H20P3D	\$4,035	DS-3HD	91.7	54-50/25.1

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- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA<sup>†</sup> Design B Performance On 60 Hertz Sine Wave Power 320-360)
- 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
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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Full Load Eff.	Full Load Amps
25	3600	208-230/460	284T	H25P1D	\$3,036	DS-3HD	91.7	65-60/29.8
	3600	208-230/460	284TS	H25P1DS	\$3,036	DS-3HD	91.7	65-60/29.8
	1800	208-230/460	284T	H25P2D	\$2,659	DS-3HD	93.6	65-59/29.4
	1800	208-230/460	284TS	H25P2DS	\$2,659	DS-3HD	93.6	65-59/29.4
	1200	230/460	324T	H25P3E	\$4,801	DS-3HD	93.0	59/29.4
30	3600	208-230/460	286T	H30P1D	\$3,560	DS-3HD	92.4	79-69/34
	3600	208-230/460	286TS	H30P1DS	\$3,560	DS-3HD	92.4	79-69/34
	1800	208-230/460	286TS	H30P2DS	\$3,101	DS-3HD	93.6	69/35
	1800	208-230/460	286T	H30P2D	\$3,101	DS-3HD	93.6	77-69/35
	1200	230/460	326T	H30P3E	\$5,665	DS-3HD	93.0	70/35
40	3600	230/460	324TS	H40P1ES	\$4,600	DS-3HD	93.0	91/46
	1800	230/460	324T	H40P2E	\$4,049	DS-3HD	94.1	92/46
	1800	230/460	324TS	H40P2ES	\$4,049	DS-3HD	94.1	92/46
	1200	230/460	364T	H40P3E	\$7,630	DS-3HD	94.1	93/46
50	3600	230/460	326TS	H50P1ES	\$5,919	DS-3HD	93.0	112/56
	1800	230/460	326T	H50P2E	\$4,971	DS-3HD	94.5	112/56
	1800	230/460	326TS	H50P2ES	\$4,971	DS-3HD	94.5	112/56
	1200	230/460	365T	H50P3E	\$8,790	DS-3HD	94.1	115/58
60	3600	230/460	364TS	H60P1ES	\$7,901	DS-3HD	93.6	136/68
	1800	230/460	364T	H60P2E	\$7,228	DS-3HD	95.0	136/68
	1800	230/460	364TS	H60P2ES	\$7,228	DS-3HD	95.0	136/68
	1200	230/460	404T	H60P3E	\$10,356	DS-3HD	94.5	139/70
75	3600	230/460	365TS	H75P1ES	\$9,928	DS-3HD	93.6	167/84
	1800	230/460	365T	H75P2E	\$9,193	DS-3HD	95.4	169/85
	1800	230/460	365TS	H75P2ES	\$9,193	DS-3HD	95.4	169/85
	1200	230/460	405T	H75P3E	\$12,210	DS-3HD	94.5	174/87
100	3600	230/460	405TS	H100P1ES	\$13,296	DS-3HD	94.1	224/112
	1800	230/460	405T	H100P2E	\$11,329	DS-3HD	95.4	225/113
	1800	230/460	405TS	H100P2ES	\$11,329	DS-3HD	95.4	225/113
	1200	230/460	444T	H100P3E	\$16,718	DS-3HD	95.4	247/124

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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Full Load Eff.	Full Load Amps
125	3600	460	444TS	H125P1FS	\$17,620	DS-3HD	95.0	145
	1800	460	444T	H125P2F	\$15,018	DS-3HD	95.4	146
	1800	460	444TS	H125P2FS	\$15,018	DS-3HD	95.4	146
	1200	460	445T	H125P3F	\$20,365	DS-3HD	95.8	154
150	3600	460	445TS	H150P1FS	\$21,343	DS-3HD	95.0	176
	1800	460	445T	H150P2F	\$17,545	DS-3HD	95.8	172
	1800	460	445TS	H150P2FS	\$17,545	DS-3HD	95.8	172
	1200	460	447T	H150P3F	\$23,023	DS-3HD	96.2	181
200	3600	460	447TS	H200P1FS	\$27,028	DS-3HD	95.4	220
	1800	460	447T	H200P2F	\$21,421	DS-3HD	96.2	224
	1800	460	447TS	H200P2FS	\$21,421	DS-3HD	96.2	224