Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) HOSTILE DUTY®, Inverter Duty 20:1 (3-60 Hertz) Speed Range Constant Torque

APPLICATIONS:

For use on pumps, fans, blowers or other inverter powered applications having variable torque requirements. Constant torque applications requiring 20:1 or less speed range and applications requiring a drive bypass.

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FEATURES:

- INVERTER GRADE® Insulation System (Meets NEMA®† MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Cast Iron Frame, Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- 40°C Ambient, NEMA®† Design B Performance
- Regreasable Bearings 250 Frame & Up, Lifting Provisions Standard
- Double Shielded Bearings 180-360 Frame
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, Special Balance, F1 Assembly Position
- Class H Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Cast Iron Inner Bearing Caps (280 Frame & Up)
- Encoder Provision Standard on Stock Models
- Insulated Shaft ODE 400 Frame & Up
- Shaft Grounding Standard
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (except 320-360)

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
3	1800(3600)	230/460	182TC	HN3T2BC	$1,213	DS-VST	16.5	110	89.5	9.1/4.5	14
	1200(2400)	230/460	213TC	HN3T3BC	$2,151	DS-VST	20.0	157	89.5	8.8/4.4	14
5	1800(3600)	230/460	184T	H5T2B	$985	DS-VST	15.6	110	89.5	13.4/6.7	14
	1800(3600)	230/460	184TC	H5T2BC	$1,086	DS-VST	16.3	110	89.5	13.4/6.7	14
	1800(3600)	230/460	213TC	HN5T2BC	$1,604	DS-VST	20.0	167	91.0	15.4/7.7	14
	1200(2400)	230/460	215TC	HN5T3BC	$2,821	DS-VST	20.0	180	89.5	14.6/7.3	14
7 1/2	1800(3600)	230/460	213T	H7T2B	$1,348	DS-VST	19.2	160	91.7	21.1/10.5	14
	1800(3600)	230/460	213TC	H7T2BC	$1,497	DS-VST	19.9	160	91.7	21.1/10.5	14
	1800(3600)	230/460	213TC	HN7T2BC	$1,907	DS-VST	20.0	175	91.7	20.5/10.2	14
	1200(2400)	230/460	254TC	H7T3BC	$2,675	DS-VST	26.1	300	91.0	20.2/10.1	14
	1200(2400)	230/460	254TC	HN7T3BC	$3,428	DS-VST	26.1	300	91.7	19.4/9.7	14
10	1800(3600)	230/460	254TC	HN10T2BC	$2,628	DS-VST	26.1	320	91.7	27.1/13.5	14
	1800(3600)	230/460	215T	H10T2B	$1,628	DS-VST	19.2	175	91.7	27.7/13.9	14
	1800(3600)	230/460	215TC	H10T2BC	$2,172	DS-VST	19.9	175	91.7	27.7/13.9	14
	1200(2400)	230/460	256TC	H10T3BC	$3,189	DS-VST	26.1	340	91.7	26.1/13	14
	1200(2400)	230/460	256TC	HN10T3BC	$4,023	DS-VST	26.1	340	91.7	26/13	14
15	1800(3600)	230/460	254T	H15T2B	$2,248	DS-VST	25.6	300	92.4	38/19	14
	1800(3600)	230/460	254TC	H15T2BC	$2,449	DS-VST	26.1	300	92.4	38/19	14
	1800(3600)	230/460	254TC	HN15T2BC	$3,193	DS-VST	26.1	300	92.4	37/18.6	14
	1200(2400)	230/460	284T	H15T3B	$4,164	DS-VST	27.0	385	91.7	38/19.2	14
20	1800(3600)	230/460	256T	H20T2B	$2,770	DS-VST	25.6	370	93.0	51/25.6	14
	1800(3600)	230/460	256TC	H20T2BC	$3,253	DS-VST	26.1	340	93.0	51/25.6	14
	1200(2400)	230/460	286T	H20T3B	$5,044	DS-VST	27.0	400	91.7	53/26.6	14
25	1800(2700)	230/460	284T	H25T2B	$3,324	DS-VST	27.1	387	93.6	62/31	14
	1200(2400)	230/460	324T	H25T3B	$6,001	DS-VST	30.7	600	93.0	71/36	14
30	1800(2700)	230/460	286T	H30T2B	$3,876	DS-VST	27.1	440	93.6	75/37	14
	1200(2400)	230/460	326T	H30T3B	$7,081	DS-VST	30.7	625	93.0	79/40	14

Note 14 NEMA®† Design A

Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) HOSTILE DUTY®, Inverter Duty 20:1 (3-60 Hertz) Speed Range Constant Torque

(continued)



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CTI, JCEI

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
40	1800(2700)	230/460	324T	H40T2B	$5,061	DS-VST	30.7	600	94.1	101/51	14
	1200(2400)	230/460	364T	H40T3B	$9,538	DS-VST	32.3	740	94.5	97/48	14
50	1800(2700)	230/460	326T	H50T2B	$6,214	DS-VST	32.3	625	94.5	116/58	14
	1200(2400)	230/460	365T	H50T3B	$10,988	DS-VST	32.3	910	94.5	118/59	14
60	1800(3600)	230/460	364T	H60T2B	$9,035	DS-VST	32.3	740	95.4	137/69	14
	1200(2400)	230/460	404T	H60T3B	$12,945	DS-VST	37.6	1160	94.5	149/74	14
75	1800(3600)	230/460	365T	H75T2B	$11,491	DS-VST	32.3	910	95.4	182/91	14
	1200(2400)	230/460	405T	H75T3B	$15,263	DS-VST	37.6	1180	94.5	188/94	14
100	1800(3600)	230/460	405T	H100T2B	$14,161	DS-VST	37.6	1180	95.4	225/113	LA
	1200(2400)	230/460	444T	H100T3B	$20,898	DS-VST	45.4	1660	95.0	247/123	14
125	1800(3600)	460	444T	H125T2C	$17,628	DS-VST	45.4	1660	95.4	164	14,LA
150	1800(3600)	460	445T	H150T2C	$20,923	DS-VST	45.4	1700	95.8	180	14
200	1800(3600)	460	447T	H200T2C	$23,452	DS-VST	48.9	2025	96.2	241	14
250	1800(3600)	460	449T	C250T2C	$30,428	DS-VST	55.1	2400	96.5	289	14
300	1800(3600)	460	449T	C300T2C	$41,403	DS-VST	55.1	2400	96.8	327	14
350	1800(3600)	460	449T	C350T2C	$49,229	DS-VST	55.1	2400	96.2	397	14

Note 14 NEMA® Design A
Note LA Limited Availability