

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

APPLICATIONS:

For use on pumps, fans, blowers or other inverter powered applications having variable torque requirements. Constant torque applications requiring 5:1 or less speed range and applications requiring a drive bypass.



CTI

FEATURES:

- INVERTER GRADE® Insulation System (Meets NEMA® MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Cast Iron Frame (140: Rolled Steel), 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 On 60 Hertz Sine Wave Power
- Special Balance
- Regreasable Bearings 250 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, F1 Assembly Position
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Constant Horsepower To 90 Hertz
- C-Face Footed 1-5 HP
- 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
1 1/2	3600(7200)	230/460	143TC	H32V1BC	\$660	DS-VST	12.6	65	84.0	3.9/1.9	LA
2	1800(3600)	230/460	145TC	H2V2BC	\$696	DS-VST	12.6	82	85.5	5.5/2.8	LA
30	1800(2700)	230/460	286T	H30V2B	\$3,566	DS-VST	27.0	440	93.6	69/34	LA
60	1800(3600)	230/460	364T	H60V2B	\$8,312	DS-VST	32.6	825	95.0	138/69	LA
75	3600(4500)	230/460	365TS	H75V1BS	\$11,411	DS-VST	30.4	830	93.6	167/83	LA

Note LA Limited Availability

GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE STEEL EDGE™
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY™
 GENERAL PURPOSE 84 PLUS™
 GENERAL PURPOSE OPEN DRI PROOF™
 GENERAL PURPOSE HAZARDOUS LOCATION™
 GENERAL PURPOSE AUTOMOTIVE DUTY™
 COOLING TOWER DUTY™
 HAZARDOUS LOCATION™
 C-FACE MOTORS
 VARIABLE SPEED MOTORS AND DRIVES™

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