

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.

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

GENERAL PURPOSE
UNIMOUNT®GENERAL PURPOSE
STEEL EDGE™GENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTY™GENERAL PURPOSE
841 PLUS®GENERAL PURPOSE
OPEN DRIPPROOFGENERAL PURPOSE
HAZARDOUS LOCATIONGENERAL PURPOSE
AUTOMOTIVE DUTYCOOLING TOWER
DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE SPEED
MOTORS AND DRIVES

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

(continued)

| 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