

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor CORRO-DUTY® NEMA®+ Premium Efficient C-Face

APPLICATIONS:

For pulp & paper, mill & chemical and any other severe duty environments found in the process industries.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- All Cast Iron Construction
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- IP55 Protection
- Precision Balance (< 0.08 In/Sec Vibration)
- 40°C Ambient, NEMA®+ Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Bearings, Lifting Provisions
- Double Shielded Bearings 140-210
- Oversized Conduit Box - 1 Size Larger Than NEMA®+ Standard
- Cast Iron Inner Bearing Caps
- Field Convertible To F2 Mounting
- Condensation Drains With Threaded Brass Breather Plugs
- Self-Certified Class I, Division 2, Groups A, B, C, & D
- Suitable for 20:1 (3-60hz) Variable Torque; 5:1 (12-60hz) Constant Torque On Inverter Power

| HP | RPM | Voltage | Frame | Catalog Number | List | Discount Symbol | SF | "C" Dim. (inches) | Ship Wt. (lbs) | Full Load Eff. | Full Load Amps | Notes |
|-------|------|---------|-------|----------------|---------|-----------------|------|-------------------|----------------|----------------|----------------|-------|
| 1 1/2 | 3600 | 230/460 | 143TC | CD32P1EC | \$711 | DS-3CEW | 1.15 | 14.2 | 60 | 84.0 | 3.9/1.9 | 105,G |
| | 1800 | 230/460 | 145TC | CD32P2EC | \$686 | DS-3CEW | 1.15 | 14.2 | 80 | 86.5 | 4.1/2.1 | 105,G |
| 2 | 3600 | 230/460 | 145TC | CD2P1EC | \$735 | DS-3CEW | 1.15 | 14.2 | 60 | 85.5 | 5/2.5 | 105,G |
| | 1800 | 230/460 | 145TC | CD2P2EC | \$744 | DS-3CEW | 1.15 | 14.2 | 80 | 86.5 | 5.3/2.7 | 105,G |
| 3 | 3600 | 230/460 | 182TC | CD3P1EC | \$872 | DS-3CEW | 1.15 | 17.2 | 90 | 86.5 | 8.2/4.1 | 105,G |
| | 1800 | 230/460 | 182TC | CD3P2EC | \$839 | DS-3CEW | 1.15 | 17.2 | 110 | 89.5 | 7.8/3.9 | 105,G |
| 5 | 3600 | 230/460 | 184TC | CD5P1EC | \$1,011 | DS-3CEW | 1.15 | 17.2 | 110 | 88.5 | 12.3/6.1 | 105,G |
| | 1800 | 230/460 | 184TC | CD5P2EC | \$938 | DS-3CEW | 1.15 | 17.2 | 120 | 89.5 | 12.7/6.3 | 105,G |
| 7 1/2 | 3600 | 230/460 | 213TC | CD7P1EC | \$1,228 | DS-3CEW | 1.15 | 20.4 | 160 | 89.5 | 18.1/9 | 105,G |
| | 1800 | 230/460 | 213TC | CD7P2EC | \$1,185 | DS-3CEW | 1.15 | 20.4 | 180 | 91.7 | 19.1/9.6 | 105,G |
| 10 | 3600 | 230/460 | 215TC | CD10P1EC | \$1,411 | DS-3CEW | 1.15 | 20.4 | 170 | 90.2 | 23.5/11.8 | 105,G |
| | 1800 | 230/460 | 215TC | CD10P2EC | \$1,444 | DS-3CEW | 1.15 | 20.4 | 200 | 91.7 | 25.7/12.8 | 105,G |

Note 105 208 Volt Suitable

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz; 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate