

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 Plus® Premium Efficient, C-Face Footless

**NEMA  
Premium**



CEF

## APPLICATIONS:

Designed for constant speed and inverter duty applications in petro-chemical, pulp & paper, automotive, mining and waste treatment industries.

## FEATURES:

- Inverter Grade® Insulation System (Meets NEMA® MG-1 Part 31)
- Class F Insulation, Class B Rise At Full Load (Sine Wave Power)
- All Cast Iron Construction
- Corrosion Resistant Mill & Chem Duty Paint (250 Hour Salt Spray Test)
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- 40°C Ambient, NEMA® Design B Performance (Sine Wave Power)
- VBXX® Bearing Isolators By Inpro/Seal On Both Ends For IP55 Protection
- 5 Year Warranty (3 Years on Inverter Power, see pg. 30 for details)
- Same Size Regreasable Open Bearings & Internal Bearing Caps (180 Frame & Up)
- External Grounding Provision, Epoxy Coated Rotor
- 10:1 Variable Torque; 5:1 Constant Torque On Inverter Power
- Precision Balance (< 0.05 In/Sec Vibration)
- 1.15 SF On Sine Wave / 1.0 SF On Inverter Power
- Conversion Kits: C&D Flange, Canopy Kit (except 320-360)

| HP    | RPM  | Voltage | Frame  | Catalog Number | List    | Discount Symbol | SF   | "C" Dim. (inches) | Ship Wt. (lbs.) | Full Load Eff. | Full Load Amps | Notes |
|-------|------|---------|--------|----------------|---------|-----------------|------|-------------------|-----------------|----------------|----------------|-------|
| 1     | 1800 | 460     | 143TC  | 8P1P2CCR       | \$884   | DS-841          | 1.15 | 13.5              | 62              | 85.5           | 1.5            | -     |
|       | 1800 | 460     | 143TC  | 8P1P2CCR2      | \$884   | DS-841          | 1.15 | 13.5              | 62              | 85.5           | 1.5            | -     |
|       | 1200 | 460     | 145TC  | 8P1P3CCR       | \$924   | DS-841          | 1.15 | 13.5              | 70              | 82.5           | 1.8            | -     |
| 1-1/2 | 3600 | 460     | 143TC  | 8P32P1CCR      | \$756   | DS-841          | 1.15 | 13.5              | 65              | 84             | 1.9            | -     |
|       | 1800 | 460     | 145TC  | 8P32P2CCR      | \$889   | DS-841          | 1.15 | 13.5              | 70              | 85.5           | 2.1            | -     |
|       | 1200 | 460     | 182TCH | 8P32P3CKR      | \$1,101 | DS-841          | 1.15 | 17.4              | 100             | 86.5           | 2.4            | -     |
| 2     | 3600 | 460     | 145TC  | 8P2P1CCR       | \$870   | DS-841          | 1.15 | 13.5              | 70              | 85.5           | 2.5            | -     |
|       | 1800 | 460     | 145TC  | 8P2P2CCR       | \$918   | DS-841          | 1.15 | 13.5              | 70              | 84             | 3              | -     |
|       | 1800 | 460     | 145TC  | 8P2P2CCR2      | \$918   | DS-841          | 1.15 | 13.5              | 70              | 86.5           | 3              | -     |
|       | 1200 | 460     | 184TCH | 8P2P3CKR       | \$1,004 | DS-841          | 1.15 | 17.4              | 110             | 87.5           | 3.1            | -     |
| 3     | 3600 | 460     | 182TCH | 8P3P1CKR       | \$1,137 | DS-841          | 1.15 | 17.4              | 100             | 88.5           | 3.9            | -     |
|       | 1800 | 460     | 182TC  | 8P3P2CCR       | \$1,205 | DS-841          | 1.15 | 17.4              | 110             | 89.5           | 4              | -     |
|       | 1800 | 460     | 182TCH | 8P3P2CKR       | \$1,205 | DS-841          | 1.15 | 17.4              | 110             | 89.5           | 4              | -     |
|       | 1200 | 460     | 213TC  | 8P3P3CCR       | \$1,607 | DS-841          | 1.15 | 20.8              | 164             | 89.5           | 4.4            | -     |
| 5     | 3600 | 460     | 184TCH | 8P5P1CKR       | \$1,363 | DS-841          | 1.15 | 17.4              | 110             | 88.5           | 6.1            | -     |
|       | 1800 | 460     | 184TC  | 8P5P2CCR       | \$1,250 | DS-841          | 1.15 | 17.4              | 110             | 90.2           | 6.3            | -     |
|       | 1800 | 460     | 184TCH | 8P5P2CKR       | \$1,250 | DS-841          | 1.15 | 17.4              | 110             | 90.2           | 6.3            | -     |
|       | 1200 | 460     | 215TC  | 8P5P3CCR       | \$1,611 | DS-841          | 1.15 | 20.8              | 160             | 90.2           | 7              | -     |
| 7-1/2 | 3600 | 460     | 213TC  | 8P7P1CCR       | \$1,748 | DS-841          | 1.15 | 20.8              | 160             | 89.5           | 9.3            | -     |
|       | 1800 | 460     | 213TC  | 8P7P2CCR       | \$1,467 | DS-841          | 1.15 | 20.8              | 160             | 91             | 9.2            | -     |
| 10    | 3600 | 460     | 215TC  | 8P10P1CCR      | \$1,832 | DS-841          | 1.15 | 20.8              | 185             | 91.7           | 11.8           | -     |
|       | 1800 | 460     | 215TC  | 8P10P2CCR      | \$1,704 | DS-841          | 1.15 | 20.8              | 200             | 91.7           | 12             | -     |

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