

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 PLUS® NEMA® Premium Efficient

**NEMA**  
Premium


CEFC

## APPLICATIONS:

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 For IP55 Protection
- Same Size Regreasable Open Bearings & Internal Bearing Caps (180 Frame & Up)
- Cast Iron Inner Bearing Caps (180 Frame & Larger)
- 5 Year Warranty (3 Years on Inverter Power)
- External Grounding Provision, Epoxy Coated Rotor
- 20:1 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
- Meets or Exceeds IEEE 841 Standard 2009

## C-Face Footless

| HP    | RPM  | Voltage | Frame  | Catalog Number | List    | Discount Symbol | SF   | "C" Dim. (inches) | Ship Wt. (lbs) | NEMA Nom. Eff. | Full Load Amps | Notes |
|-------|------|---------|--------|----------------|---------|-----------------|------|-------------------|----------------|----------------|----------------|-------|
| 1     | 1800 | 460     | 143TC  | 8P1P2CCR       | \$881   | DS-841          | 1.15 | 13.5              | 65             | 85.5           | 1.5            |       |
|       | 1800 | 460     | 143TC  | 8P1P2CCR2      | \$881   | DS-841          | 1.15 | 13.5              | 65             | 85.5           | 1.5            |       |
|       | 1200 | 460     | 145TC  | 8P1P3CCR       | \$1,164 | DS-841          | 1.15 | 13.5              | 73             | 82.5           | 1.8            |       |
| 1 1/2 | 3600 | 460     | 143TC  | 8P32P1CCR      | \$971   | DS-841          | 1.15 | 13.5              | 68             | 84.0           | 1.9            |       |
|       | 1800 | 460     | 145TC  | 8P32P2CCR      | \$937   | DS-841          | 1.15 | 13.5              | 73             | 86.5           | 2.1            |       |
| 2     | 3600 | 460     | 145TC  | 8P2P1CCR       | \$1,119 | DS-841          | 1.15 | 13.5              | 73             | 85.5           | 2.5            |       |
|       | 1800 | 460     | 145TC  | 8P2P2CCR       | \$1,003 | DS-841          | 1.15 | 13.5              | 70             | 86.5           | 2.8            |       |
|       | 1800 | 460     | 145TC  | 8P2P2CCR2      | \$1,003 | DS-841          | 1.15 | 13.5              | 70             | 86.5           | 2.8            |       |
|       | 1200 | 460     | 184TCH | 8P2P3CKR       | \$1,350 | DS-841          | 1.15 | 17.4              | 115            | 87.5           | 3.1            |       |
| 3     | 3600 | 460     | 182TCH | 8P3P1CKR       | \$1,192 | DS-841          | 1.15 | 17.4              | 100            | 87.5           | 3.9            |       |
|       | 1800 | 460     | 182TC  | 8P3P2CCR       | \$1,064 | DS-841          | 1.15 | 17.4              | 115            | 89.5           | 3.9            |       |
|       | 1200 | 460     | 213TC  | 8P3P3CCR       | \$1,576 | DS-841          | 1.15 | 20.8              | 165            | 89.5           | 4.4            |       |
| 5     | 1800 | 460     | 184TC  | 8P5P2CCR       | \$1,212 | DS-841          | 1.00 | 17.4              | 110            | 89.5           | 6.3            |       |
|       | 1800 | 460     | 184TCH | 8P5P2CKR       | \$1,212 | DS-841          | 1.15 | 17.4              | 110            | 90.2           | 6.3            |       |
|       | 1200 | 460     | 215TC  | 8P5P3CCR       | \$2,199 | DS-841          | 1.15 | 20.8              | 220            | 89.5           | 7              |       |
| 7 1/2 | 3600 | 460     | 213TC  | 8P7P1CCR       | \$1,702 | DS-841          | 1.15 | 20.8              | 160            | 89.5           | 9.3            |       |
|       | 1800 | 460     | 213TC  | 8P7P2CCR       | \$1,550 | DS-841          | 1.15 | 20.8              | 160            | 91.0           | 9.2            |       |
| 10    | 3600 | 460     | 215TC  | 8P10P1CCR      | \$1,962 | DS-841          | 1.15 | 20.8              | 185            | 91.0           | 11.8           |       |
|       | 1800 | 460     | 215TC  | 8P10P2CCR      | \$1,837 | DS-841          | 1.15 | 20.8              | 200            | 91.0           | 12             |       |