

Brake Motors, Single Phase

Totally Enclosed, C-Face With Removable Rigid Base



Applications: Conveyors, machine tools, door operators, speed reducers, cranes, hoists, and other industrial machinery requiring quick stop and/or holding torque. May be used in damp, dirty, or dusty environments.

- Features:**
- Fail-safe, spring set Stearns brake for holding or stopping
 - Brake has manual wear adjustment for longer pad life
 - Manual release lever on rear of brake housing
 - Brake leads are terminated at the brake
 - Vertical or horizontal mounting
 - Brake coil voltage matches motor voltages, see mod section for other brake coils
 - Bolt-on, easily removable rigid base
 - Ball bearings, mechanically locked on shaft end
 - 1.15 Service Factor
 - Nameplated 60/50 hertz at next lowest horsepower
 - UL Recognized and CSA Certified

| HP | RPM | VOLTS | FRAME | CAT. NO. | MODEL NO. | LIST PRICE | MULT. SYMB. | F.L. AMPS | APPROX. WGT. LBS. | "C" DIM. | BRAKE RATING | FOOT NOTES |
|-------|------|-------------|-------|----------|------------|------------|-------------|--------------|-------------------|----------|--------------|------------|
| 1/3 | 1800 | 115/208-230 | 56C | D400 * | 56C17F5352 | \$596 | E5 | 6.6/3.1-3.3 | 33 | 16.20 | 3 | 2,6 |
| 1/2 | 1800 | 115/208-230 | 56C | D401 * | 56C17F5353 | \$658 | E5 | 8.8/4.2-4.4 | 40 | 16.20 | 3 | d,2,6 |
| 3/4 | 1800 | 115/208-230 | 56C | D402 * | 56C17F5354 | \$852 | E5 | 11.0/5.4-5.5 | 38 | 16.70 | 6 | 2,6 |
| 1 | 1800 | 115/208-230 | 56C | D403 | 56C17F5355 | \$906 | E5 | 13.4/6.8-6.7 | 40 | 17.20 | 6 | 2,6 |
| 1 1/2 | 1800 | 115/208-230 | 56C | D404 | 56B17F5330 | \$956 | E5 | 15.2/8.2-7.6 | 50 | 19.04 | 10 | 1,6 |

★ Stock Model

Brake Motors, Three Phase

Totally Enclosed, C-Face With Rigid Base, C-Face With Removable Base



Applications: Same as Single Phase. (see above)

- Features:**
- In addition to the Single Phase Features above:
 - Brake has manual wear adjustment up to 25 lb-ft. for longer pad life
 - Brake leads routed through motor conduit box (TENV only)
 - Vertical or horizontal mounting up to 15 lb-ft, see mod section for larger brakes
 - CR²⁰⁰ Corona resistant magnet wire (motor can be operated 10:1 variable torque and 2:1 constant torque)
 - 1.15 Service Factor, 1.0 Service Factor where footnoted



| HP | RPM | VOLTS | FRAME | CAT. NO. | MODEL NO. | LIST PRICE | MULT. SYMB. | F.L. AMPS | APPROX. WGT. LBS. | "C" DIM. | BRAKE RATING | FOOT NOTES |
|-------|------|-------------|-------|----------|-------------|------------|-------------|---------------|-------------------|----------|--------------|--------------|
| 1/3 | 1800 | 208-230/460 | 56C | D450* | 56T17F5348 | \$561 | E5 | 1.8-1.6/0.8 | 31 | 15.73 | 3 | 6 |
| | 1200 | 208-230/460 | 56C | D451 | 56T11F5325 | \$743 | E5 | 1.9-2.2/1.1 | 30 | 15.73 | 3 | 6 |
| 1/2 | 1800 | 208-230/460 | 56C | D452* | 56T17F5349 | \$631 | E5 | 2.3-2.4/1.2 | 30 | 16.23 | 3 | 6 |
| | 1200 | 208-230/460 | 56C | D453* | 56T11F5326 | \$927 | E5 | 2.4-2.7/1.4 | 33 | 16.23 | 6 | 6 |
| 3/4 | 1800 | 208-230/460 | 56C | D454* | 56T17F5350 | \$741 | E5 | 2.9-3.0/1.5 | 33 | 16.23 | 6 | 6 |
| | 1200 | 208-230/460 | 56C | D455* | 56T11F5327 | \$1,089 | E5 | 3.1-3.2/1.6 | 37 | 16.73 | 6 | d,6 |
| 1 | 1800 | 208-230/460 | 56C | D456* | 56T17F5357 | \$880 | E5 | 3.5-3.6/1.8 | 35 | 16.73 | 6 | 6 |
| | 1200 | 208-230/460 | 145TC | C400 | 145TTFR5382 | \$1,167 | E5 | 3.95-4.0/2.0 | 48 | 17.26 | 10 | 6 |
| 1 1/2 | 1800 | 208-230/460 | 56C | D457* | 56T17F5358 | \$977 | E5 | 4.8-4.8/2.4 | 32 | 17.26 | 10 | 6 |
| | 1800 | 208-230/460 | 145TC | C401* | 145TTFR5360 | \$977 | E5 | 4.8-4.8/2.4 | 39 | 16.76 | 10 | 6 |
| | 1200 | 208-230/460 | 184TC | C402 | 184TTTL7084 | \$1,301 | E5 | 5.55-5.2/2.6 | 130 | 19.23 | 15 | AL,F,N,82 |
| 2 | 1800 | 208-230/460 | 145TC | C403* | 145TTFR5359 | \$1,026 | E5 | 6.0-5.8/2.9 | 48 | 18.77 | 10 | 6 |
| | 1200 | 208-230/460 | 184TC | C404 | 184TTTL7083 | \$1,358 | E5 | 6.8-6.6/3.3 | 90 | 19.23 | 15 | AL,F,N,82 |
| 3 | 1800 | 230/460 | 182TC | C405* | 182TTTL7034 | \$1,358 | E5 | 8.0/4.0 | 102 | 19.68 | 15 | AL,F,N,82 |
| 5 | 1800 | 208-230/460 | 184TC | C406* | 184TTTL7041 | \$1,836 | E5 | 13.8-12.4/6.2 | 120 | 20.68 | 25 | AL,F,N,17,82 |
| 7 1/2 | 1800 | 230/460 | 213TC | C407* | 213TTTL7034 | \$2,411 | E5 | 19.2/9.6 | 186 | 27.04 | 35 | AL,N,17,82 |
| 10 | 1800 | 230/460 | 215TC | C408* | 215TTTL7050 | \$3,014 | E5 | 25.0/12.5 | 227 | 28.64 | 50 | AL,N,17,82 |

★ Stock Model

Footnotes:

d Will become build-up item when current stock is gone
 AL Aluminum Frame Construction
 F Class F insulation

N Totally Enclosed, Non-Ventilated
 1 Capacitor Start/Capacitor Run design for reduced amperage
 2 Capacitor Start Induction Run design

6 Bolt-on, removable base for footless mounting option
 17 1.0 Service Factor
 82 Welded base