

UNIMOUNT® Brakemotor

Totally Enclosed Fan Cooled (TEFC) Motor



APPLICATIONS:

For use on conveyors, machine tools, door operators, speed reducers, or any application requiring quick stops and positive holds.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- Aluminum Frame (180 Frame)
- Rolled Steel Frame (56-140 Frames)
- Full 50 & 60 Hertz Operating on Nameplate (3)
- 40°C Ambient, NEMA[®] Design B Performance On 60 Hertz Sine Wave Power
- Full HP @ 50 Hertz
- Double Shielded Bearings (180 Frame)
- Dual Voltage Ratings Suitable for Part Winding Start (PWS) on Low Voltage
- Lifting Provisions (180 Frame)

Footed

| HP | RPM | Voltage | Frame | Catalog Number | List | Discount Symbol | SF | "C" Dim. (inches) | Ship Wt. (lbs) | NEMA Nom. Eff. | Full Load Amps | Brake Torque (lb-ft) | Notes |
|-------|------|-------------|-------|----------------|---------|-----------------|------|-------------------|----------------|----------------|----------------|----------------------|-------|
| 1/2 | 1800 | 208-230/460 | 56 | BMU12S2A | \$1,011 | DS-3BMR | 1.25 | 17.4 | 35 | 75.5 | 1.8-1.7/0.9 | 3.0 | |
| 3/4 | 1800 | 208-230/460 | 56 | BMU34S2A | \$1,182 | DS-3BMR | 1.25 | 17.4 | 35 | 78.5 | 2.6-2.7/1.3 | 6.0 | |
| 1 | 1800 | 208-230/460 | 143T | BMU1P2D | \$1,461 | DS-3BMR | 1.25 | 17.4 | 35 | 85.5 | 3.1-3/1.5 | 6.0 | |
| | 1800 | 208-230/460 | 143T | BMU1S2A | \$1,328 | DS-3BMR | 1.25 | 17.6 | 42 | 81.5 | 3.1-3.2/1.6 | 6.0 | LA |
| 1 1/2 | 1800 | 208-230/460 | 56 | BMU32P2D | \$1,703 | DS-3BMR | 1.25 | 17.4 | 35 | 86.5 | 4.5-4.3/2.1 | 10.0 | |
| 2 | 1800 | 208-230/460 | 145T | BMU2P2D | \$1,683 | DS-3BMR | 1.25 | 17.4 | 35 | 86.5 | 5.9-5.7/2.8 | 10.0 | |
| 3 | 1800 | 208-230/460 | 182T | BMU3P2D | \$2,277 | DS-3BMR | 1.25 | 21.6 | 170 | 89.5 | 8.4-7.8/3.9 | 15.0 | |
| 5 | 1800 | 208-230/460 | 184T | BMU5P2D | \$2,830 | DS-3BMR | 1.25 | 21.6 | 85 | 90.2 | 13.6-12.3/6.2 | 25.0 | |

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 | Brake Torque (lb-ft) | Notes |
|-------|------|-------------|-------|----------------|---------|-----------------|------|-------------------|----------------|----------------|----------------|----------------------|-------|
| 1/2 | 1800 | 208-230/460 | 56C | BMU12S2ACR | \$1,034 | DS-3BMR | 1.25 | 15.6 | 30 | 75.5 | 1.8-1.7/0.9 | 3.0 | |
| 3/4 | 1800 | 208-230/460 | 56C | BMU34S2AFCR | \$1,213 | DS-3BMR | 1.25 | 15.6 | 37 | 78.5 | 2.6-2.7/1.3 | 6.0 | |
| 1 | 1800 | 208-230/460 | 56C | BMU1P2DFCR | \$1,540 | DS-3BMR | 1.25 | 17.9 | 35 | 85.5 | 3.1-3/1.5 | 6.0 | |
| | 1800 | 208-230/460 | 143TC | BMU1P2DCR | \$1,485 | DS-3BMR | 1.25 | 17.9 | 35 | 85.5 | 3.1-3/1.5 | 6.0 | |
| | 1800 | 208-230/460 | 143TC | BMU1S2ACR | \$1,350 | DS-3BMR | 1.25 | 18.1 | 40 | 81.5 | 3.1-3.2/1.6 | 6.0 | LA |
| 1 1/2 | 1800 | 208-230/460 | 56C | BMU32P2DFCR | \$1,728 | DS-3BMR | 1.25 | 17.9 | 35 | 86.5 | 4.5-4.3/2.1 | 10.0 | |
| | 1800 | 208-230/460 | 145TC | BMU32P2DCR | \$1,666 | DS-3BMR | 1.25 | 17.9 | 35 | 86.5 | 4.5-4.3/2.1 | 10.0 | |
| 2 | 1800 | 208-230/460 | 56C | BMU2P2DFCR | \$1,771 | DS-3BMR | 1.25 | 17.9 | 35 | 86.5 | 5.9-5.7/2.8 | 10.0 | |
| | 1800 | 208-230/460 | 145TC | BMU2P2DCR | \$1,713 | DS-3BMR | 1.25 | 17.9 | 35 | 86.5 | 5.9-5.7/2.8 | 10.0 | |
| 3 | 1800 | 208-230/460 | 182TC | BMU3P2DCR | \$2,393 | DS-3BMR | 1.25 | 21.6 | 70 | 89.5 | 8.4-7.8/3.9 | 15.0 | |
| 5 | 1800 | 208-230/460 | 184TC | BMU5P2DCR | \$2,954 | DS-3BMR | 1.25 | 22.3 | 85 | 90.2 | 13.6-12.3/6.2 | 25.0 | |

Note LA Limited Availability