

Single and three phase, TEFC

1/4 thru 30 Hp

IP44*



Features:

- Manual release
- Spring-set brake
- Vibration damping base
- Super-E® motors have NEMA Premium® efficiency
- Three phase motors suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated

Applications:

- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Disc. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Brake Rating (b) | Notes (a) |
|-----------------------------------|------|------------|------------------|------------|------------|----------|----------------|----------------------|-------------|----------------|------------------|---------------|
| Single phase, foot mounted | | | | | | | | | | | | |
| 1/4 | 1800 | 56 | BL3516 | 1,548 | BE1 | 14.36 | 27 | 59.5 | 115/230 | 2.1 | 3 | 2, 30, 41, 60 |
| 1/3 | 1800 | 56 | BL3517 | 1,632 | BE1 | 15.46 | 27 | 60 | 115/230 | 3 | 3 | 30, 41 |
| 1/2 | 1800 | 56 | BL3518 | 1,770 | BE1 | 16.08 | 32 | 68 | 115/230 | 3.7 | 3 | 30, 41 |
| Single phase, footless | | | | | | | | | | | | |
| 1/3 | 1800 | 56C | KBL3406 | 1,714 | BE1 | 15.45 | 27 | 60 | 115/230 | 3 | 3 | 30, 41 |
| 1/2 | 1800 | 56C | KBL3409 | 1,880 | BE1 | 16.07 | 32 | 68 | 115/230 | 3.7 | 3 | 30, 41 |
| 3/4 | 1800 | 56C | VBL3507 | 2,442 | BE1 | 16.82 | 40 | 72 | 115/230 | 4.2 | 6 | 30, 41 |
| 1 | 1800 | 56C | VBL3510 | 2,587 | BE1 | 17.80 | 49 | 76.5 | 115/230 | 4.5 | 6 | 30, 41 |
| | | 143TC | VBL3510T | 2,587 | BE1 | 17.86 | 49 | 76.5 | 115/230 | 4.5 | 6 | 30, 41 |
| Foot mounted | | | | | | | | | | | | |
| 1/3 | 1800 | 56 | BM3569 | 1,505 | BE3 | 14.36 | 27 | 70 | 208-230/460 | 0.7 | 3 | 2, 38, 41, 60 |
| | | 56 | BM3538 | 1,635 | BE3 | 14.98 | 31 | 75.5 | 208-230/460 | 0.9 | 3 | 2, 38, 41, 60 |
| 1/2 | 1200 | 56 | BM3539 | 2,253 | BE3 | 16.45 | 35 | 72 | 230/460 | 1.2 | 6 | 30, 38, 41 |
| | | 56 | BM3542 | 1,913 | BE3 | 16.45 | 31 | 75.5 | 208-230/460 | 1.5 | 6 | 38, 41 |
| 3/4 | 1200 | 56 | BM3543 | 2,365 | BE3 | 17.45 | 39 | 77 | 208-230/460 | 1.5 | 6 | 38, 41 |
| | | 56 | EBM3546 | 2,594 | BE3 | 16.80 | 44 | 85.5 | 230/460 | 1.5 | 6 | 30, 41 |
| 1 | 1800 | 143T | EBM3546T | 2,646 | BE3 | 17.86 | 46 | 85.5 | 230/460 | 1.5 | 6 | 30, 41 |
| | | 145T | EBM3554T | 2,979 | BE3 | 17.86 | 52 | 86.5 | 230/460 | 2.2 | 10 | 30, 41 |
| 2 | 1800 | 145T | EBM3558T | 3,127 | BE3 | 17.86 | 57 | 86.5 | 230/460 | 2.9 | 10 | 30, 41 |
| 3 | 1800 | 182T | EBM3611T | 3,944 | BE3 | 21.12 | 89 | 89.5 | 230/460 | 4.2 | 15 | 30, 41 |
| 5 | 1800 | 184T | EBM3615T | 4,782 | BE3 | 22.65 | 106 | 89.5 | 230/460 | 6.7 | 25 | 30, 42 |
| 7 1/2 | 1800 | 213T | EBM3710T | 6,307 | BE3 | 27.20 | 158 | 91.7 | 230/460 | 9.4 | 35 | 30, 40 |
| 10 | 1800 | 215T | EBM3714T | 7,927 | BE3 | 29.19 | 165 | 91.7 | 230/460 | 12 | 50 | 30, 40 |
| 15 | 1800 | 254T | EBM2333T | 11,214 | BE3 | 33.07 | 337 | 92.4 | 230/460 | 18.1 | 75 | 30 |
| 20 | 1800 | 256T | EBM2334T | 14,550 | BE3 | 33.57 | 398 | 93 | 230/460 | 24 | 105 | 30 |
| 25 | 1800 | 284T | EBM4103T | 18,380 | BE3 | 39.66 | 516 | 93.6 | 230/460 | 30 | 105 | 30 |
| 30 | 1800 | 284T | EBM4104T | 20,727 | BE3 | 42.84 | 667 | 93.6 | 230/460 | 37 | 125 | 30 |
| C-Face, foot mounted | | | | | | | | | | | | |
| 1 | 1800 | 143TC | CEBM3546T | 2,587 | BE3 | 17.86 | 43 | 85.5 | 230/460 | 1.7 | 6 | 41 |
| 1 1/2 | 1800 | 145TC | CEBM3554T | 2,786 | BE3 | 17.86 | 48 | 86.5 | 230/460 | 2.2 | 10 | 41 |
| 2 | 1800 | 145TC | CEBM3558T | 2,865 | BE3 | 17.86 | 52 | 86.5 | 230/460 | 2.9 | 10 | 41 |
| 3 | 1800 | 182TC | CEBM3611T | 3,203 | BE3 | 21.11 | 77 | 89.5 | 230/460 | 4.2 | 15 | 1, 41 |
| 5 | 1800 | 184TC | CEBM3615T | 3,753 | BE3 | 23.06 | 101 | 89.5 | 230/460 | 6.7 | 25 | 1, 42 |
| 7 1/2 | 1800 | 213TC | CEBM3710T | 6,881 | BE3 | 27.95 | 149 | 91.7 | 230/460 | 9.4 | 35 | 1, 40 |
| 10 | 1800 | 215TC | CEBM3714T | 7,504 | BE3 | 29.95 | 183 | 91.7 | 230/460 | 12 | 50 | 1, 42 |

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

■ Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)