

**Three Phase,  
Super-E  
Premium Efficient,  
TEFC**

**1 thru 30 Hp**

**NEMA 56 thru 284T**

**Applications:** Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



**Features:** Standard NEMA BA dimension. (C-Face may be added in ModExpress to EBM motors for C-Face with base). Spring-set brake. Power off manual release. Resets automatically. Class F insulated with 1.15 service factor. Motors have NEMA Premium® Efficiency and are suitable for inverter use. 230/460V brakes are connected in conduit box allowing for separate connection when used with an inverter.

| Hp                      | RPM  | NEMA Frame | Catalog Number   | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage     | Full Load Amps | Brake Rating | Notes (a) |
|-------------------------|------|------------|------------------|------------|------------|----------|----------------|----------------------|-------------|----------------|--------------|-----------|
| <b>Foot Mounted</b>     |      |            |                  |            |            |          |                |                      |             |                |              |           |
| 1                       | 1800 | 56         | <b>EBM3546</b>   | 1,529      | K          | 16.80    | 38             | 85.5                 | 208-230/460 | 1.5            | 6            | 41        |
|                         |      | 143T       | <b>EBM3546T</b>  | 1,560      | L1         | 17.86    | 38             | 85.5                 | 208-230/460 | 1.5            | 6            | 41        |
| 1 1/2                   | 1800 | 145T       | <b>EBM3554T</b>  | 1,756      | L1         | 17.86    | 48             | 86.5                 | 208-230/460 | 2.2            | 10           | 41        |
| 2                       | 1800 | 145T       | <b>EBM3558T</b>  | 1,795      | L1         | 18.74    | 48             | 86.5                 | 208-230/460 | 2.9            | 10           | 41        |
| 3                       | 1800 | 182T       | <b>EBM3611T</b>  | 2,325      | L1         | 21.12    | 77             | 89.5                 | 208-230/460 | 4.2            | 15           | 41        |
| 5                       | 1800 | 184T       | <b>EBM3615T</b>  | 2,819      | L1         | 22.65    | 93             | 89.5                 | 208-230/460 | 6.7            | 25           | 40        |
| 7 1/2                   | 1800 | 213T       | <b>EBM3710T</b>  | 3,780      | L1         | 27.20    | 158            | 91.7                 | 230/460     | 9.4            | 35           | 30, 40    |
| 10                      | 1800 | 215T       | <b>EBM3714T</b>  | 4,673      | L1         | 29.19    | 165            | 91.7                 | 208-230/460 | 12             | 50           | 40        |
| 15                      | 1800 | 254T       | <b>EBM2333T</b>  | 6,611      | L1         | 33.07    | 312            | 92.4                 | 230/460     | 18.5           | 75           | 30        |
| 20                      | 1800 | 256T       | <b>EBM2334T</b>  | 8,016      | L1         | 33.57    | 331            | 93                   | 230/460     | 24             | 105          | 30        |
| 25                      | 1800 | 284T       | <b>EBM4103T</b>  | 9,022      | L1         | 39.66    | 504            | 93.6                 | 230/460     | 30             | 105          | 30        |
| 30                      | 1800 | 284T       | <b>EBM4104T</b>  | 12,220     | L1         | 42.84    | 667            | 93.6                 | 230/460     | 37             | 125          | 30        |
| <b>C-Face, Footless</b> |      |            |                  |            |            |          |                |                      |             |                |              |           |
| 1/2                     | 1800 | 56C        | <b>VEBNM3538</b> | 1,392      | K          | 15.26    | 41             | 84                   | 230/460     | 0.9            | 3            | 41        |
| 3/4                     | 1800 | 56C        | <b>VEBNM3542</b> | 1,565      | K          | 15.26    | 40             | 84                   | 208-230/460 | 1.1            | 6            | 41        |
| 1                       | 1800 | 56C        | <b>VEBM3546</b>  | 1,586      | K          | 16.80    | 45             | 85.5                 | 208-230/460 | 1.5            | 6            | 41        |
|                         |      | 143TC      | <b>VEBM3546T</b> | 1,597      | L1         | 17.86    | 38             | 85.5                 | 208-230/460 | 1.5            | 6            | 41        |
| 1 1/2                   | 1800 | 56C        | <b>VEBM3554</b>  | 1,783      | K          | 17.80    | 47             | 86.5                 | 208-230/460 | 2.2            | 6            | 41        |
|                         |      | 145TC      | <b>VEBM3554T</b> | 1,795      | L1         | 17.86    | 41             | 86.5                 | 208-230/460 | 2.2            | 10           | 41        |
| 2                       | 1800 | 56C        | <b>VEBM3558</b>  | 1,832      | K          | 18.67    | 56             | 86.5                 | 208-230/460 | 2.9            | 6            |           |
|                         |      | 145TC      | <b>VEBM3558T</b> | 1,832      | L1         | 18.74    | 48             | 86.5                 | 208-230/460 | 2.9            | 10           | 41        |
| 3                       | 1800 | 182TC      | <b>VEBM3611T</b> | 2,400      | L1         | 21.11    | 72             | 89.5                 | 208-230/460 | 4.2            | 15           | 41        |
| 5                       | 1800 | 184TC      | <b>VEBM3615T</b> | 2,890      | L1         | 23.06    | 99             | 89.5                 | 208-230/460 | 6.7            | 25           | 40        |
| 7 1/2                   | 1800 | 213TC      | <b>VEBM3710T</b> | 3,946      | L1         | 27.95    | 172            | 91.7                 | 230/460     | 9.4            | 35           | 30, 40    |
| 10                      | 1800 | 215TC      | <b>VEBM3714T</b> | 4,838      | L1         | 29.95    | 165            | 91.7                 | 208-230/460 | 12             | 50           | 40        |

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

Single and Three Phase, TEFC, Foot Mounted

1/4 thru 30 Hp

NEMA 56 thru 286T

**Applications:** Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



**Features:** Spring-set brake. Power off operation manual release. Resets automatically. Brakes internally connected to motor on 215T and smaller.

| Hp                  | RPM  | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage     | Full Load Amps | Brake Rating | Notes (a)     |
|---------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|-------------|----------------|--------------|---------------|
| <b>Single Phase</b> |      |            |                |            |            |          |                |                      |             |                |              |               |
| 1/4                 | 1800 | 56         | <b>BL3516</b>  | 874        | K          | 14.36    | 28             | 59.5                 | 115/230     | 2.1            | 3            | 2, 30, 41, 60 |
| 1/3                 | 1800 | 56         | <b>BL3517</b>  | 921        | K          | 15.46    | 29             | 60                   | 115/230     | 3              | 3            | 30, 41        |
| 1/2                 | 1800 | 56         | <b>BL3518</b>  | 1,000      | K          | 16.08    | 33             | 68                   | 115/230     | 3.7            | 3            | 30, 41        |
| 3/4                 | 1800 | 56         | <b>BL3507</b>  | 1,313      | K          | 16.71    | 42             | 72                   | 115/230     | 4.2            | 6            | 30, 41        |
| 1                   | 1800 | 56         | <b>BL3510</b>  | 1,390      | K          | 17.11    | 48             | 68                   | 115/230     | 6.4            | 6            | 30, 41        |
| <b>Three Phase</b>  |      |            |                |            |            |          |                |                      |             |                |              |               |
| 1/4                 | 1800 | 56         | <b>BM3568</b>  | 839        | K          | 14.36    | 27             | 68                   | 208-230/460 | 0.5            | 3            | 2, 41, 60     |
| 1/3                 | 1800 | 56         | <b>BM3569</b>  | 887        | K          | 14.36    | 28             | 70                   | 208-230/460 | 0.7            | 3            | 2, 41, 60     |
| 1/2                 | 1800 | 56         | <b>BM3538</b>  | 964        | K          | 14.98    | 31             | 75.5                 | 208-230/460 | 0.9            | 3            | 2, 41, 60     |
|                     | 1200 | 56         | <b>BM3539</b>  | 1,328      | K          | 16.45    | 32             | 72                   | 230/460     | 1.2            | 6            | 30, 41        |
| 3/4                 | 1800 | 56         | <b>BM3542</b>  | 1,128      | K          | 16.45    | 32             | 75.5                 | 208-230/460 | 1.5            | 6            | 41            |
|                     | 1200 | 56         | <b>BM3543</b>  | 1,394      | K          | 17.45    | 41             | 77                   | 208-230/460 | 1.5            | 6            | 41            |
| 1                   | 1800 | 56         | <b>BM3546</b>  | 1,309      | K          | 17.45    | 39             | 78.5                 | 208-230/460 | 1.7            | 6            | 41            |
|                     |      | 143T       | <b>BM3546T</b> | 1,309      | L1         | 17.01    | 39             | 78.5                 | 208-230/460 | 1.7            | 6            | 41            |
|                     |      | 182        | <b>BM3603</b>  | 1,814      | L1         | 17.49    | 40             | 75.5                 | 208-230/460 | 1.8            | 6            | 41            |
| 1 1/2               | 1800 | 145T       | <b>BM3556T</b> | 1,864      | L1         | 16.49    | 42             | 78.5                 | 208-230/460 | 1.9            | 10           | 41            |
|                     |      | 56         | <b>BM3554</b>  | 1,469      | K          | 17.11    | 45             | 84                   | 208-230/460 | 2.4            | 10           | 41            |
| 2                   | 1800 | 145T       | <b>BM3554T</b> | 1,469      | L1         | 17.49    | 44             | 84                   | 208-230/460 | 2.4            | 10           | 41            |
|                     |      | 184        | <b>BM3606</b>  | 1,940      | L1         | 17.49    | 37             | 81.5                 | 208-230/460 | 2.3            | 10           | 41            |
|                     |      | 56         | <b>BM3558</b>  | 1,505      | K          | 17.11    | 43             | 82.5                 | 208-230/460 | 3              | 10           | 41            |
| 3                   | 1800 | 145T       | <b>BM3558T</b> | 1,505      | L1         | 17.49    | 51             | 82.5                 | 208-230/460 | 3              | 10           | 41            |
|                     |      | 184        | <b>BM3609</b>  | 2,019      | L1         | 17.49    | 43             | 82.5                 | 208-230/460 | 3              | 10           | 41            |
|                     |      | 184T       | <b>BM3614T</b> | 2,494      | L1         | 20.57    | 81             | 80                   | 208-230/460 | 3.3            | 15           | 41            |
| 5                   | 1800 | 182T       | <b>BM3611T</b> | 2,040      | L1         | 19.19    | 69             | 82.5                 | 208-230/460 | 4.3            | 15           | 1, 41         |
|                     |      | 213        | <b>BM3703</b>  | 3,050      | L1         | 22.42    | 81             | 82.5                 | 208-230/460 | 4.3            | 15           | 1             |
| 7 1/2               | 1800 | 213T       | <b>BM3704T</b> | 3,695      | L1         | 25.88    | 109            | 84                   | 208-230/460 | 4.8            | 35           | 1, 40         |
|                     |      | 184T       | <b>BM3615T</b> | 2,531      | L1         | 21.02    | 81             | 85.5                 | 208-230/460 | 6.6            | 25           | 1, 40         |
|                     |      | 184T       | <b>BM3635T</b> | 2,151      | L1         | 21.02    | 89             | 85.5                 | 208-230/460 | 6.6            | 15           | 1             |
| 10                  | 1800 | 215        | <b>BM3707</b>  | 3,730      | L1         | 22.87    | 91             | 85.5                 | 208-230/460 | 6.6            | 25           | 1, 40         |
|                     |      | 213T       | <b>BM3710T</b> | 3,253      | L1         | 25.88    | 155            | 87.5                 | 208-230/460 | 10.9           | 35           | 1, 40         |
| 15                  | 1800 | 213T       | <b>BM3730T</b> | 3,087      | L1         | 25.88    | 138            | 89.5                 | 208-230/460 | 10.1           | 25           | 1, 40         |
|                     |      | 215T       | <b>BM3714T</b> | 4,139      | L1         | 27.51    | 154            | 89.5                 | 208-230/460 | 13.5           | 50           | 1, 2, 20      |
| 20                  | 1800 | 215T       | <b>BM3734T</b> | 3,426      | L1         | 27.51    | 158            | 89.5                 | 208-230/460 | 13.5           | 35           | 1, 2, 20, 40  |
|                     |      | 254T       | <b>BM2353T</b> | 5,010      | L1         | 29.38    | 249            | 89.5                 | 208-230/460 | 18.9           | 50           | 1             |
| 25                  | 1800 | 256T       | <b>BM2334T</b> | 6,885      | L1         | 31.63    | 273            | 91                   | 230/460     | 25             | 105          | 1, 30         |
|                     |      | 256T       | <b>BM2354T</b> | 5,822      | L1         | 31.13    | 273            | 91                   | 230/460     | 25             | 75           | 1, 30         |
| 30                  | 1800 | 284T       | <b>BM4103T</b> | 7,290      | L1         | 35.83    | 416            | 92.4                 | 230/460     | 30             | 105          | 1, 30         |
| 30                  | 1800 | 286T       | <b>BM4104T</b> | 10,224     | L1         | 39.13    | 545            | 92.4                 | 230/460     | 37             | 125          | 1, 30         |

(a) See notes on inside back flap.

Enclosed brake motors have non-standard "BA" dimension except for TENV ratings.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 375 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**Single and Three Phase, TEFC, C-Face**

**1/4 thru 10 Hp**

**NEMA 56C thru 215TC**

**Applications:** Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



**Features:** Spring-set brake. Power off operation manual release. Resets automatically. Brakes internally connected to motor on 215T and smaller.

| Hp                                       | RPM  | NEMA Frame | Catalog Number    | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage     | Full Load Amps | Brake Rating | Notes (a) |
|--|------|------------|-------------------|------------|------------|----------|----------------|----------------------|-------------|----------------|--------------|-----------|
| <b>Single Phase, C-Face, Footless</b>    |      |            |                   |            |            |          |                |                      |             |                |              |           |
| 1/3                                      | 1800 | 56C        | <b>KBL3406</b>    | 939        | K          | 15.45    | 28             | 60                   | 115/230     | 3              | 3            | 30, 41    |
| 1/2                                      | 1800 | 56C        | <b>KBL3409</b>    | 1,031      | K          | 16.07    | 33             | 68                   | 115/230     | 3.7            | 3            | 30, 41    |
| 3/4                                      | 1800 | 56C        | <b>VBL3507</b>    | 1,338      | K          | 16.82    | 41             | 72                   | 115/230     | 4.2            | 6            | 30, 41    |
| 1  | 1800 | 56C        | <b>VBL3510</b>    | 1,418      | K          | 17.80    | 48             | 68                   | 115/230     | 6.4            | 6            | 30, 41    |
|  |      | 143TC      | <b>VBL3510T</b>   | 1,418      | L1         | 17.86    | 41             | 68                   | 115/230     | 6.4            | 6            | 30, 41    |
| <b>Three Phase, C-Face, Foot Mounted</b> |      |            |                   |            |            |          |                |                      |             |                |              |           |
| 1  | 1800 | 143TC      | <b>CBM3546T</b>   | 1,373      | L1         | 17.86    | 40             | 75.5                 | 208-230/460 | 1.8            | 6            | 41        |
| 1 1/2                                    | 1800 | 145TC      | <b>CBM3554T</b>   | 1,539      | L1         | 17.86    | 37             | 81.5                 | 208-230/460 | 2.3            | 10           | 41        |
| 2  | 1800 | 145TC      | <b>CBM3558T</b>   | 1,582      | L1         | 17.86    | 43             | 82.5                 | 208-230/460 | 3              | 10           | 41        |
| 3  | 1800 | 182TC      | <b>CBM3611T</b>   | 2,136      | L1         | 19.74    | 72             | 82.5                 | 208-230/460 | 4.3            | 15           | 1, 41     |
| 5  | 1800 | 184TC      | <b>CBM3615T</b>   | 2,670      | L1         | 21.56    | 81             | 85.5                 | 208-230/460 | 6.6            | 25           | 8         |
| 7 1/2                                    | 1800 | 213TC      | <b>CBM3710T</b>   | 3,404      | L1         | 26.83    | 160            | 87.5                 | 208-230/460 | 10.9           | 35           | 1         |
| 10                                       | 1800 | 215TC      | <b>CBM3714T</b>   | 4,372      | L1         | 28.45    | 154            | 89.5                 | 208-230/460 | 13.5           | 50           | 1         |
| <b>Three Phase, C-Face, Footless</b>     |      |            |                   |            |            |          |                |                      |             |                |              |           |
| 1/4                                      | 1800 | 56C        | <b>KBM3454</b>    | 833        | K          | 14.36    | 26             | 68                   | 208-230/460 | 0.5            | 3            | 2, 41, 60 |
| 1/3                                      | 1800 | 56C        | <b>KBM3458</b>    | 885        | K          | 14.36    | 28             | 70                   | 208-230/460 | 0.7            | 3            | 2, 41, 60 |
| 1/2                                      | 1800 | 56C        | <b>VBM3538</b>    | 986        | K          | 14.98    | 31             | 75.5                 | 208-230/460 | 0.9            | 3            | 2, 41, 60 |
| 3/4                                      | 1800 | 56C        | <b>VBM3542</b>    | 1,155      | K          | 15.86    | 37             | 75                   | 208-230/460 | 1.3            | 6            | 2, 41, 60 |
|  |      | 56C        | <b>VBM3542-5</b>  | 1,155      | K          | 15.26    | 41             | 80                   | 575         | 0.9            | 6            | 2, 41, 60 |
|  |      | 56C        | <b>VBM3546</b>    | 1,330      | K          | 16.96    | 31             | 84                   | 208-230/460 | 1.1            | 6            | 41        |
| 1  | 1800 | 143TC      | <b>VBM3546T</b>   | 1,330      | L1         | 17.02    | 39             | 78.5                 | 208-230/460 | 1.7            | 6            | 41        |
|  |      | 143TC      | <b>VBM3546T-5</b> | 1,330      | L1         | 16.86    | 41             | 75.5                 | 575         | 1.5            | 6            | 41        |
| 1 1/2                                    | 1800 | 56C        | <b>VBM3554</b>    | 1,493      | K          | 17.80    | 45             | 84                   | 208-230/460 | 2.4            | 10           | 41        |
|  |      | 145TC      | <b>VBM3554T</b>   | 1,493      | L1         | 17.86    | 45             | 84                   | 208-230/460 | 2.4            | 10           | 41        |
| 2  | 1800 | 56C        | <b>VBM3558</b>    | 1,530      | K          | 17.80    | 51             | 82.5                 | 208-230/460 | 3              | 10           | 41        |
|  |      | 145TC      | <b>VBM3558T</b>   | 1,530      | L1         | 17.86    | 50             | 82.5                 | 208-230/460 | 3              | 10           | 41        |
| 3  | 1800 | 182TC      | <b>VBM3611T</b>   | 2,139      | L1         | 19.74    | 72             | 82.5                 | 208-230/460 | 4.3            | 15           | 1, 41     |
| 5  | 1800 | 184TC      | <b>VBM3615T</b>   | 2,643      | L1         | 21.56    | 81             | 85.5                 | 208-230/460 | 6.6            | 25           | 1, 40     |
| 7 1/2                                    | 1800 | 213TC      | <b>VBM3710T</b>   | 3,386      | L1         | 26.83    | 128            | 87.5                 | 208-230/460 | 10.9           | 35           | 1, 40     |
| 10                                       | 1800 | 215TC      | <b>VBM3714T</b>   | 4,296      | L1         | 28.45    | 154            | 89.5                 | 208-230/460 | 13.5           | 50           | 1         |

(a) See notes on inside back flap.

If brake motors are to be used with any electronic control, soft start, inverter or vector etc., then brake must be externally connected.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

Three Phase, ODP

1/2 thru 15 Hp

NEMA 56 thru 254T



**Applications:** Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.

**Features:** Spring-set brake. Power off operation manual release. Resets automatically. Brakes internally connected to motor on 215T and smaller.

| Hp                      | RPM  | NEMA Frame | Catalog Number  | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage     | Full Load Amps | Brake Rating | Notes (a) |
|-------------------------|------|------------|-----------------|------------|------------|----------|----------------|----------------------|-------------|----------------|--------------|-----------|
| <b>Foot Mounted</b>     |      |            |                 |            |            |          |                |                      |             |                |              |           |
| 1/2                     | 1800 | 56         | <b>BM3108</b>   | 908        | K          | 14.14    | 29             | 74                   | 230/460     | 1              | 3            | 30, 41    |
| 3/4                     | 1800 | 56         | <b>BM3112</b>   | 1,057      | K          | 14.77    | 31             | 75.5                 | 208-230/460 | 1.5            | 6            | 41        |
| 1                       | 1800 | 56         | <b>BM3116</b>   | 1,150      | K          | 15.64    | 34             | 78.5                 | 208-230/460 | 1.7            | 3            | 41        |
|                         |      | 143T       | <b>EBM3116T</b> | 1,343      | L1         | 16.37    | 49             | 87.5                 | 208-230/460 | 1.5            | 6            |           |
| 1 1/2                   | 1800 | 145T       | <b>EBM3154T</b> | 1,488      | L1         | 16.37    | 48             | 86.5                 | 230/460     | 2.2            | 10           | 41        |
| 2                       | 1800 | 145T       | <b>EBM3157T</b> | 1,698      | L1         | 16.37    | 50             | 86.5                 | 230/460     | 2.9            | 10           | 41        |
| 3                       | 1800 | 182T       | <b>EBM3211T</b> | 2,083      | L1         | 19.57    | 81             | 89.5                 | 208-230/460 | 4.2            | 15           |           |
| 5                       | 1800 | 184T       | <b>EBM3218T</b> | 2,574      | L1         | 21.52    | 104            | 89.5                 | 208-230/460 | 6.4            | 25           |           |
|                         |      | 184T       | <b>EBM3248T</b> | 2,212      | L1         | 21.06    | 103            | 89.5                 | 208-230/460 | 6.4            | 15           |           |
| 7 1/2                   | 1800 | 213T       | <b>EBM3311T</b> | 3,235      | L1         | 24.45    | 145            | 91                   | 208-230/460 | 9.7            | 35           |           |
| 10                      | 1800 | 215T       | <b>EBM3313T</b> | 4,064      | L1         | 26.08    | 159            | 91.7                 | 208-230/460 | 12.5           | 50           |           |
| 15                      | 1800 | 254T       | <b>EBM2513T</b> | 5,375      | L1         | 29.88    | 234            | 93                   | 208-230/460 | 17.7           | 75           |           |
| <b>C-Face, Footless</b> |      |            |                 |            |            |          |                |                      |             |                |              |           |
| 1/2                     | 1800 | 56C        | <b>VBM3108</b>  | 929        | K          | 14.36    | 28             | 74                   | 230/460     | 1              | 3            | 30, 41    |
| 3/4                     | 1800 | 56C        | <b>VBM3112</b>  | 1,086      | K          | 15.36    | 32             | 75.5                 | 208-230/460 | 1.5            | 6            | 41        |
| 1                       | 1800 | 56C        | <b>VBM3116</b>  | 1,175      | K          | 15.36    | 34             | 78.5                 | 208-230/460 | 1.7            | 6            | 41        |
|                         |      | 143TC      | <b>VBM3116T</b> | 1,269      | L1         | 15.32    | 41             | 82.5                 | 208-230/460 | 1.6            | 6            | 41        |
| 1 1/2                   | 1800 | 56C        | <b>VBM3154</b>  | 1,366      | K          | 15.26    | 44             | 80                   | 208-230/460 | 2.5            | 10           | 41        |
|                         |      | 145TC      | <b>VBM3154T</b> | 1,475      | L1         | 15.32    | 38             | 84                   | 208-230/460 | 2.4            | 10           | 41        |
| 2                       | 1800 | 145TC      | <b>VBM3157T</b> | 1,662      | L1         | 16.32    | 43             | 84                   | 208-230/460 | 3.2            | 10           | 41        |
| 3                       | 1800 | 182TC      | <b>VBM3211T</b> | 2,105      | L1         | 19.57    | 81             | 86.5                 | 208-230/460 | 4.3            | 15           | 41        |
| 5                       | 1800 | 184TC      | <b>VBM3218T</b> | 2,612      | L1         | 20.02    | 74             | 87.5                 | 208-230/460 | 7.2            | 25           | 40        |
|                         |      | 184TC      | <b>VBM3248T</b> | 2,197      | L1         | 19.57    | 74             | 87.5                 | 208-230/460 | 7.2            | 15           | 40        |

(a) See notes on inside back flap.

If brake motors are to be used with any electronic control, soft start, inverter or vector etc., then brake must be externally connected.

**ALL BRAKE MOTORS WITH 20 FT.-LB OR SMALLER BRAKES CAN BE MOUNTED HORIZONTAL OR VERTICAL. FOR LARGER RATINGS CONSULT A BALDOR DISTRICT OFFICE. ALL MOTORS INCLUDE MANUAL RELEASE BRAKES AS STANDARD. BRAKES ON NON-EXPLOSION PROOF MOTORS 10 HP AND BELOW ARE INTERNALLY CONNECTED.**

Farm Duty Motors  
 Definite Purpose Motors  
 Unit Handling Motors  
 Brake Motors  
 200 & 575 Volt Motors  
 IEC Frame Motors  
 50 Hertz Motors  
 Inverter/Vector Motors & Controls  
 DC Motors and Controls  
 Soft Starters & Dynamic Brakes

**BALDOR • RELIANCE**

**Three Phase,  
Explosion Proof,  
C-Face**

**1/2 thru 5 Hp**

**NEMA 56C thru 215TC**

**Applications:** Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.

**Features:** Spring-set brake. Power off operation manual release. Resets automatically. Explosion proof brakes require external connections. UL and CSA approved for Division 1, Class I, Group D; Class I, Group D, Class II, Group F & G.



| Hp  | RPM  | NEMA Frame | Catalog Number   | XP Cls/Grp | Temp Code | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage     | Full Load Amps | Brake Rating | Notes (a) |
|-----|------|------------|------------------|------------|-----------|------------|------------|----------|----------------|----------------------|-------------|----------------|--------------|-----------|
| 1/2 | 1800 | 56C        | <b>CBM7006</b>   | ②          | T3C       | 3,306      | K          | 19.44    | 94             | 80                   | 208-230/460 | 0.8            | 3            |           |
| 3/4 | 1800 | 56C        | <b>CBM7010</b>   | ①          | T2C       | 3,682      | K          | 19.13    | 93             | 78.5                 | 208-230/460 | 1.4            | 6            | 2, 60     |
| 1   | 1800 | 143TC      | <b>CBM7014T</b>  | ②          | T3C       | 4,244      | L1         | 19.50    | 95             | 82.5                 | 208-230/460 | 1.4            | 6            | 2, 60     |
| 2   | 1800 | 182TC      | <b>CBM7023T</b>  | ①          | T2C       | 5,137      | L1         | 23.24    | 138            | 84                   | 230/460     | 2.9            | 10           | 2, 60     |
| 3   | 1800 | 182TC      | <b>CEBM7142T</b> | ②          | T3C       | 6,217      | L1         | 27.22    | 240            | 91.7                 | 230/460     | 12             | 15           |           |
|     |      | 215TC      | <b>CBM7027T</b>  | ①          | T2C       | 7,122      | L1         | 27.29    | 215            | 84                   | 230/460     | 4.3            | 15           | 2, 40, 60 |
| 5   | 1800 | 184TC      | <b>CEBM7144T</b> | ②          | T3C       | 7,489      | L1         | 27.22    | 289            | 91.7                 | 230/460     | 12             | 25           |           |

(a) See notes on inside back flap.

① = Class I, Group D; ② = Class I, Group D, Class II, Group F & G

■ Cast Iron Frame

**Washdown,  
Three Phase,  
Totally Enclosed,  
C-Face,  
Foot Mounted**

**1/2 thru 5 Hp**

**NEMA 56C thru 184TC**

**Applications:** Food processing and other applications where motors receive washdown on a regular basis.

**Features:** Class F insulated motor with 1.15 service factor or higher that operates within class "B" temperature limits at rated horsepower. Standard NEMA BA dimension, 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and end plates. Neoprene gaskets. Spring-set brake internally connected to the motor. Power off manual release. Resets automatically. Motors have NEMA Premium® Efficiency and inverter-ready. 230/460V brakes are connected in conduit box allowing for separate connection when used with an inverter.



| Hp    | RPM  | NEMA Frame | Enclosure | Catalog Number     | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage     | Full Load Amps | Brake Rating | Notes (a) |
|-------|------|------------|-----------|--------------------|------------|------------|----------|----------------|----------------------|-------------|----------------|--------------|-----------|
| 1/2   | 1800 | 56C        | TENV      | <b>CEWDBM3538</b>  | 2,025      | WD         | 15.31    | 42             | 84                   | 208-230/460 | 0.9            | 3            | 60        |
| 3/4   | 1800 | 56C        | TENV      | <b>CEWDBM3542</b>  | 2,188      | WD         | 15.31    | 44             | 84                   | 230/460     | 1.1            | 6            | 60        |
| 1     | 1800 | 56C        | TENV      | <b>CEWDBM3546</b>  | 2,246      | WD         | 16.31    | 50             | 85.5                 | 208-230/460 | 1.5            | 6            | 60        |
|       |      | 143TC      | TENV      | <b>CEWDBM3546T</b> | 2,269      | WD         | 16.81    | 51             | 85.5                 | 208-230/460 | 1.5            | 6            | 60        |
| 1 1/2 | 1800 | 145TC      | TENV      | <b>CEWDBM3554T</b> | 2,444      | WD         | 18.14    | 61             | 86.5                 | 208-230/460 | 2.1            | 10           | 60        |
| 2     | 1800 | 145TC      | TEFC      | <b>CEWDBM3558T</b> | 2,487      | WD         | 19.44    | 48             | 86.5                 | 208-230/460 | 2.9            | 10           |           |
| 3     | 1800 | 182TC      | TEFC      | <b>CEWDBM3611T</b> | 3,009      | WD         | 21.80    | 93             | 89.5                 | 208-230/460 | 4.2            | 15           |           |
| 5     | 1800 | 184TC      | TEFC      | <b>CEWDBM3615T</b> | 3,635      | WD         | 23.30    | 93             | 89.5                 | 208-230/460 | 6.7            | 25           |           |

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

## Double C-Face Motor Brake Kits

**Coil Voltage: 115/208-230**

**Features:** Double C-Face coupler brakes. Mounts on motors with C-Face, provides NEMA C-face mounting on brake. Spring set, electrically released.



| Brake Rating | Brake Mounting | Catalog Number | List Price | Mult. Sym. | Ap'x. Shpg. Wgt. |
|--------------|----------------|----------------|------------|------------|------------------|
| 3 ft-lb      | 56C            | CBK003-1       | 670        | A8         | 12               |
| 6 ft-lb      | 56C            | CBK006-1       | 986        | A8         | 12               |
| 6 ft-lb      | 145TC          | CBK006-2       | 986        | A8         | 12               |
| 10 ft-lb     | 145TC          | CBK010-1       | 1,150      | A8         | 12               |
| 15 ft-lb     | 145TC          | CBK015-1       | 2,457      | A8         | 12               |

Farm Duty  
MotorsDefinite Purpose  
MotorsUnit Handling  
Motors

Brake Motors

200 & 575 Volt  
MotorsIEC Frame  
Motors50 Hertz  
MotorsInverter/Vector  
Motors & ControlsDC Motors  
and ControlsSoft Starters &  
Dynamic Brakes