

**200 Volt,
Three Phase,
TEFC, Foot Mounted**

1/2 thru 50 Hp

NEMA 56C thru 326T

Applications: Pumps, fans, compressors, blowers, machine tools, conveyors and many other applications requiring 200 volt power.



Features: 1.15 Service Factor, positively locked drive end bearing on 254T and larger, ball bearings, dynamically balanced rotors. EM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-----------------------------|------|------------|------------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|---------------|
| Foot Mounted | | | | | | | | | | | | |
| 1 | 1800 | 143T | EM3546T-8 | 641 | L1 | 13.31 | 39 | 85.5 | 200 | 3.5 | B | 1, 30, 68 |
| | | 143T | M3546T-8 | 434 | L1 | 12.31 | 28 | 82.5 | 200 | 4 | B | 68 |
| 1 1/2 | 1800 | 145T | EM3554T-8 | 666 | L1 | 14.19 | 48 | 86.5 | 200 | 4.8 | B | 1, 30, 68 |
| | | 145T | M3554T-8 | 443 | L1 | 12.31 | 36 | 84 | 200 | 6.2 | B | 68 |
| 2 | 1800 | 145T | EM3558T-8 | 690 | L1 | 14.19 | 49 | 86.5 | 200 | 6.3 | B | 1, 30, 68 |
| | | 145T | M3558T-8 | 465 | L1 | 13.31 | 43 | 84 | 200 | 7 | B | 68 |
| 3 | 3600 | 182T | EM3660T-8 | 990 | L1 | 15.24 | 89 | 86.5 | 200 | 7.8 | B | 1, 30, 68 |
| | 1800 | 182T | EM3661T-8 | 1,018 | L1 | 15.24 | 91 | 89.5 | 200 | 9.1 | B | 1, 30, 68 |
| | | 182T | M3611T-8 | 550 | L1 | 15.14 | 53 | 87.5 | 200 | 9.4 | B | 1, 68 |
| 5 | 3600 | 184T | EM3663T-8 | 1,218 | L1 | 15.24 | 97 | 88.5 | 200 | 13 | B | 1, 30, 68 |
| | 1800 | 184T | EM3665T-8 | 1,019 | L1 | 15.24 | 109 | 89.5 | 200 | 14.9 | B | 1, 30, 68 |
| | | 184T | M3615T-8 | 633 | L1 | 16.55 | 74 | 87.5 | 200 | 15.2 | B | 1, 68 |
| 7 1/2 | 3600 | 213T | EM3769T-8 | 1,410 | L1 | 18.45 | 173 | 89.5 | 200 | 19.8 | B | 1, 68 |
| | 1800 | 213T | EM3770T-8 | 1,358 | L1 | 18.45 | 170 | 91.7 | 200 | 21.4 | B | 1, 68 |
| | | 213T | M3710T-8 | 808 | L1 | 17.89 | 113 | 89.5 | 200 | 23.2 | B | 1, 68 |
| 10 | 3600 | 215T | EM3771T-8 | 1,653 | L1 | 18.45 | 203 | 90.2 | 200 | 26.5 | B | 1, 30, 68 |
| | 1800 | 215T | EM3774T-8 | 1,525 | L1 | 18.45 | 231 | 91.7 | 200 | 28.4 | B | 1, 30, 68 |
| | | 215T | M3714T-8 | 981 | L1 | 19.01 | 127 | 89.5 | 200 | 31.3 | B | 2, 20, 68 |
| 15 | 3600 | 254T | EM2394T-8 | 2,276 | L1 | 23.16 | 267 | 91 | 200 | 40 | B | 1, 30, 68 |
| | 1800 | 254T | EM2333T-8 | 2,094 | L1 | 23.16 | 238 | 92.4 | 200 | 42.4 | B | 1, 30, 68 |
| | | 254T | M2333T-8 | 1,722 | L1 | 21.07 | 222 | 91 | 200 | 42.5 | B | 1, 68 |
| 20 | 3600 | 256T | EM4106T-8 | 2,499 | L1 | 23.16 | 285 | 91 | 200 | 52 | B | 1, 24, 30, 69 |
| | 1800 | 256T | EM2334T-8 | 2,540 | L1 | 23.16 | 286 | 93 | 200 | 55.2 | B | 1, 24, 30, 69 |
| | | 256T | M2334T-8 | 2,078 | L1 | 23.28 | 261 | 91 | 200 | 55 | B | 1, 24, 69 |
| 25 | 3600 | 284TS | EM4107T-8 | 3,260 | L1 | 25.70 | 382 | 91.7 | 200 | 65 | B | 1, 24, 69 |
| | 1800 | 284T | EM4103T-8 | 3,321 | L1 | 27.76 | 407 | 93.6 | 200 | 68.4 | B | 1, 24, 69 |
| | | 284T | M4103T-8 | 2,570 | L1 | 26.08 | 361 | 92.4 | 200 | 67 | B | 1, 24, 69 |
| 30 | 3600 | 286TS | EM4108T-8 | 3,875 | L1 | 24.70 | 407 | 91.7 | 200 | 76 | B | 1, 24, 69 |
| | 1800 | 286T | EM4104T-8 | 3,941 | L1 | 27.76 | 426 | 93.6 | 200 | 84 | B | 1, 24, 69 |
| | | 286T | M4104T-8 | 3,036 | L1 | 26.08 | 386 | 92.4 | 200 | 83 | B | 1, 24, 69 |
| 40 | 1800 | 324T | EM4110T-8 | 5,154 | L1 | 30.28 | 604 | 94.1 | 200 | 111 | B | 1, 24, 69 |
| | | 324T | M4110T-8 | 4,028 | L1 | 30.39 | 522 | 93 | 200 | 108 | B | 1, 24, 69 |
| 50 | 1800 | 326T | EM4115T-8 | 5,632 | L1 | 30.28 | 632 | 94.5 | 200 | 131 | B | 1, 24, 69 |
| | | 326T | M4115T-8 | 4,170 | L1 | 30.39 | 554 | 93 | 200 | 137 | B | 1, 24, 69 |
| C-Face, Foot Mounted | | | | | | | | | | | | |
| 1/2 | 1800 | 56C | CM3538-8 | 417 | K | 11.35 | 23 | 74 | 200 | 2.2 | C | |
| 1 | 1800 | 56C | CM3546-8 | 421 | K | 12.00 | 29 | 78.5 | 200 | 3.9 | C | |

(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 Starters & Dynamic Brakes

**200 Volt,
Three Phase,
ODP, Foot Mounted**

3/4 thru 100 Hp

NEMA 56 thru 404T

Applications: Pumps, fans, compressors, blowers, machine tools, conveyors and many other applications requiring 200 volt power.



Features: 1.15 Service Factor, positively locked drive end bearing on 254T and larger, ball bearings, dynamically balanced rotors. EM and EFM Super-E motors have NEMA Premium® efficiency and 3 year warranty.

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|--------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| F1 Mounting | | | | | | | | | | | | |
| 1 | 1800 | 143T | EM3116T-8 | 561 | L1 | 11.12 | 36 | 85.5 | 200 | 3.2 | B | 1, 68 |
| | | 143T | M3116T-8 | 391 | L1 | 11.32 | 30 | 82.5 | 200 | 3.9 | B | 68 |
| 1 1/2 | 1800 | 145T | EM3154T-8 | 586 | L1 | 12.12 | 42 | 86.5 | 200 | 4.8 | B | 1, 68 |
| | | 145T | M3154T-8 | 460 | L1 | 11.12 | 33 | 84 | 200 | 5.5 | B | 68 |
| 2 | 1800 | 145T | EM3157T-8 | 629 | L1 | 13.00 | 47 | 86.5 | 200 | 6.1 | B | 1, 68 |
| | | 145T | M3157T-8 | 467 | L1 | 12.12 | 37 | 84 | 200 | 7.1 | B | 68 |
| 3 | 3600 | 145T | M3158T-8 | 542 | L1 | 12.13 | 40 | 84 | 200 | 9.1 | B | 68 |
| | | 182T | EM3211T-8 | 678 | L1 | 15.00 | 68 | 89.5 | 200 | 9.3 | B | 1, 68 |
| | 1800 | 182T | M3211T-8 | 486 | L1 | 14.00 | 54 | 86.5 | 200 | 9.4 | B | 1, 68 |
| 5 | 3600 | 182T | M3212T-8 | 561 | L1 | 14.00 | 56 | 85.5 | 200 | 14 | B | 68 |
| | | 184T | EM3218T-8 | 742 | L1 | 15.00 | 72 | 89.5 | 200 | 15 | B | 1, 68 |
| | 1800 | 184T | M3218T-8 | 539 | L1 | 15.00 | 69 | 87.5 | 200 | 16.1 | B | 1, 68 |
| 7 1/2 | 3600 | 184T | M3219T-8 | 769 | L1 | 15.00 | 69 | 87.5 | 200 | 21 | B | 1, 68 |
| | | 213T | EM3311T-8 | 1,090 | L1 | 16.32 | 116 | 91 | 200 | 22.4 | B | 1, 68 |
| | 1800 | 213T | M3311T-8 | 763 | L1 | 17.00 | 94 | 88.5 | 200 | 23 | B | 68 |
| 10 | 3600 | 213T | M3312T-8 | 965 | L1 | 16.32 | 85 | 88.5 | 200 | 28.8 | B | 68 |
| | | 215T | EM3313T-8 | 1,319 | L1 | 17.45 | 148 | 91.7 | 200 | 29.5 | B | 1, 68 |
| | 1800 | 215T | M3313T-8 | 934 | L1 | 16.32 | 104 | 89.5 | 200 | 30.8 | B | 68 |
| 15 | 3600 | 215T | M3314T-8 | 1,410 | L1 | 16.32 | 109 | 89.5 | 200 | 41 | B | 1, 68 |
| | | 254T | EM2513T-8 | 1,869 | L1 | 21.69 | 234 | 93 | 200 | 40.7 | B | 1, 68 |
| | 1800 | 254T | M2513T-8 | 1,412 | L1 | 20.00 | 148 | 91 | 200 | 44 | B | 1, 68 |
| 20 | 3600 | 254T | EM2514T-8 | 2,172 | L1 | 21.69 | 186 | 91 | 200 | 52.3 | B | 1, 24, 69 |
| | | 256T | M2514T-8 | 1,803 | L1 | 21.69 | 191 | 90.2 | 200 | 57 | B | 24, 69 |
| | 1800 | 256T | EM2515T-8 | 2,346 | L1 | 21.69 | 237 | 93 | 200 | 54.3 | B | 1, 24, 69 |
| | | 256T | M2515T-8 | 1,818 | L1 | 22.25 | 191 | 91 | 200 | 55 | B | 69 |
| 25 | 3600 | 256T | EM2516T-8 | 2,607 | L1 | 21.69 | 242 | 91.7 | 200 | 63.2 | B | 1, 24, 69 |
| | | 256T | M2516T-8 | 2,181 | L1 | 21.69 | 201 | 91 | 200 | 68.5 | B | 24, 69 |
| | 1800 | 284T | EM2531T-8 | 2,860 | L1 | 23.81 | 313 | 93.6 | 200 | 69.5 | B | 1, 24, 69 |
| | | 284T | M2531T-8 | 2,203 | L1 | 23.44 | 297 | 91.7 | 200 | 74 | B | 24, 69 |
| 30 | 3600 | 284TS | M2534T-8 | 2,309 | L1 | 22.06 | 251 | 91 | 200 | 81 | B | 24, 69 |
| | | 286T | EM2535T-8 | 3,128 | L1 | 25.06 | 353 | 94.1 | 200 | 81 | B | 1, 24, 69 |
| | 1800 | 286T | M2535T-8 | 2,576 | L1 | 24.94 | 281 | 92.4 | 200 | 83 | B | 24, 69 |
| 40 | 3600 | 286TS | EM2538T-8 | 3,963 | L1 | 23.69 | 377 | 92.4 | 200 | 105 | B | 1, 24, 69 |
| | | 286TS | M2538T-8 | 3,249 | L1 | 23.56 | 290 | 91.7 | 200 | 104 | B | 24, 69 |
| | 1800 | 324T | EM2539T-8 | 4,081 | L1 | 26.69 | 488 | 94.1 | 200 | 107 | B | 1, 24, 69 |
| | | 324T | M2539T-8 | 3,284 | L1 | 26.19 | 341 | 93 | 200 | 113 | B | 24, 69 |
| 50 | 3600 | 324TS | M2542T-8 | 3,367 | L1 | 24.69 | 391 | 92.4 | 200 | 135 | B | 24, 69 |
| | | 326T | EM2543T-8 | 4,503 | L1 | 27.69 | 521 | 94.5 | 200 | 132 | B | 1, 24, 69 |
| | 1800 | 326T | M2543T-8 | 3,855 | L1 | 27.19 | 427 | 93 | 200 | 140 | B | 24, 69 |
| 60 | 1800 | 364T | EM2547T-8 | 5,670 | L1 | 30.69 | 615 | 95 | 200 | 160 | B | 1, 24, 69 |
| 75 | 1800 | 365T | EM2551T-8 | 6,959 | L1 | 29.69 | 808 | 95 | 200 | 195 | B | 1, 24, 69 |
| 100 | 1800 | 404T | EM2555T-8 | 8,097 | L1 | 36.97 | 1114 | 95.4 | 200 | 263 | B | 1, 24, 69 |

(a) See notes on inside back flap.

Custom TEFC motors available through 2,250 Hp; Open and WPIL custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

■ Cast Iron Frame

200 Volt, Three Phase, ODP, Foot Mounted

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status ^(a) | Notes ^(a) |
|--------------------|------|------------|-------------------|------------|------------|----------|----------------|----------------------|---------|----------------|----------------------------|----------------------|
| F2 Mounting | | | | | | | | | | | | |
| 3/4 | 1800 | 56 | FM3112-8 | 343 | K | 10.12 | 25 | 74 | 200 | 3.2 | C | 68 |
| 2 | 1800 | 145T | EFM3157T-8 | 629 | L1 | 13.00 | 48 | 86.5 | 200 | 6.1 | B | 1, 68 |
| 3 | 1800 | 182T | EFM3211T-8 | 678 | L1 | 15.00 | 66 | 89.5 | 200 | 9.3 | B | 1, 68 |
| 5 | 1800 | 184T | EFM3218T-8 | 742 | L1 | 15.00 | 69 | 89.5 | 200 | 15 | B | 1, 68 |
| 7 1/2 | 1800 | 213T | EFM3311T-8 | 1,090 | L1 | 16.32 | 109 | 91 | 200 | 22.3 | B | 1, 68 |
| | | 213T | FM3311T-8 | 763 | L1 | 17.00 | 97 | 88.5 | 200 | 23 | B | 68 |
| 10 | 1800 | 215T | EFM3313T-8 | 1,319 | L1 | 17.45 | 127 | 91.7 | 200 | 29.5 | B | 1, 68 |
| | | 215T | FM3313T-8 | 934 | L1 | 16.32 | 107 | 89.5 | 200 | 30.8 | B | 68 |
| 15 | 1800 | 254T | EFM2513T-8 | 1,869 | L1 | 21.69 | 234 | 93 | 200 | 40.7 | B | 1, 68 |
| | | 254T | FM2513T-8 | 1,412 | L1 | 20.00 | 162 | 91 | 200 | 44 | B | 1, 68 |
| 20 | 1800 | 256T | EFM2515T-8 | 2,346 | L1 | 21.69 | 237 | 93 | 200 | 54.3 | B | 1, 24, 69 |
| | | 256T | FM2515T-8 | 1,818 | L1 | 22.25 | 191 | 91 | 200 | 55 | B | 69 |

^(a) See notes on inside back flap.

Custom TEFC motors available through 2,250 Hp; Open and WPll custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

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

**575 Volt,
Three Phase,
TEFC, Foot Mounted**

1/3 thru 150 Hp

NEMA 56 thru 445T

Applications: Pumps, compressors, fans, conveyors, machine tools and other applications where 575 volt three phase power is available.

Features: Ball bearings. Mount in any position. Heavy-gauge steel and cast iron frames. EM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| 1/3 | 1800 | 56 | M3534-5 | 300 | LS | 11.35 | 21 | 68 | 575 | 0.6 | C | 1 |
| | 3600 | 56 | M3537-5 | 322 | K | 11.35 | 20 | 68 | 575 | 0.8 | C | 1 |
| 1/2 | 1800 | 56 | M3538-5 | 343 | LS | 11.35 | 22 | 74 | 575 | 0.8 | C | 1 |
| | 1200 | 56 | M3539-5 | 516 | K | 11.35 | 24 | 72 | 575 | 1 | C | 1 |
| 3/4 | 3600 | 56 | M3541-5 | 355 | K | 11.35 | 21 | 74 | 575 | 1 | C | 1 |
| | 1800 | 56 | M3542-5 | 367 | LS | 11.35 | 26 | 75.5 | 575 | 1.2 | C | 1 |
| | 1200 | 56/56H | M3543-5 | 527 | K | 12.93 | 37 | 77 | 575 | 1.1 | C | |
| | | 143T | M3543T-5 | 527 | L1 | 13.41 | 34 | 77 | 575 | 1.2 | C | 1 |
| 1 | 3600 | 56 | M3545-5 | 416 | K | 11.35 | 23 | 75.5 | 575 | 1.4 | C | 1 |
| | 1800 | 56 | M3546-5 | 382 | LS | 12.23 | 28 | 75 | 575 | 1.4 | C | |
| | | 143T | EM3546T-5 | 623 | LS | 13.31 | 38 | 85.5 | 575 | 1.1 | A | 1 |
| | | 143T | M3546T-5 | 424 | LS | 12.31 | 32 | 82.5 | 575 | 1.2 | D | 1 |
| | 1200 | 56H | M3556-5 | 536 | K | 12.93 | 35 | 75.5 | 575 | 1.6 | C | |
| | | 145T | EM3556T-5 | 746 | L1 | 15.56 | 39 | 82.5 | 575 | 1.4 | A | 1 |
| 1 1/2 | 3600 | 143T | EM3550T-5 | 640 | L1 | 12.31 | 41 | 84 | 575 | 1.5 | A | 1 |
| | | 143T | M3550T-5 | 481 | L1 | 12.31 | 37 | 82.5 | 575 | 1.6 | D | 1 |
| | 1800 | 145T | EM3554T-5 | 648 | LS | 13.31 | 48 | 86.5 | 575 | 1.6 | A | 1 |
| | | 145T | M3554T-5 | 435 | LS | 13.31 | 39 | 84 | 575 | 1.7 | D | |
| | 1200 | 182T | EM3607T-5 | 872 | L1 | 19.77 | 138 | 87.5 | 575 | 5.8 | A | 1 |
| | | 182T | M3607T-5 | 668 | L1 | 16.54 | 63 | 85.5 | 575 | 2 | D | 2, 20 |
| 2 | 3600 | 56/56H | M3555-5 | 510 | K | 12.93 | 39 | 78.5 | 575 | 2.2 | C | |
| | | 145T | EM3555T-5 | 701 | L1 | 14.19 | 49 | 85.5 | 575 | 2.2 | A | 1 |
| | | 145T | M3555T-5 | 554 | L1 | 13.31 | 43 | 84 | 575 | 2.1 | D | |
| | 1800 | 56/56H | M3558-5 | 466 | LS | 12.93 | 40 | 82.5 | 575 | 2.5 | C | |
| | | 145T | EM3558T-5 | 672 | LS | 14.19 | 48 | 86.5 | 575 | 2.2 | A | 1 |
| | 145T | M3558T-5 | 457 | LS | 13.31 | 45 | 84 | 575 | 2.2 | D | | |
| 1200 | 184T | EM3614T-5 | 914 | L1 | 18.05 | 79 | 88.5 | 575 | 2.2 | A | | |
| | 184T | M3614T-5 | 719 | L1 | 16.54 | 74 | 86.5 | 575 | 2.8 | D | | |
| 3 | 3600 | 56/56H | M3559-5 | 593 | K | 13.81 | 50 | 82.5 | 575 | 3 | C | |
| | | 145T | EM3559T-5 | 786 | L1 | 15.56 | 58 | 86.5 | 575 | 3 | A | |
| | | 145T | M3559T-5 | 635 | L1 | 14.19 | 51 | 85.5 | 575 | 3 | D | 1 |
| | 1800 | 182T | EM3611T-5 | 742 | LS | 16.55 | 69 | 89.5 | 575 | 3.1 | A | 1 |
| | | 182T | EM3661T-5 | 993 | L1 | 15.24 | 90 | 89.5 | 575 | 3.2 | A | 1 |
| | | 182T | M3611T-5 | 537 | LS | 16.52 | 68 | 87.5 | 575 | 3.4 | D | 1 |
| | | 182T | M3661T-5 | 860 | LS | 15.24 | 90 | 87.5 | 575 | 3.3 | D | 1 |
| | 1200 | 213T | EM3704T-5 | 1,189 | L1 | 19.02 | 132 | 89.5 | 575 | 3.7 | A | 1 |
| | | 213T | M3704T-5 | 905 | L1 | 17.89 | 108 | 87.5 | 575 | 3.7 | D | 1 |

(a) See notes on inside back flap.

Custom TEFC motors available through 2,250 Hp; Open and WPII custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

575 Volt, Three Phase, TEFC, Foot Mounted

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) | |
|------|-------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|---|
| 5 | 3600 | 184T | EM3613T-5 | 862 | L1 | 16.55 | 77 | 88.5 | 575 | 4.8 | A | 1 | |
| | | 184T | M3613T-5 | 777 | L1 | 16.54 | 71 | 87.5 | 575 | 4.8 | D | 1 | |
| | 1800 | 184T | EM3615T-5 | 812 | LS | 18.05 | 91 | 89.5 | 575 | 5.2 | A | 1 | |
| | | 184T | EM3665T-5 | 1,016 | L1 | 15.24 | 109 | 89.5 | 575 | 5.2 | A | 1 | |
| | | 184T | M3615T-5 | 618 | LS | 16.55 | 75 | 87.5 | 575 | 5.7 | D | 1 | |
| | | 184T | M3665T-5 | 877 | L1 | 15.24 | 102 | 87.5 | 575 | 5.2 | D | 1 | |
| | 1200 | 215T | EM3708T-5 | 1,343 | L1 | 19.77 | 138 | 89.5 | 575 | 5.8 | A | 1 | |
| | | 215T | M3708T-5 | 1,097 | L1 | 19.01 | 119 | 87.5 | 575 | 6 | D | 1 | |
| | 7 1/2 | 3600 | 184T | EM3616T-5 | 1,137 | L1 | 18.05 | 96 | 89.5 | 575 | 6.8 | A | 1 |
| | | | 184T | M3616T-5 | 944 | L1 | 18.04 | 89 | 88.5 | 575 | 7 | D | 1 |
| 213T | | | EM3709T-5 | 1,291 | L1 | 17.89 | 126 | 89.5 | 575 | 7.2 | A | 1 | |
| 213T | | | M3709T-5 | 1,145 | L1 | 18.56 | 89 | 88.5 | 575 | 7 | D | 1 | |
| 1800 | | 213T | EM3710T-5 | 1,171 | LS | 19.02 | 148 | 91.7 | 575 | 7.6 | A | 1 | |
| | | 213T | EM3770T-5 | 1,326 | L1 | 18.45 | 178 | 91.7 | 575 | 7.5 | A | 1 | |
| | | 213T | M3710T-5 | 788 | LS | 17.89 | 126 | 89.5 | 575 | 8.1 | D | 1 | |
| | | 213T | M3770T-5 | 1,170 | L1 | 18.45 | 170 | 89.5 | 575 | 8.3 | D | 1 | |
| 10 | 3600 | 215T | EM3711T-5 | 1,309 | L1 | 19.02 | 154 | 90.2 | 575 | 9 | A | 1 | |
| | | 215T | M3711T-5 | 1,198 | L1 | 17.89 | 123 | 89.5 | 575 | 9.2 | D | 1 | |
| | 1800 | 215T | EM3714T-5 | 1,322 | LS | 20.52 | 153 | 91.7 | 575 | 10 | A | 1 | |
| | | 215T | EM3774T-5 | 1,487 | L1 | 18.45 | 201 | 91.7 | 575 | 9.8 | A | 1 | |
| | | 215T | M3714T-5 | 960 | LS | 19.01 | 138 | 89.5 | 575 | 10.8 | D | 1 | |
| | | 215T | M3774T-5 | 1,259 | L1 | 18.45 | 187 | 89.5 | 575 | 10.4 | D | 1 | |
| 15 | 3600 | 215T | EM3713T-5 | 1,847 | L1 | 20.52 | 175 | 91 | 575 | 13.6 | A | 1 | |
| | | 215T | M3713T-5 | 1,520 | L1 | 19.76 | 167 | 90.2 | 575 | 13.5 | D | 1 | |
| | | 254T | EM2394T-5 | 2,222 | L1 | 23.16 | 268 | 91 | 575 | 14.1 | A | 1 | |
| | 1800 | 254T | EM2333T-5 | 2,037 | LS | 23.16 | 235 | 92.4 | 575 | 14.8 | A | 1 | |
| | | 254T | M2333T-5 | 1,684 | LS | 21.07 | 242 | 91 | 575 | 15.2 | D | 1 | |
| 20 | 3600 | 256T | EM4106T-5 | 2,439 | L1 | 23.16 | 258 | 91 | 575 | 18.2 | A | 1 | |
| | | 256T | M4106T-5 | 2,081 | L1 | 22.83 | 236 | 90.2 | 575 | 18.5 | D | 1 | |
| | 1800 | 256T | EM2334T-5 | 2,470 | LS | 23.16 | 303 | 93 | 575 | 19.2 | A | 1 | |
| | | 256T | M2334T-5 | 2,034 | LS | 22.83 | 265 | 91 | 575 | 20 | D | 1 | |
| 25 | 3600 | 284TS | EM4107T-5 | 3,182 | L1 | 24.70 | 398 | 91.7 | 575 | 22 | A | 1 | |
| | | 284TS | M4107T-5 | 2,647 | L1 | 25.24 | 361 | 91 | 575 | 22.5 | D | 1 | |
| | 1800 | 284T | EM4103T-5 | 3,231 | LS | 27.76 | 398 | 93.6 | 575 | 23.9 | A | 1 | |
| | | 284T | M4103T-5 | 2,515 | LS | 26.08 | 340 | 92.4 | 575 | 23.2 | D | 1 | |
| 30 | 3600 | 286TS | EM4108T-5 | 3,781 | L1 | 24.70 | 418 | 91.7 | 575 | 26.5 | A | 1 | |
| | | 286TS | M4108T-5 | 2,871 | L1 | 25.24 | 382 | 91 | 575 | 27.4 | D | 1 | |
| | 1800 | 286T | EM4104T-5 | 3,833 | LS | 27.76 | 451 | 93.6 | 575 | 29 | A | 1 | |
| | | 286T | M4104T-5 | 2,972 | LS | 26.08 | 366 | 92.4 | 575 | 28.6 | D | 1 | |
| 40 | 3600 | 324TS | EM4109T-5 | 5,182 | L1 | 28.78 | 549 | 92.4 | 575 | 36 | A | 1 | |
| | | 324TS | M4109T-5 | 4,104 | L1 | 28.89 | 486 | 91.7 | 575 | 36 | D | 1 | |
| | 1800 | 324T | EM4110T-5 | 5,012 | LS | 30.28 | 600 | 94.1 | 575 | 39 | A | 1 | |
| | | 324T | M4110T-5 | 3,941 | LS | 30.39 | 475 | 93 | 575 | 38 | D | 1 | |
| 50 | 3600 | 326TS | EM4114T-5 | 5,669 | L1 | 28.90 | 578 | 93 | 575 | 45 | A | 1 | |
| | | 326TS | M4114T-5 | 4,172 | L1 | 28.89 | 585 | 92.4 | 575 | 45 | D | 1 | |
| | 1800 | 326T | EM4115T-5 | 5,477 | LS | 30.28 | 632 | 94.5 | 575 | 46 | A | 1 | |
| | | 326T | M4115T-5 | 4,081 | LS | 30.39 | 578 | 93 | 575 | 48 | D | 1 | |
| 60 | 1800 | 364T | EM4314T-5 | 7,881 | LS | 32.84 | 808 | 95 | 575 | 54.4 | A | 1 | |
| | | 364T | M4314T-5 | 6,250 | LS | 32.84 | 770 | 93.6 | 575 | 57 | D | 1 | |
| 75 | 1800 | 365T | EM4316T-5 | 9,215 | LS | 32.84 | 889 | 95.4 | 575 | 68.7 | A | 1 | |
| | | 365T | M4316T-5 | 7,704 | LS | 33.02 | 809 | 94.1 | 575 | 68 | D | 1 | |
| 100 | 1800 | 405T | EM4400T-5 | 11,444 | LS | 38.06 | 1201 | 95.4 | 575 | 89.6 | A | 1 | |
| | | 405T | M4400T-5 | 9,567 | LS | 37.22 | 1016 | 94.5 | 575 | 90 | D | 1 | |
| 125 | 1800 | 444T | EM4410T-5 | 14,167 | LS | 44.75 | 1466 | 95.4 | 575 | 111 | A | 1 | |
| | | 444T | M4410T-5 | 12,907 | LS | 44.75 | 1618 | 94.5 | 575 | 113 | D | 1 | |
| 150 | 1800 | 445T | EM4406T-5 | 16,296 | LS | 44.75 | 1672 | 95.8 | 575 | 141 | A | 1 | |
| | | 445T | M4406T-5 | 15,120 | LS | 44.24 | 1421 | 95 | 575 | 135 | D | 1 | |

(a) See notes on inside back flap.

Custom TEFC motors available through 2,250 Hp; Open and WPII custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

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 Starters & Dynamic Brakes

**575 Volt,
Three Phase,
TEFC, C-Face**

1/3 thru 30 Hp

NEMA 56C thru 286TC

Applications: Pumps, fans, compressors, blowers, machine tools, conveyors and many applications requiring 575 volt power.

Features: 1.15 Service Factor. Positively locked drive end ball bearing, dynamically balanced rotors. CEM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



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

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-----------------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| C-Face, Foot Mounted | | | | | | | | | | | | |
| 1/3 | 1800 | 56C | CM3534-5 | 333 | LS | 11.35 | 21 | 68 | 575 | 0.6 | C | |
| 1/2 | 1800 | 56C | CM3538-5 | 368 | LS | 11.35 | 24 | 74 | 575 | 0.8 | C | |
| 3/4 | 1800 | 56C | CM3542-5 | 391 | LS | 11.35 | 27 | 75.5 | 575 | 1.2 | C | |
| 1 | 1800 | 56C | CM3546-5 | 419 | K | 11.97 | 28 | 78.5 | 575 | 1.3 | C | |
| | | 143TC | CEM3546T-5 | 654 | LS | 13.31 | 39 | 85.5 | 575 | 1.1 | A | 1 |
| | | 143TC | CEM3581T-5 | 857 | L1 | 13.03 | 56 | 85.5 | 575 | 1.1 | A | 1 |
| | | 143TC | CM3546T-5 | 456 | LS | 13.29 | 34 | 82.5 | 575 | 1.2 | D | |
| 1 1/2 | 1800 | 143TC | CEM3583T-5 | 946 | L1 | 13.05 | 57 | 84 | 575 | 1.6 | A | 1 |
| | | 56C | CM3554-5 | 456 | K | 12.23 | 32 | 78.5 | 575 | 2 | C | |
| | | 145TC | CEM3554T-5 | 679 | LS | 13.31 | 49 | 86.5 | 575 | 1.6 | A | 1 |
| | | 145TC | CEM3584T-5 | 886 | L1 | 13.03 | 61 | 86.5 | 575 | 1.6 | A | 1 |
| 2 | 1800 | 145TC | CM3554T-5 | 466 | LS | 13.29 | 40 | 84 | 575 | 1.7 | D | |
| | | 145TC | CEM3586T-5 | 948 | L1 | 13.05 | 63 | 85.5 | 575 | 2 | A | 1 |
| | | 56C | CM3558-5 | 489 | K | 13.23 | 42 | 82.5 | 575 | 2.5 | C | |
| | | 145TC | CEM3558T-5 | 703 | LS | 14.19 | 51 | 86.5 | 575 | 2.2 | A | 1 |
| 3 | 3600 | 145TC | CEM3587T-5 | 927 | L1 | 13.03 | 65 | 86.5 | 575 | 2.2 | A | 1 |
| | | 145TC | CM3558T-5 | 488 | LS | 13.29 | 45 | 84 | 575 | 2.2 | D | |
| | | 145TC | CEM3559T-5 | 817 | L1 | 15.54 | 49 | 86.5 | 575 | 3 | A | 1 |
| | | 145TC | CM3559T-5 | 666 | L1 | 14.17 | 52 | 85.5 | 575 | 3 | D | 1 |
| 3 | 3600 | 182TC | CEM3610T-5 | 841 | L1 | 15.18 | 68 | 86.5 | 575 | 3 | A | 1 |
| | | 182TC | CEM3660T-5 | 1,054 | L1 | 16.00 | 95 | 86.5 | 575 | 2.7 | A | 1 |
| | | 182TC | CM3610T-5 | 737 | L1 | 15.18 | 57 | 85.5 | 575 | 3 | D | 1 |
| | | 182TC | CEM3611T-5 | 805 | LS | 18.05 | 71 | 89.5 | 575 | 3.4 | A | 1 |
| 3 | 1800 | 182TC | CEM3661T-5 | 1,081 | L1 | 16.00 | 97 | 89.5 | 575 | 3.2 | A | 1 |
| | | 182TC | CM3611T-5 | 616 | LS | 16.56 | 69 | 87.5 | 575 | 3.4 | D | 1 |
| | | 184TC | CEM3613T-5 | 926 | L1 | 16.55 | 80 | 88.5 | 575 | 4.7 | A | 1 |
| | | 184TC | CEM3663T-5 | 1,278 | L1 | 16.00 | 107 | 88.5 | 575 | 4.6 | A | 1 |
| 5 | 3600 | 184TC | CM3613T-5 | 838 | L1 | 16.55 | 74 | 87.5 | 575 | 4.8 | D | 1 |
| | | 184TC | CEM3615T-5 | 875 | LS | 18.05 | 97 | 89.5 | 575 | 5.2 | A | 1 |
| | | 184TC | CEM3665T-5 | 1,104 | L1 | 16.00 | 115 | 89.5 | 575 | 5.2 | A | 1 |
| | | 184TC | CM3615T-5 | 699 | LS | 16.55 | 79 | 87.5 | 575 | 5.7 | D | 1 |
| 7 1/2 | 3600 | 213TC | CEM3769T-5 | 1,551 | L1 | 19.20 | 191 | 89.5 | 575 | 6.9 | A | 1 |
| | | 213TC | CEM3710T-5 | 1,290 | LS | 19.02 | 140 | 91.7 | 575 | 7.6 | A | 1 |
| | | 213TC | CEM3770T-5 | 1,501 | L1 | 19.20 | 178 | 91.7 | 575 | 7.5 | A | 1 |
| | | 213TC | CM3710T-5 | 908 | LS | 18.63 | 126 | 89.5 | 575 | 8.1 | D | 1 |
| 10 | 3600 | 215TC | CEM3711T-5 | 1,428 | L1 | 19.02 | 158 | 90.2 | 575 | 9 | A | 1 |
| | | 215TC | CEM3771T-5 | 1,788 | L1 | 19.20 | 181 | 90.2 | 575 | 9 | A | 1 |
| | | 215TC | CM3711T-5 | 1,317 | L1 | 18.63 | 126 | 89.5 | 575 | 9.2 | D | 1 |
| | | 215TC | CEM3714T-5 | 1,439 | LS | 20.52 | 162 | 91.7 | 575 | 9.6 | A | 1 |
| 10 | 1800 | 215TC | CEM3774T-5 | 1,663 | L1 | 19.20 | 201 | 91.7 | 575 | 9.8 | A | 1 |
| | | 215TC | CM3714T-5 | 1,078 | LS | 19.76 | 139 | 89.5 | 575 | 10.8 | D | 1 |
| | | 215TC | CEM3713T-5 | 1,965 | L1 | 21.25 | 175 | 91 | 575 | 16 | A | 1 |
| | | 215TC | CM3713T-5 | 1,639 | L1 | 21.25 | 158 | 90.2 | 575 | 13.5 | D | 1 |
| 15 | 1800 | 254TC | CEM2333T-5 | 2,950 | LS | 23.78 | 238 | 92.4 | 575 | 14.8 | A | 1 |
| | | 254TC | CM2333T-5 | 2,192 | LS | 21.57 | 236 | 91 | 575 | 15.2 | D | 1 |

(a) See notes on inside back flap.

CUSTOM 575 VOLT MOTORS AVAILABLE THROUGH 1000 HP. CONTACT YOUR LOCAL BALDOR•RELIANCE SALES REPRESENTATIVE. MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

Cast Iron Frame

575 Volt, Three Phase, TEFC, C-Face

| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) | |
|-------------------------|-----------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|--|
| 20 | 1800 | 256TC | CEM2334T-5 | 3,006 | L1 | 23.78 | 286 | 93 | 575 | 19 | A | 1 | |
| | | 256TC | CM2334T-5 | 2,552 | L1 | 23.32 | 257 | 91 | 575 | 20 | D | 1 | |
| 25 | 1800 | 284TC | CEM4103T-5 | 3,975 | L1 | 27.76 | 390 | 93.6 | 575 | 23.9 | A | 1 | |
| 30 | 1800 | 286TC | CEM4104T-5 | 4,550 | L1 | 27.76 | 620 | 93.6 | 575 | 29 | A | 1 | |
| | | 286TC | CM4104T-5 | 3,690 | L1 | 27.76 | 384 | 92.4 | 575 | 29.6 | D | 1 | |
| C-Face, Footless | | | | | | | | | | | | | |
| 1/3 | 1800 | 56C | VM3534-5 | 314 | LS | 11.35 | 20 | 68 | 575 | 0.6 | C | | |
| 1/2 | 3600 | 56C | VM3537-5 | 340 | K | 11.35 | 19 | 68 | 575 | 0.8 | C | | |
| | 1800 | 56C | VM3538-5 | 360 | LS | 11.35 | 22 | 74 | 575 | 0.8 | C | | |
| 3/4 | 3600 | 56C | VM3541-5 | 372 | K | 11.35 | 21 | 74 | 575 | 1 | C | | |
| | 1800 | 56C | VM3542-5 | 383 | LS | 11.35 | 25 | 75.5 | 575 | 1.2 | C | | |
| 1 | 1800 | 3600 | 56C | VM3545-5 | 435 | K | 11.35 | 24 | 75.5 | 575 | 1.4 | C | |
| | | 56C | VM3546-5 | 400 | LS | 12.23 | 30 | 75 | 575 | 1.4 | C | | |
| | | 143TC | VEM3546T-5 | 684 | LS | 13.29 | 42 | 85.5 | 575 | 1.1 | B | | |
| | | 143TC | VEM3581T-5 | 853 | L1 | 13.03 | 55 | 85.5 | 575 | 1.1 | B | 1 | |
| | | 143TC | VM3546T-5 | 486 | LS | 12.31 | 34 | 82.5 | 575 | 1.1 | B | | |
| 1 1/2 | 3600 | 56C | VM3550-5 | 473 | K | 11.97 | 29 | 80 | 575 | 1.8 | C | | |
| | | 143TC | VEM3550T-5 | 667 | L1 | 13.24 | 41 | 84 | 575 | 1.6 | B | | |
| | | 143TC | VM3550T-5 | 549 | L1 | 12.04 | 30 | 80 | 575 | 1.8 | B | | |
| | 1800 | 56C | VM3554-5 | 449 | LS | 12.23 | 34 | 78.5 | 575 | 2 | C | | |
| | | 145TC | VEM3554T-5 | 714 | LS | 14.19 | 49 | 86.5 | 575 | 1.6 | B | | |
| | | 145TC | VEM3584T-5 | 855 | L1 | 13.03 | 59 | 86.5 | 575 | 1.6 | B | 1 | |
| 145TC | VM3554T-5 | 495 | LS | 13.31 | 40 | 84 | 575 | 1.7 | B | | | | |
| 2 | 1800 | 3600 | 56C | VM3555-5 | 527 | K | 12.85 | 32 | 80 | 575 | 2.2 | C | |
| | | 56C | VM3558-5 | 482 | LS | 13.23 | 41 | 82.5 | 575 | 2.5 | C | | |
| | | 145TC | VEM3558T-5 | 801 | LS | 14.17 | 47 | 86.5 | 575 | 2.2 | B | | |
| | | 145TC | VEM3587T-5 | 921 | L1 | 13.03 | 66 | 86.5 | 575 | 2.2 | B | 1 | |
| | | 145TC | VM3558T-5 | 520 | LS | 13.31 | 45 | 84 | 575 | 2.2 | B | | |
| 3 | 3600 | 56C | VM3559-5 | 611 | K | 13.23 | 45 | 82.5 | 575 | 3 | C | 1 | |
| | | 182TC | VEM3610T-5 | 827 | L1 | 15.18 | 67 | 86.5 | 575 | 2.7 | B | | |
| | | 182TC | VM3610T-5 | 782 | L1 | 15.18 | 56 | 85.5 | 575 | 3 | B | 1 | |
| | 1800 | 182TC | VEM3611T-5 | 908 | L1 | 16.55 | 71 | 89.5 | 575 | 3.2 | B | | |
| | | 182TC | VM3611T-5 | 1,090 | L1 | 16.00 | 94 | 89.5 | 575 | 3.2 | B | 1 | |
| 182TC | VM3611T-5 | 628 | LS | 16.55 | 65 | 87.5 | 575 | 3.4 | B | 1 | | | |
| 5 | 3600 | 184TC | VEM3613T-5 | 912 | L1 | 16.55 | 81 | 88.5 | 575 | 4.6 | B | | |
| | | 184TC | VM3613T-5 | 890 | L1 | 16.55 | 72 | 87.5 | 575 | 4.8 | B | 1 | |
| | 1800 | 184TC | VEM3615T-5 | 990 | L1 | 18.05 | 92 | 89.5 | 575 | 5.2 | B | | |
| | | 184TC | VM3615T-5 | 719 | LS | 18.05 | 85 | 87.5 | 575 | 5.2 | B | 1 | |
| 7 1/2 | 3600 | 213TC | VEM3709T-5 | 1,393 | L1 | 19.28 | 131 | 89.5 | 575 | 6.9 | B | | |
| | | 213TC | VM3709T-5 | 1,346 | L1 | 19.28 | 87 | 88.5 | 575 | 7 | B | 1 | |
| | 1800 | 213TC | VEM3710T-5 | 1,268 | L1 | 19.76 | 141 | 91.7 | 575 | 8 | B | | |
| | | 213TC | VEM3770T-5 | 1,481 | L1 | 19.25 | 164 | 91.7 | 575 | 7.5 | B | 1 | |
| | | 213TC | VM3710T-5 | 959 | LS | 18.63 | 112 | 89.5 | 575 | 8.1 | B | 1 | |
| 10 | 3600 | 215TC | VEM3711T-5 | 1,407 | L1 | 19.77 | 159 | 90.2 | 575 | 9 | B | | |
| | | 215TC | VM3711T-5 | 1,400 | L1 | 18.63 | 123 | 89.5 | 575 | 9.2 | B | 1 | |
| | 1800 | 215TC | VEM3714T-5 | 1,417 | L1 | 21.26 | 165 | 91.7 | 575 | 10.1 | B | | |
| | | 215TC | VEM3774T-5 | 1,643 | L1 | 19.25 | 197 | 91.7 | 575 | 9.8 | B | | |
| 215TC | VM3714T-5 | 1,142 | LS | 19.76 | 137 | 89.5 | 575 | 10.8 | B | 1 | | | |
| 15 | 3600 | 215TC | VEM3713T-5 | 1,949 | L1 | 20.26 | 172 | 91 | 575 | 14.8 | B | | |
| | | 215TC | VM3713T-5 | 1,748 | L1 | 20.51 | 165 | 90.2 | 575 | 13.5 | B | 1 | |
| | 1800 | 254TC | VEM2333T-5 | 2,763 | L1 | 23.66 | 238 | 92.4 | 575 | 14.8 | B | | |
| 254TC | | VM2333T-5 | 2,222 | LS | 23.66 | 266 | 91 | 575 | 14.5 | B | 1 | | |
| 20 | 1800 | 256TC | VEM2334T-5 | 3,261 | L1 | 23.66 | 286 | 93 | 575 | 19 | B | | |
| | | 256TC | VM2334T-5 | 2,601 | LS | 23.66 | 275 | 91 | 575 | 19.3 | B | 1 | |

(a) See notes on inside back flap.

CUSTOM 575 VOLT MOTORS AVAILABLE THROUGH 1000 HP. CONTACT YOUR LOCAL BALDOR•RELIANCE SALES REPRESENTATIVE. MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ 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 Starters & Dynamic Brakes

**Premium Efficient,
Severe Duty,
575 Volt,
Three Phase,
TEFC**

1 thru 200 Hp

NEMA 143T thru 447T

Applications: Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

Features: ECP motors are XEX designs. 1.15 Service Factor, corrosion resistant epoxy finish, regreasable ball or roller bearings, oversized rotatable cast iron conduit box, cast iron frames, V-Ring shaft seal, moisture resistant copper windings, Class F insulation, stainless steel nameplate and corrosion resistant hardware. ECP/XEX Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Positive Lubrication System (PLS) on 360 frame and larger.



| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| 1 | 1800 | 143T | ECP3581T-5 | 920 | SD | 12.88 | 60 | 86.5 | 575 | 1.1 | A | 1 |
| 1 1/2 | 1800 | 145T | ECP3584T-5 | 937 | SD | 12.88 | 65 | 86.5 | 575 | 1.6 | A | 1 |
| 2 | 1800 | 145T | ECP3587T-5 | 978 | SD | 12.88 | 72 | 86.5 | 575 | 2.2 | A | 1 |
| 3 | 1800 | 182T | ECP3661T-5 | 1,238 | SD | 15.93 | 103 | 89.5 | 575 | 3.2 | A | 1 |
| | 1200 | 213T | ECP3764T-5 | 1,738 | SD | 19.50 | 186 | 90.2 | 575 | 3.6 | A | 1 |
| 5 | 1800 | 184T | ECP3665T-5 | 1,260 | SD | 15.93 | 126 | 90.2 | 575 | 5.2 | A | 1 |
| | 1200 | 215T | ECP3768T-5 | 1,761 | SD | 19.50 | 205 | 90.2 | 575 | 5.8 | A | 1 |
| 7 1/2 | 1800 | 213T | ECP3770T-5 | 1,586 | SD | 19.50 | 178 | 91.7 | 575 | 7.5 | A | 1 |
| | 1200 | 254T | ECP2276T-5 | 2,520 | SD | 25.07 | 267 | 91.7 | 575 | 8.7 | A | 1 |
| 10 | 1800 | 215T | ECP3774T-5 | 1,899 | SD | 19.50 | 215 | 92.4 | 575 | 9.8 | A | 1 |
| | 1200 | 256T | ECP2332T-5 | 3,274 | SD | 25.07 | 286 | 91.7 | 575 | 11.5 | A | 1 |
| 15 | 1800 | 254T | ECP2333T-5 | 2,420 | SD | 25.07 | 255 | 92.4 | 575 | 14.8 | A | 1 |
| | 1200 | 284T | ECP4100T-5 | 3,753 | SD | 27.93 | 425 | 93 | 575 | 15.9 | A | 1 |
| 20 | 1800 | 256T | ECP2334T-5 | 2,596 | SD | 25.07 | 303 | 93 | 575 | 19.2 | A | 1 |
| | 1200 | 286T | ECP4102T-5 | 5,100 | SD | 27.93 | 452 | 93 | 575 | 20.6 | A | 1 |
| 25 | 1800 | 284T | ECP4103T-5 | 3,396 | SD | 27.93 | 427 | 93.6 | 575 | 23.9 | A | 1 |
| | 1200 | 324T | ECP4111T-5 | 5,329 | SD | 30.16 | 556 | 93 | 575 | 25.3 | A | 1 |
| 30 | 1800 | 286T | ECP4104T-5 | 4,033 | SD | 27.93 | 471 | 94.1 | 575 | 29 | A | 1 |
| 40 | 1800 | 324T | ECP4110T-5 | 5,276 | SD | 30.16 | 578 | 94.5 | 575 | 36.8 | A | 1 |
| 50 | 1800 | 326T | ECP4115T-5 | 6,193 | SD | 30.16 | 640 | 94.5 | 575 | 45.6 | A | 1 |
| 60 | 1800 | 364T | ECP4314T-5 | 8,301 | SD | 32.84 | 821 | 95 | 575 | 55 | A | 1 |
| | 1800 | 365T | ECP4316T-5 | 9,699 | SD | 32.84 | 912 | 95.4 | 575 | 69.2 | A | 1 |
| 100 | 1800 | 405T | ECP4400T-5 | 12,732 | SD | 38.03 | 1335 | 95.4 | 575 | 87 | A | 1 |
| 125 | 1800 | 444T | ECP4410T-5 | 15,052 | SD | 44.75 | 1675 | 95.4 | 575 | 111.5 | A | 1 |
| 150 | 1800 | 445T | ECP4406T-5 | 17,633 | SD | 44.75 | 1823 | 96.2 | 575 | 132 | A | 1 |
| 200 | 1800 | 447T | ECP4407T-5 | 21,212 | SD | 48.24 | 2345 | 96.2 | 575 | 179 | A | 1 |

(a) See notes on inside back flap.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ 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

**IEEE 841,
575 Volts,
Three Phase,
Totally Enclosed,
Foot Mounted**

1 thru 250 Hp

NEMA 143T thru 449T

Applications: Petro-chemical, pulp and paper, cement, aggregate mining and other process industries requiring premium efficient motors designed, manufactured and tested to exceed IEEE 841-2001 TEFC motor standards for extreme severe duty service.

Features: Built to 841XL design. Upgraded electrical and mechanical design with NEMA Premium® efficient winding. Inpro/Seal® VBX (thru 210 frame) and VBXX bearing isolators on fan and drive end shaft extensions and epoxy paint provides IP56 enclosure. Oversized bearings on both ends of motor with positive lubrication system. Stainless breather drains. Proprietary cast iron frames for reduced vibration and noise. Terminal lugs on motor leads. Final test and vibration results shipped with motor. Enhanced motor nameplate data. Complies with DuPont, Weyerhaeuser and many other corporate specifications. 5-year warranty.



| Hp | RPM | NEMA Frame | Encl. | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|---------------------|------|------------|-------|-----------------------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| Foot Mounted | | | | | | | | | | | | | |
| 1 | 3600 | 143T | TEFC | ECP83580T-5 | 919 | SD | 12.88 | 35 | 84 | 575 | 1.1 | A | 1, 16 |
| | 1800 | 143T | TEFC | ECP83581T-5 | 1,009 | SD | 12.88 | 70 | 85.5 | 575 | 1.1 | A | 1, 16 |
| | 1200 | 145T | TEFC | ECP83582T-5 | 1,082 | SD | 12.88 | 42 | 82.5 | 575 | 1.4 | A | 1, 16 |
| 1 1/2 | 3600 | 143T | TEFC | ECP83583T-5 | 987 | SD | 12.88 | 68 | 85.5 | 575 | 1.6 | A | 1, 16 |
| | 1800 | 145T | TEFC | ECP83584T-5 | 1,027 | SD | 12.88 | 73 | 86.5 | 575 | 1.6 | A | 1, 16 |
| | 1200 | 182T | TEFC | ECP83667T-5 | 1,246 | SD | 15.62 | 137 | 87.5 | 575 | 1.9 | A | 1, 16 |
| 2 | 3600 | 145T | TEFC | ECP83586T-5 | 1,023 | SD | 12.88 | 78 | 86.5 | 575 | 1.9 | A | 1, 16 |
| | 1800 | 145T | TEFC | ECP83587T-5 | 1,073 | SD | 12.88 | 70 | 86.5 | 575 | 2.2 | A | 1, 16 |
| | 1200 | 184T | TEFC | ECP83664T-5 | 1,155 | SD | 17.12 | 143 | 88.5 | 575 | 2.4 | A | 1, 16 |
| 3 | 3600 | 182T | TEFC | ECP83660T-5 | 1,291 | SD | 15.62 | 117 | 88.5 | 575 | 2.9 | A | 1, 16 |
| | 1800 | 182T | TEFC | ECP83661T-5 | 1,358 | SD | 15.62 | 137 | 89.5 | 575 | 3.4 | A | 1, 16 |
| | 1200 | 213T | TEFC | ECP83764T-5 | 1,889 | SD | 19.31 | 183 | 89.5 | 575 | 3.4 | A | 1, 16 |
| 5 | 3600 | 184T | TEFC | ECP83663T-5 | 1,591 | SD | 15.62 | 129 | 88.5 | 575 | 4.8 | A | 1, 16 |
| | 1800 | 184T | TEFC | ECP83665T-5 | 1,384 | SD | 17.12 | 145 | 89.5 | 575 | 5.3 | A | 1, 16 |
| | 1200 | 215T | TEFC | ECP83768T-5 | 1,953 | SD | 20.19 | 203 | 89.5 | 575 | 5.4 | A | 1, 16 |
| 7 1/2 | 3600 | 213T | TEFC | ECP83769T-5 | 2,077 | SD | 19.31 | 182 | 90.2 | 575 | 6.9 | A | 1, 16 |
| | 1800 | 213T | TEFC | ECP83770T-5 | 1,744 | SD | 19.31 | 202 | 91.7 | 575 | 7.2 | A | 1, 16 |
| | 1200 | 254T | TEFC | ECP82276T-5 | 2,955 | SD | 24.68 | 302 | 91.7 | 575 | 8.7 | A | 1, 16 |
| 10 | 3600 | 215T | TEFC | ECP83771T-5 | 2,211 | SD | 19.32 | 225 | 91.7 | 575 | 8.6 | A | 1, 16 |
| | 1800 | 215T | TEFC | ECP83774T-5 | 2,065 | SD | 19.32 | 231 | 91.7 | 575 | 9.8 | A | 1, 16 |
| | 1200 | 256T | TEFC | ECP82332T-5 | 3,596 | SD | 24.68 | 322 | 91.7 | 575 | 11.5 | A | 1, 16 |
| 15 | 3600 | 254T | TEFC | ECP82394T-5 | 2,878 | SD | 24.68 | 239 | 91.7 | 575 | 13.8 | A | 1, 16 |
| | 1800 | 254T | TEFC | ECP82333T-5 | 2,658 | SD | 25.06 | 280 | 92.4 | 575 | 14 | A | 1, 16 |
| | 1200 | 284T | TEFC | ECP84100T-5 | 4,155 | SD | 27.44 | 445 | 92.4 | 575 | 14.9 | A | 1, 16 |
| 20 | 3600 | 256T | TEFC | ECP84106T-5 | 3,299 | SD | 24.68 | 310 | 91.7 | 575 | 17.8 | A | 1, 16 |
| | 1800 | 256T | TEFC | ECP82334T-5 | 2,874 | SD | 25.06 | 325 | 93 | 575 | 19 | A | 1, 16 |
| | 1200 | 286T | TEFC | ECP84102T-5 | 5,599 | SD | 27.44 | 470 | 92.5 | 575 | 19.8 | A | 1, 16 |
| 25 | 3600 | 284TS | TEFC | ECP84107T-5 | 4,034 | SD | 26.06 | 455 | 93 | 575 | 22.4 | A | 1, 16 |
| | 1800 | 284T | TEFC | ECP84103T-5 | 3,728 | SD | 27.93 | 420 | 93.6 | 575 | 23.9 | A | 1, 16 |
| | 1200 | 324T | TEFC | ECP84111T-5 | 5,901 | SD | 30.53 | 537 | 93 | 575 | 25.3 | A | 1, 16 |
| 30 | 3600 | 286TS | TEFC | ECP84108T-5 | 4,832 | SD | 26.06 | 454 | 93 | 575 | 27.1 | A | 1, 16 |
| | 1800 | 286T | TEFC | ECP84104T-5 | 4,390 | SD | 27.93 | 460 | 93.6 | 575 | 28 | A | 1, 16 |
| | 1200 | 326T | TEFC | ECP84117T-5 | 7,679 | SD | 30.53 | 630 | 93 | 575 | 29 | A | 1, 16 |
| 40 | 3600 | 324TS | TEFC | ECP84109T-5 | 6,611 | SD | 29.03 | 587 | 92.4 | 575 | 36 | A | 1, 16 |
| | 1800 | 324T | TEFC | ECP84110T-5 | 5,845 | SD | 30.53 | 599 | 94.5 | 575 | 37 | A | 1, 16 |
| | 1200 | 364T | TEFC | ECP84308T-5 | 9,401 | SD | 33.44 | 865 | 94.1 | 575 | 39.5 | A | 1, 16 |
| 50 | 3600 | 326TS | TEFC | ECP84114T-5 | 6,896 | SD | 29.03 | 633 | 93 | 575 | 45 | A | 1, 16 |
| | 1800 | 326T | TEFC | ECP84115T-5 | 6,863 | SD | 30.53 | 633 | 94.5 | 575 | 45.6 | A | 1, 16 |
| | 1200 | 365T | TEFC | ECP84312T-5 | 10,012 | SD | 33.44 | 890 | 94.1 | 575 | 49.3 | A | 1, 16 |

(a) See notes on inside back flap.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

IEEE 841, 575 Volts, Three Phase, Totally Enclosed, Foot Mounted

| Hp | RPM | NEMA Frame | Encl. | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-----|------|------------|-------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| 60 | 3600 | 364TS | TEFC | ECP84310T-5 | 10,191 | SD | 31.31 | 890 | 95.1 | 575 | 52.1 | A | 1, 16 |
| | 1800 | 364T | TEFC | ECP84314T-5 | 9,113 | SD | 33.44 | 871 | 95 | 575 | 54.4 | A | 1, 16 |
| | 1200 | 404T | TEFC | ECP84403T-5 | 12,978 | SD | 38.31 | 1220 | 95 | 575 | 55.2 | A | 1, 16 |
| 75 | 3600 | 365TS | TEFC | ECP84313T-5 | 11,288 | SD | 31.31 | 978 | 95 | 575 | 64.5 | A | 1, 16 |
| | 1800 | 365T | TEFC | ECP84316T-5 | 10,598 | SD | 33.44 | 953 | 95.4 | 575 | 68.7 | A | 1, 16 |
| | 1200 | 405T | TEFC | ECP84404T-5 | 15,719 | SD | 38.31 | 1260 | 94.5 | 575 | 69.5 | A | 1, 16 |
| 100 | 3600 | 405TS | TEFC | ECP84402T-5 | 13,527 | SD | 38.31 | 1231 | 95 | 575 | 88 | A | 1, 16 |
| | 1800 | 405T | TEFC | ECP84400T-5 | 14,146 | SD | 38.31 | 1330 | 95.4 | 575 | 89.6 | A | 1, 16 |
| | 1200 | 444T | TEFC | ECP84409T-5 | 17,291 | SD | 44.75 | 1670 | 95 | 575 | 92 | A | 1, 16 |
| 125 | 3600 | 444TS | TEFC | ECP84412T-5 | 15,820 | SD | 40.98 | 1717 | 95.4 | 575 | 109 | A | 1, 16 |
| | 1800 | 444T | TEFC | ECP84410T-5 | 16,047 | SD | 44.75 | 1784 | 95.8 | 575 | 111 | A | 1, 16 |
| | 1200 | 445T | TEFC | ECP84411T-5 | 19,626 | SD | 44.75 | 1860 | 95.5 | 575 | 114 | A | 1, 16 |
| 150 | 3600 | 445TS | TEFC | ECP84413T-5 | 18,180 | SD | 40.98 | 1947 | 96.2 | 575 | 131 | A | 1, 16 |
| | 1800 | 445T | TEFC | ECP84406T-5 | 18,977 | SD | 44.75 | 1933 | 96.2 | 575 | 132 | A | 1, 16 |
| | 1200 | 447T | TEFC | ECP844156TR-5 | 22,895 | SD | 48.24 | 2300 | 95.8 | 575 | 139 | A | 1, 5, 16 |
| 200 | 3600 | 445TS | TEFC | ECP84416T-5 | 24,034 | SD | 43.92 | 1991 | 96.2 | 575 | 177 | A | 1, 16 |
| | 1800 | 447T | TEFC | ECP84407T-5 | 22,831 | SD | 48.24 | 2390 | 96.2 | 575 | 176 | A | 1, 16 |
| | | 447T | TEFC | ECP84407TR-5 | 23,913 | SD | 48.24 | 2453 | 96.2 | 575 | 176 | A | 1, 5, 16 |
| | 1200 | 449T | TEFC | ECP844206TR-5 | 30,062 | SD | 53.24 | 2590 | 96.2 | 575 | 178 | A | 1, 5, 16 |
| 250 | 3600 | 449TS | TEFC | ECP844252T-5 | 38,724 | SD | 49.48 | 2712 | 96.2 | 575 | 213 | B | 1, 16 |
| | 1800 | 449T | TEFC | ECP84408T-5 | 29,145 | SD | 53.24 | 2723 | 96.2 | 575 | 217 | B | 1, 16 |
| | | 449T | TEFC | ECP84408TR-5 | 30,198 | SD | 53.24 | 2727 | 96.2 | 575 | 218 | B | 1, 5, 16 |

C-Face, Foot Mounted

| | | | | | | | | | | | | | |
|-------|------|-------|------|--------------|-------|----|-------|-----|------|-----|------|---|-------|
| 2 | 1800 | 145TC | TEFC | CECP83587T-5 | 1,112 | SD | 13.38 | 70 | 86.5 | 575 | 2.2 | A | 1, 16 |
| 3 | 1800 | 182TC | TEFC | CECP83661T-5 | 1,449 | SD | 16.38 | 147 | 88.5 | 575 | 3 | A | 1, 16 |
| 5 | 1800 | 184TC | TEFC | CECP83665T-5 | 1,457 | SD | 17.88 | 147 | 89.5 | 575 | 5.3 | A | 1, 16 |
| 7 1/2 | 1800 | 213TC | TEFC | CECP83770T-5 | 1,846 | SD | 20.06 | 208 | 91.7 | 575 | 7.5 | A | 1, 16 |
| 10 | 1800 | 215TC | TEFC | CECP83774T-5 | 2,231 | SD | 20.06 | 231 | 91.7 | 575 | 9.8 | A | 1, 16 |
| 15 | 1800 | 254TC | TEFC | CECP82333T-5 | 3,055 | SD | 25.19 | 331 | 92.4 | 575 | 14 | A | 1, 16 |
| 20 | 1800 | 256TC | TEFC | CECP82334T-5 | 3,232 | SD | 25.19 | 344 | 93 | 575 | 19 | A | 1, 16 |
| 25 | 1800 | 284TC | TEFC | CECP84103T-5 | 4,536 | SD | 27.93 | 420 | 93.6 | 575 | 23.9 | A | 1, 16 |
| 30 | 1800 | 286TC | TEFC | CECP84104T-5 | 5,195 | SD | 27.93 | 460 | 93.6 | 575 | 28 | A | 1, 16 |
| 50 | 1800 | 326TC | TEFC | CECP84115T-5 | 7,751 | SD | 30.44 | 725 | 94.5 | 575 | 46.7 | A | 1, 16 |

(a) See notes on inside back flap.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

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

**575 Volt,
Three Phase,
C-Face, Washdown,
Totally Enclosed**

1/2 thru 20 Hp

NEMA 56C thru 256TC

Applications: Food processing and other applications that regularly expose the motor to high pressure wash down.



Features: 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and endplates. Neoprene gaskets. Double sealed ball bearings. Forsheda® running contact v-ring slinger. Stainless steel shaft extension. Electrostatically applied epoxy finish. Class F insulation. CEWDM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

| Hp | RPM | NEMA Frame | Encl. | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-----------------------------|------|------------|-------|----------------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| C-Face, Foot Mounted | | | | | | | | | | | | | |
| 1/2 | 1800 | 56C | TENV | CWDM3538-5 | 576 | WD | 11.07 | 32 | 78.5 | 575 | 0.6 | C | 1, 60 |
| 3/4 | 1800 | 56C | TENV | CWDM3542-5 | 625 | WD | 11.06 | 34 | 80 | 575 | 0.9 | C | 1, 60 |
| 1 | 1800 | 56C | TENV | CEWDM3546-5 | 920 | WD | 12.94 | 46 | 85.5 | 575 | 1.1 | C | 1, 60 |
| | | 56C | TENV | CWDM3546-5 | 670 | WD | 12.06 | 37 | 81 | 575 | 1.3 | C | 1, 60 |
| 1 1/2 | 1800 | 145TC | TENV | CEWDM3554T-5 | 983 | WD | 13.00 | 48 | 86.5 | 575 | 1.6 | C | 1, 60 |
| | | 145TC | TENV | CWDM3554T-5 | 725 | WD | 13.00 | 49 | 82.5 | 575 | 1.7 | C | 1, 60 |
| 2 | 1800 | 145TC | TEFC | CEWDM3558T-5 | 1,083 | WD | 14.16 | 50 | 86.5 | 575 | 2.2 | A | 1 |
| | | 145TC | TEFC | CWDM3558T-5 | 812 | WD | 13.28 | 43 | 84 | 575 | 2.2 | D | 1 |
| 3 | 1800 | 182TC | TEFC | CEWDM3611T-5 | 1,423 | WD | 16.54 | 75 | 89.5 | 575 | 3.1 | A | 1 |
| | | 182TC | TEFC | CWDM3611T-5 | 1,066 | WD | 16.54 | 72 | 87.5 | 575 | 3.3 | D | 1 |
| 5 | 1800 | 184TC | TEFC | CEWDM3615T-5 | 1,612 | WD | 18.04 | 99 | 89.5 | 575 | 5.2 | A | 1 |
| | | 184TC | TEFC | CWDM3615T-5 | 1,205 | WD | 16.54 | 81 | 87.5 | 575 | 5.7 | D | 1 |
| 7 1/2 | 1800 | 213TC | TEFC | CEWDM3710T-5 | 2,040 | WD | 19.78 | 195 | 91.7 | 575 | 8.2 | A | 1 |
| 10 | 1800 | 215TC | TEFC | CEWDM3714T-5 | 2,319 | WD | 21.27 | 162 | 91.7 | 575 | 9.6 | A | 1 |
| 15 | 1800 | 254TC | TEFC | CEWDM23933T-5 | 4,560 | WD | 23.57 | 247 | 92.4 | 575 | 14.5 | A | 1 |
| 20 | 1800 | 256TC | TEFC | CEWDM23934T-5 | 5,289 | WD | 23.57 | 280 | 93 | 575 | 19 | A | 1 |
| C-Face, Footless | | | | | | | | | | | | | |
| 1/2 | 1800 | 56C | TENV | VWDM3538-5 | 572 | WD | 11.06 | 31 | 75.5 | 575 | 0.6 | C | 1, 60 |
| 3/4 | 1800 | 56C | TENV | VWDM3542-5 | 621 | WD | 11.06 | 34 | 80 | 575 | 0.9 | C | 1, 60 |
| 1 | 1800 | 56C | TENV | VWDM3546-5 | 665 | WD | 12.06 | 38 | 81 | 575 | 1.3 | C | 1, 60 |
| 1 1/2 | 1800 | 145TC | TENV | VWDM3554T-5 | 718 | WD | 13.00 | 48 | 82.5 | 575 | 1.7 | C | 1, 60 |
| 2 | 1800 | 145TC | TEFC | VWDM3558T-5 | 816 | WD | 13.30 | 46 | 84 | 575 | 2.2 | B | 1 |

(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 Starters & Dynamic Brakes

Standard-E & Super-E 1/2 thru 2 Hp
Stainless Steel,
Three Phase,
Totally Enclosed,
C-Face

NEMA 56C thru 145TC

Applications: Food processing, packaging, outdoor and highly corrosive environments.

Features: All external surfaces 300 series stainless steel: motor frame, endplates, conduit box, shaft and base. Moisture resistant insulation system. Four condensate drains in each endplate. Endplate rabbets sealed and conduit box gasketed. Labyrinth seals each end. Especially effective in highly corrosive environments where paint or other finishes do not hold up. Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



| Hp | RPM | NEMA Frame | Encl. | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|---------------------|------|------------|-------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| Foot Mounted | | | | | | | | | | | | | |
| 1/2 | 1800 | 56C | TENV | CSSWDM3538-5 | 1,178 | WD | 11.09 | 37 | 80 | 575 | 0.6 | C | |
| 3/4 | 1800 | 56C | TENV | CSSWDM3542-5 | 1,219 | WD | 11.09 | 44 | 82.5 | 575 | 0.9 | C | |
| 1 | 1800 | 56C | TENV | CSSWDM3546-5 | 1,252 | WD | 11.09 | 45 | 85.5 | 575 | 1.1 | C | |
| | | 143TC | TENV | CESSWDM3546T-5 | 1,257 | WD | 11.09 | 42 | 87.5 | 575 | 1.1 | C | |
| 1 1/2 | 1800 | 145TC | TEFC | CESSWDM3554T-5 | 1,281 | WD | 13.42 | 45 | 87.5 | 575 | 1.6 | A | |
| 2 | 1800 | 145TC | TEFC | CESSWDM3558T-5 | 1,539 | WD | 15.67 | 62 | 88.5 | 575 | 2.2 | A | |

(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

**575 Volt,
Three Phase,
ODP, Foot Mounted**

1/3 thru 150 Hp

NEMA 56 thru 444T

Applications: Pumps, compressors, fans, conveyors, machine tools and other applications where 575 volt three phase power is available.

Features: Ball bearings. Mount in any position. Heavy-gauge steel and cast iron frames. EM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| 1/3 | 1800 | 56 | M3104-5 | 265 | LS | 9.50 | 20 | 68 | 575 | 0.6 | C | |
| 1/2 | 1800 | 56 | M3108-5 | 301 | LS | 9.50 | 22 | 74 | 575 | 0.8 | C | |
| 3/4 | 1800 | 56 | M3112-5 | 336 | LS | 10.12 | 25 | 75.5 | 575 | 1.2 | C | |
| 1 | 1800 | 56 | M3116-5 | 379 | LS | 11.75 | 28 | 78.5 | 575 | 1.3 | C | |
| | | 143T | EM3116T-5 | 628 | LS | 11.12 | 33 | 85.5 | 575 | 1.1 | A | 1 |
| | | 143T | M3116T-5 | 381 | LS | 11.12 | 30 | 82.5 | 575 | 1.1 | D | |
| 1 1/2 | 1800 | 145T | EM3154T-5 | 656 | LS | 12.12 | 40 | 86.5 | 575 | 1.7 | A | 1 |
| | | 145T | M3154T-5 | 446 | LS | 11.62 | 37 | 84 | 575 | 1.7 | D | |
| 2 | 1800 | 145T | EM3157T-5 | 703 | LS | 13.00 | 46 | 86.5 | 575 | 2.1 | A | 1 |
| | | 145T | M3157T-5 | 456 | LS | 12.12 | 42 | 84 | 575 | 2.2 | D | |
| 3 | 1800 | 182T | EM3211T-5 | 758 | LS | 15.00 | 66 | 89.5 | 575 | 3.1 | A | 1 |
| | | 182T | M3211T-5 | 476 | LS | 14.63 | 62 | 86.5 | 575 | 3.2 | D | 1 |
| 5 | 1800 | 184T | EM3218T-5 | 830 | LS | 15.00 | 74 | 89.5 | 575 | 5.2 | A | 1 |
| | | 184T | M3218T-5 | 526 | LS | 15.00 | 66 | 87.5 | 575 | 5.5 | D | |
| 7 1/2 | 1800 | 213T | EM3311T-5 | 1,220 | LS | 16.32 | 114 | 91 | 575 | 7.6 | A | 1 |
| | | 213T | M3311T-5 | 746 | LS | 17.00 | 97 | 88.5 | 575 | 7.7 | D | |
| 10 | 1800 | 215T | EM3313T-5 | 1,477 | LS | 17.45 | 145 | 91.7 | 575 | 10 | A | 1 |
| | | 215T | M3313T-5 | 913 | LS | 16.32 | 129 | 89.5 | 575 | 10.8 | D | |
| 15 | 1800 | 254T | EM2513T-5 | 2,091 | LS | 21.69 | 234 | 93 | 575 | 14.1 | A | 1 |
| | | 254T | M2513T-5 | 1,380 | LS | 19.75 | 171 | 91 | 575 | 15.7 | D | 1 |
| 20 | 1800 | 256T | EM2515T-5 | 2,290 | L1 | 21.69 | 237 | 93 | 575 | 18.9 | A | 1 |
| | | 256T | M2515T-5 | 1,774 | L1 | 22.25 | 221 | 91.7 | 575 | 19.2 | D | |
| 25 | 1800 | 284T | EM2531T-5 | 2,791 | L1 | 23.81 | 330 | 93.6 | 575 | 24.2 | A | 1 |
| | | 284T | M2531T-5 | 2,150 | L1 | 23.44 | 278 | 91.7 | 575 | 24.4 | D | |
| 30 | 1800 | 286T | EM2535T-5 | 3,052 | L1 | 25.06 | 356 | 94.1 | 575 | 28 | A | 1 |
| | | 286T | M2535T-5 | 2,514 | L1 | 24.94 | 280 | 92.4 | 575 | 29 | D | |
| 40 | 1800 | 324T | EM2539T-5 | 3,982 | L1 | 26.69 | 482 | 94.1 | 575 | 37.4 | A | 1 |
| | | 324T | M2539T-5 | 3,205 | L1 | 26.19 | 387 | 93 | 575 | 38.8 | D | |
| 50 | 1800 | 326T | EM2543T-5 | 4,394 | L1 | 27.69 | 445 | 94.5 | 575 | 46 | A | 1 |
| | | 326T | M2543T-5 | 3,762 | L1 | 27.19 | 383 | 93 | 575 | 49.2 | D | |
| 60 | 1800 | 364T | EM2547T-5 | 5,532 | L1 | 30.69 | 726 | 95 | 575 | 56 | A | 1 |
| | | 364T | M2547T-5 | 4,640 | L1 | 27.94 | 467 | 93.6 | 575 | 57.4 | D | |
| 75 | 1800 | 365T | EM2551T-5 | 6,790 | L1 | 33.72 | 808 | 95 | 575 | 69 | A | 1 |
| | | 365T | M2551T-5 | 5,695 | L1 | 29.94 | 593 | 94.1 | 575 | 70 | D | |
| 100 | 1800 | 404T | EM2555T-5 | 7,900 | L1 | 36.97 | 898 | 95.4 | 575 | 92 | A | 1 |
| | | 404T | M2555T-5 | 6,343 | L1 | 35.22 | 687 | 94.1 | 575 | 94 | D | |
| 125 | 1800 | 405T | EM2559T-5 | 9,691 | L1 | 34.47 | 1238 | 95.4 | 575 | 115 | A | 1 |
| | | 405T | M2559T-5 | 7,293 | L1 | 34.47 | 932 | 94.5 | 575 | 115 | D | 25 |
| 150 | 1800 | 444T | EM2558T-5 | 10,765 | L1 | 39.56 | 1405 | 95.8 | 575 | 136 | A | 1 |
| | | 444T | M2558T-5 | 9,439 | L1 | 39.62 | 1470 | 95 | 575 | 139 | D | 25 |

(a) See notes on inside back flap.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ 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 Starters & Dynamic Brakes

BALDOR • RELIANCE

**575 Volt,
Three Phase,
Close-Coupled Pump,
TEFC and ODP,
C-Face**

1 thru 20 Hp

NEMA 143JM thru 256JM

Applications: Applications for circulating and transferring fluids.

Features: Over-sized ball bearings with locked drive end construction for minimum shaft movement. Open drip-proof, close coupled pump motors are furnished with rodent screens at both ends. EJMM Super-E® motors have NEMA Premium® efficiency. 3 year warranty.



| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|--|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| Foot Mounted, Totally Enclosed Fan Cooled | | | | | | | | | | | | |
| 1 | 1800 | 143JM | JMM3546T-5 | 579 | L1 | 15.43 | 41 | 82.5 | 575 | 1.2 | B | |
| 1 1/2 | 3600 | 143JM | JMM3550T-5 | 608 | L1 | 15.43 | 36 | 82.5 | 575 | 1.6 | B | |
| | 1800 | 145JM | JMM3554T-5 | 608 | L1 | 15.43 | 46 | 84 | 575 | 1.7 | B | |
| 2 | 3600 | 145JM | JMM3555T-5 | 678 | L1 | 15.43 | 47 | 84 | 575 | 2.1 | B | |
| | 1800 | 145JM | JMM3558T-5 | 635 | L1 | 15.43 | 49 | 84 | 575 | 2.2 | B | |
| 3 | 3600 | 145JM | JMM3559T-5 | 760 | L1 | 16.31 | 50 | 85.5 | 575 | 3 | B | 1 |
| | | 182JM | JMM3610T-5 | 788 | L1 | 16.69 | 67 | 85.5 | 575 | 2.8 | B | |
| | 1800 | 182JM | JMM3611T-5 | 760 | L1 | 18.06 | 63 | 87.5 | 575 | 3.3 | B | 1 |
| 5 | 3600 | 184JM | JMM3613T-5 | 973 | L1 | 18.06 | 75 | 87.5 | 575 | 4.8 | B | 1 |
| | 1800 | 184JM | JMM3615T-5 | 850 | L1 | 18.06 | 79 | 87.5 | 575 | 5.7 | B | 1 |
| 7 1/2 | 3600 | 184JM | JMM3616T-5 | 1,101 | L1 | 19.56 | 88 | 88.5 | 575 | 7 | B | 2, 20 |
| | 1800 | 213JM | JMM3710T-5 | 1,087 | L1 | 19.81 | 122 | 89.5 | 575 | 8.1 | B | 1 |
| 10 | 3600 | 215JM | JMM3711T-5 | 1,483 | L1 | 19.81 | 127 | 89.5 | 575 | 9.2 | B | 1 |
| | 1800 | 215JM | JMM3714T-5 | 1,372 | L1 | 20.94 | 134 | 89.5 | 575 | 10.8 | B | 2, 20 |
| 15 | 3600 | 215JM | JMM3713T-5 | 1,954 | L1 | 21.69 | 151 | 90.2 | 575 | 13.5 | B | |
| | | 254JM | JMM2394T-5 | 2,570 | L1 | 23.07 | 192 | 90.2 | 575 | 13.5 | B | 1 |
| | 1800 | 254JM | JMM2333T-5 | 2,506 | L1 | 23.07 | 203 | 91 | 575 | 15.2 | B | 1 |
| Footless, Totally Enclosed Fan Cooled | | | | | | | | | | | | |
| 1 | 1800 | 143JM | VJMM3546T-5 | 590 | L1 | 14.43 | 36 | 82.5 | 575 | 1.2 | B | |
| 1 1/2 | 1800 | 145JM | VJMM3554T-5 | 618 | L1 | 15.43 | 34 | 84 | 575 | 1.7 | B | |
| 2 | 1800 | 145JM | VJMM3558T-5 | 646 | L1 | 15.43 | 45 | 84 | 575 | 2.2 | B | |
| 3 | 1800 | 182JM | VJMM3611T-5 | 772 | L1 | 18.05 | 72 | 87.5 | 575 | 3.3 | B | 1 |
| 5 | 1800 | 184JM | VJMM3615T-5 | 865 | L1 | 19.70 | 76 | 87.5 | 575 | 5.2 | B | 1 |
| 7 1/2 | 1800 | 213JM | VJMM3710T-5 | 1,123 | L1 | 19.79 | 121 | 89.5 | 575 | 8.1 | B | 1 |
| 10 | 1800 | 215JM | VJMM3714T-5 | 1,387 | L1 | 20.92 | 130 | 89.5 | 575 | 10.8 | B | 2, 20 |
| 15 | 1800 | 254JM | VJMM2333T-5 | 2,528 | L1 | 21.82 | 190 | 91 | 575 | 15.2 | B | 1 |
| 20 | 1800 | 256JM | VJMM2334T-5 | 2,613 | L1 | 25.28 | 267 | 91 | 575 | 19.1 | B | 1 |
| Foot Mounted, Open Drip Proof | | | | | | | | | | | | |
| 3 | 3600 | 145JM | JMM3158T-5 | 654 | L1 | 14.25 | 45 | 84 | 575 | 3.1 | B | |
| | 1800 | 182JM | JMM3211T-5 | 648 | L1 | 17.04 | 60 | 86.5 | 575 | 3.2 | B | 1 |
| 5 | 3600 | 182JM | JMM3212T-5 | 735 | L1 | 15.63 | 62 | 85.5 | 575 | 4.9 | B | |
| | 1800 | 184JM | JMM3218T-5 | 701 | L1 | 16.50 | 73 | 87.5 | 575 | 5.5 | B | |
| 7 1/2 | 3600 | 184JM | JMM3219T-5 | 899 | L1 | 16.50 | 70 | 87.5 | 575 | 7 | B | 1 |
| | 1800 | 213JM | JMM3311T-5 | 1,018 | L1 | 18.84 | 95 | 88.5 | 575 | 8 | B | |
| 10 | 3600 | 213JM | JMM3312T-5 | 1,223 | L1 | 18.19 | 92 | 88.5 | 575 | 9.6 | B | |
| | 1800 | 215JM | JMM3313T-5 | 1,209 | L1 | 18.19 | 110 | 89.5 | 575 | 10.8 | B | |
| 15 | 3600 | 215JM | JMM3314T-5 | 1,643 | L1 | 19.78 | 113 | 89.5 | 575 | 14 | B | 1 |

(a) See notes on inside back flap.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

**575 Volt,
Three Phase,
Explosion Proof**

1/2 thru 40 Hp

NEMA 56 thru 324T

Applications: Shakers, blowers, pumps, mixers, etc.



Features: All models have torques exceeding NEMA standards, copper windings, rotors that are corrosion treated and precision balanced. 1.00 Service Factor. UL and CSA approved for Class I, Group D, Class II, Group, F & G, T3C.

| Hp | RPM | NEMA Frame | Catalog Number | XP (a) Cls/Grp | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|------------------------------------|------|------------|----------------|-------------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| Foot Mounted, No Drip Cover | | | | | | | | | | | | | |
| 1/2 | 1800 | 56 | M7006-5 | Ⓢ | 634 | K | 14.30 | 37 | 74 | 575 | 0.9 | C | |
| 3/4 | 1800 | 56 | M7010-5 | Ⓢ | 730 | K | 14.30 | 35 | 76 | 575 | 1.2 | C | |
| 1 | 3600 | 56 | M7013-5 | Ⓢ | 766 | K | 13.22 | 31 | 75.5 | 575 | 1.2 | C | |
| | | 56 | M7014-5 | Ⓢ | 799 | K | 14.30 | 38 | 75 | 575 | 1.4 | C | |
| | 1800 | 143T | EM7014T-5 | Ⓢ | 1,280 | LS | 15.23 | 49 | 85.5 | 575 | 1.2 | A | |
| | | 143T | M7014T-5 | Ⓢ | 833 | LS | 14.36 | 43 | 82.5 | 575 | 1.2 | D | |
| 1 1/2 | 3600 | 143T | EM7018T-5 | Ⓢ | 1,021 | L1 | 14.36 | 47 | 84 | 575 | 1.6 | A | |
| | | 143T | M7018T-5 | Ⓢ | 786 | L1 | 15.23 | 49 | 82.5 | 575 | 1.5 | D | |
| | 1800 | 145T | EM7034T-5 | Ⓢ | 1,326 | LS | 16.10 | 56 | 86.5 | 575 | 1.6 | A | |
| | | 145T | M7034T-5 | Ⓢ | 835 | LS | 15.23 | 50 | 84 | 575 | 1.7 | D | |
| 2 | 3600 | 145T | EM7071T-5 | Ⓢ | 1,045 | L1 | 16.10 | 56 | 85.5 | 575 | 2.2 | A | |
| | | 145T | M7071T-5 | Ⓢ | 804 | L1 | 15.23 | 53 | 84 | 575 | 2.1 | D | |
| | 1800 | 145T | EM7037T-5 | Ⓢ | 1,446 | LS | 16.10 | 61 | 86.5 | 575 | 2.2 | A | |
| | | 145T | M7037T-5 | Ⓢ | 942 | LS | 15.23 | 53 | 84 | 575 | 2.2 | D | |
| 3 | 1800 | 182T | EM7042T-5 | Ⓢ | 1,340 | L1 | 18.92 | 90 | 89.5 | 575 | 3.4 | A | |
| | | 182T | M7042T-5 | Ⓢ | 1,030 | LS | 17.42 | 78 | 87.5 | 575 | 3.3 | D | |
| 5 | 3600 | 184T | EM7072T-5 | Ⓢ | 1,538 | L1 | 18.12 | 100 | 88.5 | 575 | 4.8 | A | |
| | | 184T | M7072T-5 | Ⓢ | 1,183 | L1 | 18.12 | 94 | 87.5 | 575 | 5.5 | D | |
| | 1800 | 184T | EM7044T-5 | Ⓢ | 1,660 | L1 | 18.92 | 105 | 89.5 | 575 | 5.2 | A | |
| | | 184T | M7044T-5 | Ⓢ | 1,277 | LS | 17.37 | 97 | 87.5 | 575 | 5.2 | D | |
| 7 1/2 | 1800 | 213T | EM7047T-5 | Ⓢ | 2,204 | L1 | 19.57 | 178 | 91.7 | 575 | 8.1 | A | |
| | | 213T | M7047T-5 | Ⓢ | 1,574 | LS | 19.57 | 170 | 89.5 | 575 | 8.1 | D | |
| 10 | 1800 | 215T | EM7170T-5 | Ⓢ | 2,767 | L1 | 19.90 | 251 | 91.7 | 575 | 9.8 | A | |
| | | 215T | M7170T-5 | Ⓢ | 2,131 | L1 | 19.90 | 217 | 89.5 | 575 | 10.4 | D | |
| 15 | 1800 | 254T | EM7054T-5 | Ⓢ | 3,791 | LS | 25.50 | 370 | 92.4 | 575 | 14.4 | A | |
| | | 254T | M7054T-5 | Ⓢ | 2,461 | LS | 25.50 | 351 | 91 | 575 | 14.9 | D | |
| 20 | 1800 | 256T | EM7056T-5 | Ⓢ | 4,913 | LS | 25.50 | 393 | 93 | 575 | 19.2 | A | |
| | | 256T | M7056T-5 | Ⓢ | 3,191 | LS | 25.50 | 361 | 91 | 575 | 19.2 | D | |
| 25 | 1800 | 284T | EM7058T-5 | Ⓢ | 5,960 | LS | 28.61 | 542 | 93.6 | 575 | 24.4 | A | |
| | | 284T | M7058T-5 | Ⓢ | 3,948 | LS | 28.61 | 528 | 92.4 | 575 | 24.6 | D | |
| 30 | 1800 | 286T | EM7060T-5 | Ⓢ | 7,266 | L1 | 28.61 | 567 | 93.6 | 575 | 48.4 | A | |
| | | 286T | M7060T-5 | Ⓢ | 4,735 | L1 | 28.61 | 552 | 92.4 | 575 | 28.8 | D | |
| 40 | 1800 | 324T | EM7062T-5 | Ⓢ | 9,738 | LS | 32.00 | 767 | 94.1 | 575 | 38.4 | A | |
| | | 324T | M7062T-5 | Ⓢ | 6,447 | LS | 32.00 | 761 | 93 | 575 | 37.6 | D | |

(a) See notes on inside back flap.

■ Cast Iron Frame

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty. The Explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty Explosion-proof motors must be used. See page 232.

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

575 Volt, Three Phase, Explosion Proof

| Hp | RPM | NEMA Frame | Catalog Number | XP ^(a) Cts/Grp | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status ^(a) | Notes ^(a) |
|--|------|------------|-------------------|---------------------------|------------|------------|----------|----------------|----------------------|---------|----------------|----------------------------|----------------------|
| C-Face, Footless, No Drip Cover | | | | | | | | | | | | | |
| 1/2 | 1800 | 56C | VM7006-5 | Ⓟ | 825 | K | 14.30 | 34 | 74 | 575 | 0.9 | C | |
| 3/4 | 1800 | 56C | VM7010-5 | Ⓟ | 840 | K | 14.30 | 35 | 76 | 575 | 1.2 | C | |
| 1 | 1800 | 56C | VM7014-5 | Ⓟ | 882 | K | 14.30 | 40 | 75 | 575 | 1.4 | C | |
| | | 143TC | VEM7014T-5 | Ⓟ | 1,167 | L1 | 15.23 | 44 | 85.5 | 575 | 1.1 | B | |
| | | 143TC | VM7014T-5 | Ⓟ | 952 | L1 | 14.36 | 44 | 82.5 | 575 | 1.2 | B | |
| 1 1/2 | 1800 | 145TC | VEM7034T-5 | Ⓟ | 1,272 | L1 | 16.10 | 52 | 86.5 | 575 | 1.6 | B | |
| | | 145TC | VM7034T-5 | Ⓟ | 1,026 | L1 | 15.23 | 50 | 84 | 575 | 1.7 | B | |
| 2 | 1800 | 145TC | VEM7037T-5 | Ⓟ | 1,348 | L1 | 17.48 | 53 | 86.5 | 575 | 2.2 | B | |
| | | 145TC | VM7037T-5 | Ⓟ | 1,110 | L1 | 15.23 | 51 | 84 | 575 | 2.2 | B | |
| 3 | 1800 | 182TC | VEM7042T-5 | Ⓟ | 1,522 | L1 | 18.86 | 95 | 89.5 | 575 | 3.2 | B | |
| | | 182TC | VM7042T-5 | Ⓟ | 1,423 | L1 | 18.86 | 92 | 87.5 | 575 | 3.3 | B | |
| 5 | 1800 | 184TC | VEM7044T-5 | Ⓟ | 1,798 | L1 | 18.80 | 112 | 89.5 | 575 | 5.2 | B | |
| | | 184TC | VM7044T-5 | Ⓟ | 1,733 | L1 | 18.80 | 109 | 87.5 | 575 | 5.2 | B | |
| 7 1/2 | 1800 | 213TC | VM7047T-5 | Ⓟ | 2,006 | L1 | 19.19 | 171 | 89.5 | 575 | 8.1 | B | |

^(a) See notes on inside back flap.

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty. The Explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty Explosion-proof motors must be used. See page 232.

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

**Drill Rig Duty,
Three Phase,
1.15 Service Factor,
Foot Mounted**

3 thru 100 Hp

NEMA 182T thru 405T



Applications: On and off shore drill rig service, bulk fuel terminals, and transfer stations. For use in high humidity hazardous-duty applications driving pumps, compressors, blowers, fans, and many other loads that require 1.15 service factor explosion-proof motors. Designed with features for use in the petroleum industry. Includes Class I, Group C & D approval for use in areas where hydrogen sulfide is present.

Features: Labyrinth-type recessed shaft slinger for increased bearing protection Explosion-proof breather/drain to prevent build up of condensation. 40°C ambient, Class F insulation. Corrosion resistant finish with two part epoxy coating. UL and CSA approved for Class I, Group C & D. 1.15 service factor. Suitable for 55°C @ 1.0 service factor.

| Hp | RPM | NEMA Frame | Catalog Number | XP (a) Cls/Grp | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-------|------|------------|----------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| 3 | 1800 | 182T | EM7042T-I-5 | Ⓢ | 1,341 | SD | 18.92 | 90 | 89.5 | 575 | 3.4 | A | 1, 19 |
| | | 182T | M7042T-I-5 | Ⓢ | 1,033 | SD | 18.27 | 99 | 87.5 | 575 | 3.3 | D | 1, 19 |
| 5 | 1800 | 184T | EM7044T-I-5 | Ⓢ | 1,663 | SD | 18.92 | 105 | 89.5 | 575 | 5.2 | A | 1, 19 |
| | | 184T | M7044T-I-5 | Ⓢ | 1,281 | SD | 18.27 | 114 | 87.5 | 575 | 5.2 | D | 1, 19 |
| 7 1/2 | 1800 | 213T | EM7047T-I-5 | Ⓢ | 2,050 | SD | 19.57 | 178 | 91.7 | 575 | 8.1 | A | 1, 19 |
| | | 213T | M7047T-I-5 | Ⓢ | 1,579 | SD | 20.32 | 165 | 89.5 | 575 | 8.2 | D | 1, 19 |
| 10 | 1800 | 215T | EM7170T-I-5 | Ⓢ | 2,767 | SD | 19.90 | 251 | 91.7 | 575 | 9.8 | A | 1, 19 |
| | | 215T | M7170T-I-5 | Ⓢ | 2,131 | SD | 20.03 | 230 | 89.5 | 575 | 11.4 | D | 1, 19 |
| 15 | 1800 | 254T | EM7054T-I-5 | Ⓢ | 3,320 | SD | 25.50 | 370 | 92.4 | 575 | 14.4 | A | 1, 19 |
| | | 254T | M7054T-I-5 | Ⓢ | 2,469 | SD | 25.50 | 381 | 91 | 575 | 14.9 | D | 1, 19 |
| 20 | 1800 | 256T | EM7056T-I-5 | Ⓢ | 4,156 | SD | 25.50 | 393 | 93 | 575 | 19.2 | A | 1, 19 |
| | | 256T | M7056T-I-5 | Ⓢ | 3,201 | SD | 25.50 | 381 | 91 | 575 | 19.2 | D | 1, 19 |
| 25 | 1800 | 284T | EM7058T-I-5 | Ⓢ | 5,218 | SD | 28.61 | 542 | 93.6 | 575 | 24.4 | A | 1, 19 |
| | | 284T | M7058T-I-5 | Ⓢ | 3,960 | SD | 28.61 | 415 | 92.4 | 575 | 24.6 | D | 1, 19 |
| 30 | 1800 | 286T | EM7060T-I-5 | Ⓢ | 6,363 | SD | 28.61 | 567 | 93.6 | 575 | 48.4 | A | 1, 19 |
| | | 286T | M7060T-I-5 | Ⓢ | 4,735 | SD | 28.61 | 583 | 92.4 | 575 | 28.8 | D | 1, 19 |
| 40 | 1800 | 324T | EM7062T-I-5 | Ⓢ | 8,527 | SD | 32.00 | 767 | 94.1 | 575 | 38.4 | A | 1, 19 |
| | | 324T | M7062T-I-5 | Ⓢ | 6,468 | SD | 32.00 | 764 | 93 | 575 | 37.6 | D | 1, 19 |
| 50 | 1800 | 326T | EM7064T-I-5 | Ⓢ | 9,919 | SD | 32.00 | 790 | 94.5 | 575 | 46.4 | A | 1, 19 |
| | | 326T | M7064T-I-5 | Ⓢ | 7,526 | SD | 32.00 | 795 | 93 | 575 | 47 | D | 1, 19 |
| 60 | 1800 | 364T | EM7066T-I-5 | Ⓢ | 11,215 | SD | 33.44 | 965 | 95 | 575 | 91.6 | A | 1, 19 |
| | | 364T | M7066T-I-5 | Ⓢ | 8,537 | SD | 33.25 | 979 | 93.6 | 575 | 56 | D | 1, 19 |
| 75 | 1800 | 365T | EM7068T-I-5 | Ⓢ | 11,675 | SD | 33.44 | 1065 | 95.4 | 575 | 68.9 | A | 1, 19 |
| | | 365T | M7068T-I-5 | Ⓢ | 10,500 | SD | 33.25 | 1031 | 94.1 | 575 | 69 | D | 1, 19 |
| 100 | 1800 | 405T | EM7090T-I-5 | Ⓢ | 14,973 | SD | 38.31 | 1335 | 95.4 | 575 | 90 | A | 1, 19 |
| | | 405T | M7090T-I-5 | Ⓢ | 12,693 | SD | 38.75 | 1372 | 94.5 | 575 | 87 | D | 1, 19 |

(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 Starters & Dynamic Brakes