

## THREE PHASE FOOT MOUNT & FLANGE MOUNT

WEG Explosion Proof motors are suitable for applications requiring UL or CSA certification for hazardous locations. Thermally protected with thermostats, all motors manufactured are submitted to hydrostatic as well as other routine testing at the factory to ensure compliance to the required specifications. WEG High Efficiency Explosion Proof motors are specifically designed to meet or exceed all EPart requirements for energy efficiency.



## APPLICATIONS

- Petroleum and gasoline
- Flour / feed mills
- Grain elevators
- Fans
- Pumps
- Blowers
- Material handling equipment
- Other applications requiring motors UL or CSA listed for hazardous locations.

## OPTIONAL FEATURES

- Special Voltages and frequency
- Stainless steel shaft
- C (not available 586/7T) and D flanges
- F2 mount
- Maximum ambient temperature to 55°C (under inquiry)

### CSA AND UL APPROVED



CSA approved – File LR 50962  
Class 1, Division I, groups C and D  
Class 2, Division I, groups F and G



ALSO ENERGY  
VERIFIED  
CSA C390-93(+)

UL approved – File E 87848  
Temperature code T4  
Frame 143T up to 326T  
Class 1, Division I, groups C and D  
  
Frame 364T up to 586/7  
Temperature code T3C  
Class 1, Division I, groups C and D

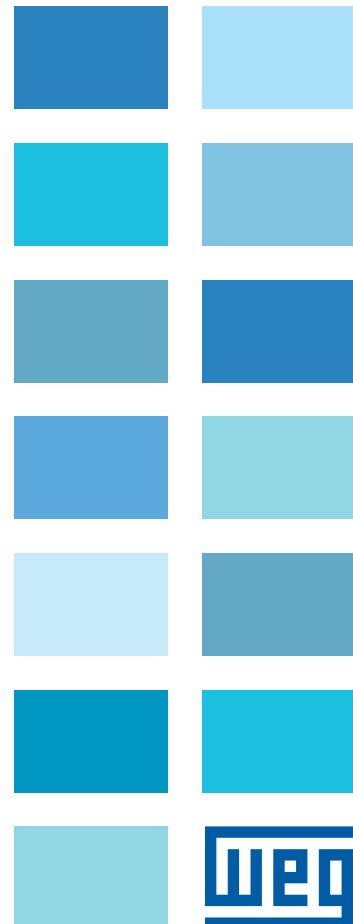
Note: Motors are tested according to IEEE 112 std. – method 'B' or C390 CSA  
• Design B torque rating on nameplate can be re-plated for design C for 15-200Hp 1800 and 1200 rpm  
Energy efficiency motors verified by UL in addition to the DOE.

## STANDARD FEATURES

- Efficiency Certification number CC029A according to US Department of Energy Regulations
- Three-phase, 60Hz
- Voltage: 208-230/460, 460 or 575V
- Squirrel cage rotor / Aluminum die cast
- Totally Enclosed Fan Cooled – TEFC (IP55)
- Ball bearings are supplied as standard
- Cast iron frame
- Class 'F' insulation
- Temperature rise: Class 'B' (80°C)
- Service factor: 1.15
- Inverter Duty as per CSA Standard (LR50962)
- NEMA dimensions
- NEMA ratings design 'B'
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Altitude: 3300 ft (1000 m) max
- 1045 Carbon Steel Shaft for frames up to 365T
- 4140 steel shaft for motors 404T and above. (3600 RPM motors supplied with 1045)
- Class 'F' insulation for all frames
- Class 'H' impregnation resin
- F1 mount
- Stainless steel nameplate
- Paint: Synthetic Enamel alkyd resin base (exceeds ASTM B117 salt spray test)
- Color: RAL 5009 – Blue (2, 4, 6 and 8 pole)
- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- Greasing fitting from 364/5T up to 586/7



- Meets or exceeds EPart requirements
- UL/CSA certified



EXPLOSION  
PROOF





## FOOT MOUNT

| HP  | RPM  | NEMA Frame | Catalog Number | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | “C” Dimension (in.) | Voltage      | NOTES |
|-----|------|------------|----------------|------------|-------------|----------------------------|-------------|----------|---------------------|--------------|-------|
| 1   | 1800 | 143T       | 00118XP3E143T  | 703        | X1          | 71                         | 1.49        | 82.5     | 12.760              | 208-230/460V |       |
|     | 1800 | 143T       | 00118XP3H143T  | 703        | X1          | 71                         | 1.49        | 82.5     | 12.760              | 575V         |       |
|     | 1200 | 145T       | 00112XP3E145T  | 760        | X1          | 67                         | 1.70        | 80.0     | 13.752              | 208-230/460V |       |
|     | 1200 | 145T       | 00112XP3H145T  | 760        | X1          | 67                         | 1.36        | 80.0     | 13.752              | 575V         | ◆     |
|     | 900  | 182T       | 00109XP3E182T  | 1,512      | X1          | 132                        | 2.24        | 72.5     | 14.862              | 208-230/460V |       |
| 1.5 | 3600 | 143T       | 00156XP3E143T  | 727        | X1          | 69                         | 1.99        | 82.5     | 12.760              | 208-230/460V |       |
|     | 3600 | 143T       | 00156XP3H143T  | 727        | X1          | 69                         | 1.6         | 82.5     | 12.760              | 575V         | ◆     |
|     | 1800 | 145T       | 00158XP3E145T  | 729        | X1          | 78                         | 2.05        | 84.0     | 13.752              | 208-230/460V |       |
|     | 1800 | 145T       | 00158XP3H145T  | 729        | X1          | 78                         | 1.64        | 84.0     | 13.752              | 575V         |       |
|     | 1200 | 182T       | 00152XP3E182T  | 920        | X1          | 128                        | 2.38        | 85.5     | 14.862              | 208-230/460V |       |
|     | 1200 | 182T       | 00152XP3H182T  | 920        | X1          | 128                        | 1.90        | 85.5     | 14.862              | 575V         | ◆     |
|     | 900  | 184T       | 00159XP3E184T  | 1,548      | X1          | 137                        | 2.81        | 74.5     | 15.862              | 208-230/460V |       |
| 2   | 3600 | 145T       | 00236XP3E145T  | 741        | X1          | 71                         | 2.60        | 84.0     | 13.752              | 208-230/460V |       |
|     | 3600 | 145T       | 00236XP3H145T  | 741        | X1          | 71                         | 2.08        | 84.0     | 13.752              | 575V         | ◆     |
|     | 1800 | 145T       | 00218XP3E145T  | 756        | X1          | 80                         | 2.70        | 84.0     | 13.752              | 208-230/460V |       |
|     | 1800 | 145T       | 00218XP3H145T  | 756        | X1          | 80                         | 2.16        | 84.0     | 13.752              | 575V         |       |
|     | 1200 | 184T       | 00212XP3E184T  | 966        | X1          | 132                        | 3.20        | 86.5     | 15.862              | 208-230/460V |       |
|     | 1200 | 184T       | 00212XP3H184T  | 966        | X1          | 132                        | 2.56        | 86.5     | 15.862              | 575V         | ◆     |
|     | 900  | 213T       | 00209XP3E213T  | 1,953      | X1          | 174                        | 3.40        | 78.0     | 17.952              | 208-230/460V |       |
| 3   | 3600 | 182T       | 00336XP3E182T  | 920        | X1          | 135                        | 3.59        | 85.5     | 14.862              | 208-230/460V |       |
|     | 3600 | 182T       | 00336XP3H182T  | 920        | X1          | 135                        | 2.87        | 85.5     | 14.862              | 575V         | ◆     |
|     | 1800 | 182T       | 00318XP3E182T  | 960        | X1          | 132                        | 3.90        | 87.5     | 14.862              | 208-230/460V |       |
|     | 1800 | 182T       | 00318XP3H182T  | 960        | X1          | 132                        | 3.12        | 87.5     | 14.862              | 575V         |       |
|     | 1200 | 213T       | 00312XP3E213T  | 1,414      | X1          | 167                        | 4.15        | 87.5     | 17.952              | 208-230/460V |       |
|     | 1200 | 213T       | 00312XP3H213T  | 1,414      | X1          | 167                        | 3.32        | 87.5     | 17.952              | 575V         | ◆     |
|     | 900  | 215T       | 00309XP3E215T  | 2,134      | X1          | 198                        | 4.67        | 80.0     | 19.450              | 208-230/460V |       |
| 5   | 3600 | 184T       | 00536XP3E184T  | 1,035      | X1          | 126                        | 5.90        | 87.5     | 15.862              | 208-230/460V |       |
|     | 3600 | 184T       | 00536XP3H184T  | 1,035      | X1          | 126                        | 4.72        | 87.5     | 15.862              | 575V         | ◆     |
|     | 1800 | 184T       | 00518XP3E184T  | 986        | X1          | 137                        | 6.48        | 87.5     | 15.862              | 208-230/460V |       |
|     | 1800 | 184T       | 00518XP3H184T  | 986        | X1          | 137                        | 5.18        | 87.5     | 15.862              | 575V         |       |
|     | 1200 | 215T       | 00512XP3E215T  | 1,439      | X1          | 175                        | 6.80        | 87.5     | 19.450              | 208-230/460V |       |
|     | 1200 | 215T       | 00512XP3H215T  | 1,439      | X1          | 175                        | 5.44        | 87.5     | 19.450              | 575V         | ◆     |
|     | 900  | 254T       | 00509XP3E254T  | 3,237      | X1          | 324                        | 7.85        | 84.5     | 23.175              | 208-230/460V |       |
| 7.5 | 3600 | 213T       | 00736XP3E213T  | 1,397      | X1          | 200                        | 8.66        | 88.5     | 17.952              | 208-230/460V |       |
|     | 3600 | 213T       | 00736XP3H213T  | 1,397      | X1          | 200                        | 6.93        | 88.5     | 17.952              | 575V         | ◆     |
|     | 1800 | 213T       | 00718XP3E213T  | 1,439      | X1          | 196                        | 9.53        | 89.5     | 17.952              | 208-230/460V |       |
|     | 1800 | 213T       | 00718XP3H213T  | 1,439      | X1          | 196                        | 7.62        | 89.5     | 17.952              | 575V         |       |
|     | 1200 | 254T       | 00712XP3E254T  | 1,983      | X1          | 313                        | 9.53        | 89.5     | 23.175              | 208-230/460V |       |
|     | 1200 | 254T       | 00712XP3H254T  | 1,983      | X1          | 313                        | 7.62        | 89.5     | 23.175              | 575V         | ◆     |
|     | 900  | 256T       | 00709XP3E256T  | 3,675      | X1          | 348                        | 11.3        | 86.0     | 24.923              | 208-230/460V |       |

• ELECTRICAL FEATURES ON PAGE B-10.

• MECHANICAL FEATURES ON PAGE B-56, B-57.

◆ = Product may not be available from stock

# EXPLOSION PROOF MOTORS

TEFC – HIGH EFFICIENCY

EPACT CC# CC029A



## FOOT MOUNT

| HP | RPM  | NEMA Frame | Catalog Number | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | "C" Dimension (in.) | Voltage      | NOTES |
|----|------|------------|----------------|------------|-------------|----------------------------|-------------|----------|---------------------|--------------|-------|
| 10 | 3600 | 215T       | 01036XP3E215T  | 1,466      | X1          | 196                        | 11.7        | 89.5     | 19.450              | 208-230/460V |       |
|    | 3600 | 215T       | 01036XP3H215T  | 1,466      | X1          | 196                        | 9.4         | 89.5     | 19.450              | 575V         | ◆     |
|    | 1800 | 215T       | 01018XP3E215T  | 1,542      | X1          | 211                        | 12.8        | 90.2     | 19.450              | 208-230/460V |       |
|    | 1800 | 215T       | 01018XP3H215T  | 1,542      | X1          | 211                        | 10.2        | 90.2     | 19.450              | 575V         |       |
|    | 1200 | 256T       | 01012XP3E256T  | 2,296      | X1          | 329                        | 13.4        | 89.5     | 24.923              | 208-230/460V |       |
|    | 1200 | 256T       | 01012XP3H256T  | 2,296      | X1          | 329                        | 10.7        | 89.5     | 24.923              | 575V         |       |
|    | 900  | 284T       | 01009XP3E284T  | 4,631      | X1          | 470                        | 13.2        | 87.4     | 26.407              | 208-230/460V |       |
| 15 | 3600 | 254T       | 01536XP3E254T  | 1,922      | X1          | 310                        | 21.3        | 90.2     | 23.175              | 208-230/460V | ◆     |
|    | 3600 | 254T       | 01536XP3H254T  | 1,922      | X1          | 310                        | 17.0        | 90.2     | 23.175              | 575V         | ◆     |
|    | 1800 | 254T       | 01518XP3E254T  | 2,008      | X1          | 319                        | 17.9        | 91.0     | 23.175              | 208-230/460V |       |
|    | 1800 | 254T       | 01518XP3H254T  | 2,008      | X1          | 319                        | 14.3        | 91.0     | 23.175              | 575V         |       |
|    | 1200 | 284T       | 01512XP3E284T  | 3,230      | X1          | 346                        | 17.3        | 91.0     | 26.407              | 208-230/460V |       |
|    | 1200 | 284T       | 01512XP3H284T  | 3,230      | X1          | 346                        | 13.8        | 91.0     | 26.407              | 575V         | ◆     |
|    | 900  | 286T       | 01509XP3E286T  | 5,677      | X1          | 481                        | 18.8        | 88.5     | 27.905              | 208-230/460V |       |
| 20 | 3600 | 256T       | 02036XP3E256T  | 2,514      | X1          | 366                        | 23.3        | 90.2     | 24.923              | 208-230/460V | ◆     |
|    | 3600 | 256T       | 02036XP3H256T  | 2,514      | X1          | 366                        | 18.6        | 90.2     | 24.923              | 575V         | ◆     |
|    | 1800 | 256T       | 02018XP3E256T  | 2,453      | X1          | 352                        | 24.4        | 91.0     | 24.923              | 208-230/460V |       |
|    | 1800 | 256T       | 02018XP3H256T  | 2,453      | X1          | 352                        | 19.5        | 91.0     | 24.923              | 575V         |       |
|    | 1200 | 286T       | 02012XP3E286T  | 3,703      | X1          | 470                        | 23.5        | 91.0     | 27.905              | 208-230/460V |       |
|    | 1200 | 286T       | 02012XP3H286T  | 3,703      | X1          | 470                        | 18.8        | 91.0     | 27.905              | 575V         | ◆     |
|    | 900  | 324T       | 02009XP3E324T  | 6,984      | X1          | 574                        | 29.6        | 88.5     | 29.602              | 208-230/460V |       |
| 25 | 3600 | 284TS      | 02536XP3E284TS | 3,308      | X1          | 419                        | 29.0        | 91.0     | 25.033              | 208-230/460V | ◆     |
|    | 3600 | 284TS      | 02536XP3H284TS | 3,308      | X1          | 419                        | 23.2        | 91.0     | 25.033              | 575V         | ◆     |
|    | 1800 | 284T       | 02518XP3E284T  | 3,110      | X1          | 503                        | 29.6        | 92.4     | 26.407              | 208-230/460V |       |
|    | 1800 | 284T       | 02518XP3H284T  | 3,110      | X1          | 503                        | 23.7        | 92.4     | 26.407              | 575V         | ◆     |
|    | 1200 | 324T       | 02512XP3E324T  | 4,456      | X1          | 572                        | 29.8        | 91.7     | 29.602              | 208-230/460V |       |
|    | 1200 | 324T       | 02512XP3H324T  | 4,456      | X1          | 572                        | 23.8        | 91.7     | 29.602              | 575V         | ◆     |
|    | 900  | 326T       | 02509XP3E326T  | 8,513      | X1          | 640                        | 35.3        | 89.0     | 31.106              | 208-230/460V |       |
| 30 | 3600 | 286TS      | 03036XP3E286TS | 3,374      | X1          | 472                        | 33.8        | 91.0     | 26.531              | 208-230/460V | ◆     |
|    | 1800 | 286T       | 03018XP3E286T  | 3,545      | X1          | 547                        | 34.4        | 92.4     | 27.905              | 208-230/460V |       |
|    | 1800 | 286T       | 03018XP3H286T  | 3,545      | X1          | 547                        | 27.5        | 92.4     | 27.905              | 575V         |       |
|    | 1200 | 326T       | 03012XP3E326T  | 5,163      | X1          | 625                        | 35.4        | 91.7     | 31.106              | 208-230/460V |       |
|    | 900  | 364T       | 03009XP3E364T  | 11,677     | X1          | 1025                       | 36.9        | 90.2     | 33.701              | 208-230/460V | ◆     |
| 40 | 3600 | 324TS      | 04036XP3E324TS | 4,652      | X1          | 618                        | 46.1        | 91.7     | 28.102              | 208-230/460V | ◆     |
|    | 3600 | 324TS      | 04036XP3H324TS | 4,652      | X1          | 618                        | 36.9        | 91.7     | 28.102              | 575V         | ◆     |
|    | 1800 | 324T       | 04018XP3E324T  | 4,461      | X1          | 623                        | 47.6        | 93.0     | 29.602              | 208-230/460V |       |
|    | 1800 | 324T       | 04018XP3H324T  | 4,461      | X1          | 623                        | 38.1        | 93.0     | 29.602              | 575V         |       |
|    | 1200 | 364T       | 04012XP3E364T  | 8,617      | X1          | 992                        | 47.1        | 93.0     | 33.701              | 208-230/460V |       |
|    | 1200 | 364T       | 04012XP3H364T  | 8,617      | X1          | 992                        | 37.7        | 93.0     | 33.701              | 575V         | ◆     |
|    | 900  | 365T       | 04009XP3E365T  | 12,326     | X1          | 1085                       | 49.1        | 90.2     | 33.701              | 208-230/460V | ◆     |
| 50 | 3600 | 326TS      | 05036XP3E326TS | 5,195      | X1          | 656                        | 56.5        | 92.4     | 29.606              | 208-230/460V | ◆     |
|    | 3600 | 326TS      | 05036XP3H326TS | 5,195      | X1          | 656                        | 45.2        | 92.4     | 29.606              | 575V         | ◆     |
|    | 1800 | 326T       | 05018XP3E326T  | 5,245      | X1          | 720                        | 57.8        | 93.6     | 31.106              | 208-230/460V |       |
|    | 1800 | 326T       | 05018XP3H326T  | 5,245      | X1          | 720                        | 46.2        | 93.6     | 31.106              | 575V         |       |
|    | 1200 | 365T       | 05012XP3E365T  | 8,921      | X1          | 992                        | 58.1        | 93.0     | 33.701              | 208-230/460V |       |
|    | 900  | 404T       | 05009XP3E404T  | 14,420     | X1          | 1308                       | 61.5        | 91.0     | 38.074              | 208-230/460V | ◆     |

• ELECTRICAL FEATURES ON PAGE B-9, B-10.

• MECHANICAL FEATURES ON PAGE B-56, B-57.

◆ = Product may not be available from stock

Can't find what you are looking for? Call 1-800-ASK-4WEG (275-4934)

Data subject to change without notice.

A-61

EXPLOSION  
PROOF



## FOOT MOUNT

| HP  | RPM  | NEMA Frame | Catalog Number  | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | "C" Dimension (in.) | Voltage      | NOTES |
|-----|------|------------|-----------------|------------|-------------|----------------------------|-------------|----------|---------------------|--------------|-------|
| 60  | 3600 | 364TS      | 06036XP3E364TS  | 8,373      | X1          | 1014                       | 69.0        | 93.0     | 31.575              | 208-230/460V | ◆     |
|     | 1800 | 364T       | 06018XP3E364T   | 8,770      | X1          | 1060                       | 67.0        | 93.6     | 33.701              | 208-230/460V |       |
|     | 1200 | 404T       | 06012XP3E404T   | 11,089     | X1          | 1222                       | 70.1        | 93.6     | 38.074              | 208-230/460V |       |
|     | 900  | 405T       | 06009XP3E405T   | 16,985     | X1          | 1368                       | 75.5        | 91.0     | 38.074              | 208-230/460V | ◆     |
| 75  | 3600 | 365TS      | 07536XP3E365TS  | 9,472      | X1          | 1156                       | 82.5        | 93.0     | 31.575              | 208-230/460V | ◆     |
|     | 1800 | 365T       | 07518XP3E365T   | 9,333      | X1          | 1347                       | 82.4        | 94.1     | 33.701              | 208-230/460V |       |
|     | 1200 | 405T       | 07512XP3E405T   | 11,530     | X1          | 1291                       | 86.8        | 93.6     | 38.074              | 208-230/460V |       |
|     | 900  | 444T       | 07509XP3E444T   | 21,094     | X1          | 1863                       | 92.5        | 92.0     | 43.797              | 208-230/460V | ◆     |
| 100 | 3600 | 405TS      | 10036XP3E405TS  | 10,291     | X1          | 1456                       | 113         | 93.6     | 35.074              | 208-230/460V | ◆     |
|     | 3600 | 405TS      | 10036XP3G405TS  | 10,291     | X1          | 1456                       | 113         | 93.6     | 35.074              | 460V         | ◆     |
|     | 1800 | 405T       | 10018XP3E405T   | 11,603     | X1          | 1390                       | 115         | 94.5     | 38.074              | 208-230/460V |       |
|     | 1800 | 405T       | 10018XP3G405T   | 11,603     | X1          | 1390                       | 115         | 94.5     | 38.074              | 460V         |       |
|     | 1200 | 444T       | 10012XP3E444T   | 17,528     | X1          | 1720                       | 121         | 94.1     | 43.797              | 208-230/460V |       |
|     | 1200 | 444T       | 10012XP3G444T   | 17,528     | X1          | 1720                       | 121         | 94.1     | 43.797              | 460V         |       |
|     | 900  | 445T       | 10009XP3E445T   | 25,321     | X1          | 2028                       | 133         | 92.0     | 43.797              | 208-230/460V | ◆     |
|     | 900  | 445T       | 10009XP3G445T   | 25,321     | X1          | 2028                       | 133         | 92.0     | 43.797              | 460V         | ◆     |
| 125 | 3600 | 444TS      | 12536XP3G444TS  | 17,394     | X1          | 1951                       | 131         | 94.5     | 40.047              | 460V         | ◆     |
|     | 1800 | 444T       | 12518XP3E444T   | 16,827     | X1          | 1797                       | 138         | 94.5     | 43.797              | 208-230/460V |       |
|     | 1800 | 444T       | 12518XP3G444T   | 16,827     | X1          | 1797                       | 138         | 94.5     | 43.797              | 460V         |       |
|     | 1200 | 445T       | 12512XP3G445T   | 18,165     | X1          | 2050                       | 141         | 94.1     | 43.797              | 460V         |       |
|     | 900  | 504        | 12509XP3G504    | 28,717     | X1          | 2443                       | 155         | 92.5     | 49.445              | 460V         | ◆     |
| 150 | 3600 | 445TS      | 15036XP3G445TS  | 17,956     | X1          | 1991                       | 160         | 94.5     | 40.047              | 460V         | ◆     |
|     | 1800 | 445T       | 15018XP3E445T   | 18,182     | X1          | 2006                       | 168         | 95.0     | 43.797              | 208-230/460V |       |
|     | 1800 | 445T       | 15018XP3G445T   | 18,182     | X1          | 2006                       | 168         | 95.0     | 43.797              | 460V         |       |
|     | 1200 | 504        | 15012XP3G504    | 25,276     | X1          | 2167                       | 171         | 95.0     | 49.445              | 460V         | ◆     |
|     | 900  | 505        | 15009XP3G505    | 31,289     | X1          | 2694                       | 189         | 92.5     | 49.445              | 460V         | ◆     |
|     | 3600 | 504S       | 20036XP3G504S   | 24,538     | X1          | 2227                       | 223         | 95.0     | 47.193              | 460V         | ◆     |
| 200 | 1800 | 504        | 20018XP3G504    | 22,948     | X1          | 2385                       | 230         | 95.0     | 49.445              | 460V         | ◆     |
|     | 1200 | 505        | 20012XP3G505    | 26,250     | X1          | 2467                       | 236         | 95.0     | 49.445              | 460V         | ◆     |
|     | 900  | 586/7      | 20009XP3G586/7  | 47,701     | X1          | 4035                       | 256         | 94.5     | 61.389              | 460V         | ◆     |
|     | 3600 | 505S       | 25036XP3G505S   | 25,936     | X1          | 2573                       | 268         | 95.4     | 47.193              | 460V         | ◆     |
| 250 | 1800 | 505        | 25018XP3G505    | 27,388     | X1          | 2740                       | 283         | 95.4     | 49.445              | 460V         | ◆     |
|     | 1200 | 586/7      | 25012XP3G586/7  | 46,557     | X1          | 4002                       | 305         | 95.0     | 61.389              | 460V         | ◆     |
|     | 900  | 586/7      | 25009XP3G586/7  | 50,701     | X1          | 4344                       | 313         | 93.9     | 61.389              | 460V         | ◆     |
|     | 3600 | 586/7S     | 30036XP3G586/7S | 46,692     | X1          | 3638                       | 325         | 95.4     | 54.514              | 460V         | ◆     |
| 300 | 1800 | 586/7      | 30018XP3G586/7  | 40,772     | X1          | 4322                       | 329         | 95.4     | 61.389              | 460V         | ◆     |
|     | 1200 | 586/7      | 30012XP3G586/7  | 50,565     | X1          | 4487                       | 355         | 95.0     | 61.389              | 460V         | ◆     |
| 350 | 3600 | 586/7S     | 35036XP3G586/7S | 54,890     | X1          | 3859                       | 384         | 95.4     | 54.514              | 460V         | ◆     |
|     | 1800 | 586/7      | 35018XP3G586/7  | 44,351     | X1          | 4344                       | 398         | 95.4     | 61.389              | 460V         | ◆     |
| 400 | 1800 | 586/7      | 40018XP3G586/7  | 50,913     | X1          | 4719                       | 459         | 95.4     | 61.389              | 460V         | ◆     |
| 450 | 1800 | 586/7      | 45018XP3G586/7  | 54,334     | X1          | 5248                       | 505         | 95.4     | 61.389              | 460V         | ◆     |
| 500 | 1800 | 586/7      | 50018XP3G586/7  | 58,405     | X1          | 5469                       | 564         | 95.8     | 61.389              | 460V         | ◆     |

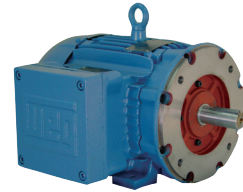
- ELECTRICAL FEATURES ON PAGE B-9, B-10.
- MECHANICAL FEATURES ON PAGE B-56, B-57.

◆ = Product may not be available from stock

# EXPLOSION PROOF MOTORS

TEFC – HIGH EFFICIENCY

EPACT CC# CC029A

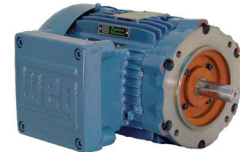


## ‘C’ FLANGE – FOOT MOUNT

| HP  | RPM  | NEMA Frame | Catalog Number | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | “C” Dimension (in.) | Voltage      | NOTES |
|-----|------|------------|----------------|------------|-------------|----------------------------|-------------|----------|---------------------|--------------|-------|
| 1   | 1800 | 143TC      | 00118XP3E143TC | 764        | X1          | 71                         | 1.49        | 82.5     | 12.760              | 208-230/460V |       |
|     | 1200 | 145TC      | 00112XP3E145TC | 820        | X1          | 67                         | 1.70        | 80.0     | 13.752              | 208-230/460V |       |
| 1.5 | 3600 | 143TC      | 00156XP3E143TC | 787        | X1          | 69                         | 1.99        | 82.5     | 12.760              | 208-230/460V |       |
|     | 1800 | 145TC      | 00158XP3E145TC | 790        | X1          | 78                         | 2.05        | 84.0     | 13.752              | 208-230/460V |       |
|     | 1200 | 182TC      | 00152XP3E182TC | 989        | X1          | 128                        | 2.38        | 85.5     | 14.862              | 208-230/460V |       |
| 2   | 3600 | 145TC      | 00236XP3E145TC | 802        | X1          | 71                         | 2.60        | 84.0     | 13.752              | 208-230/460V |       |
|     | 1800 | 145TC      | 00218XP3E145TC | 802        | X1          | 80                         | 2.70        | 84.0     | 13.752              | 208-230/460V |       |
|     | 1200 | 184TC      | 00212XP3E184TC | 1,035      | X1          | 132                        | 3.20        | 86.5     | 15.862              | 208-230/460V |       |
| 3   | 3600 | 182TC      | 00336XP3E182TC | 989        | X1          | 135                        | 3.59        | 85.5     | 14.862              | 208-230/460V |       |
|     | 1800 | 182TC      | 00318XP3E182TC | 1,030      | X1          | 132                        | 3.90        | 87.5     | 14.862              | 208-230/460V |       |
|     | 1200 | 213T       | 00312XP3E213TC | 1,490      | X1          | 167                        | 4.15        | 87.5     | 17.952              | 208-230/460V |       |
| 5   | 1800 | 184TC      | 00518XP3E184TC | 1,056      | X1          | 137                        | 6.48        | 87.5     | 15.862              | 208-230/460V |       |
| 7.5 | 1800 | 213TC      | 00718XP3E213TC | 1,515      | X1          | 196                        | 9.53        | 89.5     | 17.952              | 208-230/460V |       |
| 10  | 1800 | 215TC      | 01018XP3E215TC | 1,618      | X1          | 211                        | 12.8        | 90.2     | 19.450              | 208-230/460V |       |
| 15  | 1800 | 254TC      | 01518XP3E254TC | 2,111      | X1          | 319                        | 17.9        | 91.0     | 23.175              | 208-230/460V |       |
| 20  | 1800 | 256TC      | 02018XP3E256TC | 2,556      | X1          | 352                        | 24.4        | 91.0     | 24.923              | 208-230/460V |       |
| 25  | 1800 | 284TC      | 02518XP3E284TC | 3,257      | X1          | 503                        | 29.6        | 92.4     | 26.407              | 208-230/460V |       |
| 30  | 1800 | 286TC      | 03018XP3E286TC | 3,692      | X1          | 547                        | 34.4        | 92.4     | 27.905              | 208-230/460V |       |
| 40  | 1800 | 324TC      | 04018XP3E324TC | 4,643      | X1          | 623                        | 47.6        | 93.0     | 29.602              | 208-230/460V |       |
| 50  | 1800 | 326TC      | 05018XP3E326TC | 5,425      | X1          | 720                        | 57.8        | 93.6     | 31.106              | 208-230/460V |       |
| 60  | 1800 | 364TC      | 06018XP3E364TC | 9,435      | X1          | 1060                       | 67.0        | 93.6     | 33.701              | 208-230/460V |       |
| 75  | 1800 | 365TC      | 07518XP3E365TC | 9,998      | X1          | 1347                       | 82.4        | 94.1     | 33.701              | 208-230/460V |       |
| 100 | 1800 | 405TC      | 10018XP3E405TC | 12,338     | X1          | 1390                       | 115         | 94.5     | 38.074              | 208-230/460V |       |

These models are fitted with a C-Flange but still have a foot mount design for maximum mounting flexibility

- ELECTRICAL FEATURES ON PAGE B-9, B-10.
- MECHANICAL FEATURES ON PAGE B-56, B-57.



## ‘C’ FLANGE – FOOTLESS

| HP  | RPM  | NEMA Frame | Catalog Number  | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | “C” Dimension (in.) | Voltage      | NOTES |
|-----|------|------------|-----------------|------------|-------------|----------------------------|-------------|----------|---------------------|--------------|-------|
| 1   | 1800 | 143TC      | 00118XP3ER143TC | 764        | X1          | 71                         | 1.49        | 82.5     | 12.750              | 208-230/460V | ●     |
| 1.5 | 1800 | 145TC      | 00158XP3ER145TC | 790        | X1          | 78                         | 2.05        | 84.0     | 13.752              | 208-230/460V | ●     |
| 2   | 1800 | 145TC      | 00218XP3ER145TC | 802        | X1          | 80                         | 2.70        | 84.0     | 13.752              | 208-230/460V | ●     |
| 3   | 1800 | 182TC      | 00318XP3ER182TC | 1,030      | X1          | 132                        | 3.90        | 87.5     | 14.862              | 208-230/460V | ●     |
| 5   | 1800 | 184TC      | 00518XP3ER184TC | 1,056      | X1          | 137                        | 6.48        | 87.5     | 15.862              | 208-230/460V | ●     |
| 7.5 | 1800 | 213TC      | 00718XP3ER213TC | 1,515      | X1          | 196                        | 9.53        | 89.5     | 17.952              | 208-230/460V | ●     |
| 10  | 1800 | 215TC      | 01018XP3ER215TC | 1,618      | X1          | 211                        | 12.80       | 90.2     | 19.450              | 208-230/460V | ●     |
| 15  | 1800 | 254TC      | 01518XP3ER254TC | 2,111      | X1          | 319                        | 17.90       | 91.0     | 23.175              | 208-230/460V | ●     |
| 20  | 1800 | 256TC      | 02018XP3ER256TC | 2,556      | X1          | 352                        | 24.40       | 91.0     | 24.923              | 208-230/460V | ●     |
| 25  | 1800 | 284TC      | 02518XP3ER284TC | 3,257      | X1          | 503                        | 29.60       | 92.4     | 26.407              | 208-230/460V | ● ◆   |
| 30  | 1800 | 286TC      | 03018XP3ER286TC | 3,692      | X1          | 547                        | 34.40       | 92.4     | 27.905              | 208-230/460V | ● ◆   |
| 40  | 1800 | 324TC      | 04018XP3ER324TC | 4,643      | X1          | 623                        | 47.60       | 93.0     | 29.602              | 208-230/460V | ● ◆   |
| 50  | 1800 | 326TC      | 05018XP3ER326TC | 5,425      | X1          | 720                        | 57.80       | 93.6     | 31.106              | 208-230/460V | ● ◆   |

These models are Round Body design with no feet cast into the housing. They are design to mount C-Flange only

- ELECTRICAL FEATURES ON PAGE B-9, B-10.
- MECHANICAL FEATURES ON PAGE B-56, B-57.
- = Round Body
- ◆ = Product may not be available from stock



# Explosion Proof Motors

## NEMA PREMIUM EFFICIENCY THREE-PHASE - TEFC (IP54)

WEG Explosion Proof motors are suitable for applications requiring UL or CSA certification for hazardous locations. Thermally protected with thermostats, all motors manufactured are submitted to hydrostatic as well as other routine testing at the factory to ensure compliance to the required specifications. WEG High Efficiency Explosion Proof motors are specifically designed to meet or exceed all EPA requirements for energy efficiency.



### APPLICATIONS

- Petroleum and gasoline
- Flour / feed mills
- Grain elevators
- Fans
- Pumps
- Blowers
- Material handling equipment
- Other applications requiring motors UL or CSA listed for hazardous locations.

### OPTIONAL FEATURES

- Special Voltages and frequency
- Stainless steel shaft
- C (not available 586/7T) and D flanges
- F2 mount
- Maximum ambient temperature to 55°C (under inquiry)

#### CSA AND UL APPROVED



CSA approved – File LR 50962  
Class I, Division I, groups C and D  
Class 2, Division I, groups F and G



ALSO ENERGY  
VERIFIED  
CSA C390-93(+)

UL approved – File E 87848  
Temperature code T4  
Frame 143T up to 326T  
Class I, Division I, groups C and D  
Class 2, Division I, groups F and G

Frame 364T up to 586/7  
Temperature code T3C  
Class I, Division I, groups C and D  
Class 2, Division I, groups F and G \*  
\* For group G, Service Factor 1.0

### STANDARD FEATURES

- Three-phase, 60Hz
- Voltage: 208-230/460, 460 or 575V
- Squirrel cage rotor / Aluminum die cast
- Totally Enclosed Fan Cooled – TEFC (IP54)
- Ball bearings are supplied as standard
- Cast iron frame
- Class 'F' insulation
- Temperature rise: Class 'B' (80°C)
- Service factor: 1.15
- Inverter Duty as per CSA Standard (LR50962)
- NEMA dimensions
- NEMA ratings design 'B'
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Altitude: 3300 ft (1000 m) max
- 1045 Carbon Steel Shaft for frames up to 365T
- 4140 steel shaft for motors 404T and above. (3600 RPM motors supplied with 1045)
- Class 'F' insulation for all frames
- Class 'H' impregnation resin
- F1 mount
- Stainless steel nameplate
- Paint: Synthetic Enamel alkyd resin base (exceeds ASTM B117 salt spray test)
- Color: RAL 5009 – Blue (2, 4, 6 and 8 pole)
- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- Greasing fitting from 364/5T up to 586/7

### HIGHLIGHTS

- Meets NEMA Premium Efficiency levels
- UL/CSA certified

Note: Motors are tested according to IEEE 112 std. – method 'B' or C390 CSA Energy efficiency motors verified by UL in addition to the DOE.



E87848



E 104590



LR 50962



www.weg.net

# EXPLOSION PROOF MOTORS

THREE-PHASE - TEFC (IP54)

NEMA PREMIUM EFFICIENCY



## FOOT MOUNT

| HP  | RPM  | NEMA<br>FRAME<br>NEMA<br>Frame | Catalog Number<br>Catalog | List<br>Price | Mult.<br>Sym. | Approx.<br>Shipp.<br>Weight<br>Lbs | FL<br>Amps<br>at High<br>Voltage | FL<br>Eff.<br>% | "C"<br>Dimension<br>(in.) | Voltage     | Notes |
|-----|------|--------------------------------|---------------------------|---------------|---------------|------------------------------------|----------------------------------|-----------------|---------------------------|-------------|-------|
| 1   | 1800 | 143T                           | 00118XT3E143T             | 901           | X1            | 70                                 | 1.43                             | 85.5            | 12.760                    | 208-230/460 |       |
|     | 1800 | 143T                           | 00118XT3H143T             | 901           | X1            | 70                                 | 1.14                             | 85.5            | 12.760                    | 575         |       |
|     | 900  | 182T                           | 00109XT3E182T             | 1,974         | X1            | 120                                | 2.30                             | 78.5            | 14.862                    | 208-230/460 |       |
| 1.5 | 3600 | 143T                           | 00156XT3E143T             | 916           | X1            | 70                                 | 2.05                             | 84.0            | 12.760                    | 208-230/460 |       |
|     | 3600 | 143T                           | 00156XT3H143T             | 916           | X1            | 70                                 | 1.64                             | 84.0            | 12.760                    | 575         | 10    |
|     | 1800 | 145T                           | 00158XT3E145T             | 963           | X1            | 79                                 | 2.05                             | 86.5            | 13.752                    | 208-230/460 |       |
|     | 1800 | 145T                           | 00158XT3H145T             | 963           | X1            | 79                                 | 1.64                             | 86.5            | 13.752                    | 575         |       |
|     | 1200 | 182T                           | 00152XT3E182T             | 1,105         | X1            | 126                                | 2.32                             | 87.5            | 14.862                    | 208-230/460 |       |
|     | 1200 | 182T                           | 00152XT3H182T             | 1,105         | X1            | 126                                | 1.86                             | 87.5            | 14.862                    | 575         | 10    |
|     | 900  | 184T                           | 00159XT3E184T             | 1,901         | X1            | 136                                | 2.70                             | 82.5            | 15.862                    | 208-230/460 |       |
| 2   | 3600 | 145T                           | 00236XT3E145T             | 892           | X1            | 74                                 | 2.69                             | 85.5            | 13.752                    | 208-230/460 |       |
|     | 3600 | 145T                           | 00236XT3H145T             | 892           | X1            | 74                                 | 2.15                             | 85.5            | 13.752                    | 575         | 10    |
|     | 1800 | 145T                           | 00218XT3E145T             | 995           | X1            | 63                                 | 2.72                             | 86.5            | 13.752                    | 208-230/460 |       |
|     | 1800 | 145T                           | 00218XT3H145T             | 995           | X1            | 63                                 | 2.18                             | 86.5            | 13.752                    | 575         |       |
|     | 1200 | 184T                           | 00212XT3E184T             | 1,158         | X1            | 137                                | 3.13                             | 88.5            | 15.862                    | 208-230/460 |       |
|     | 1200 | 184T                           | 00212XT3H184T             | 1,158         | X1            | 137                                | 2.50                             | 88.5            | 15.862                    | 575         | 10    |
|     | 900  | 213T                           | 00209XT3E213T             | 2,439         | X1            | 173                                | 3.45                             | 84.0            | 17.952                    | 208-230/460 |       |
| 3   | 3600 | 182T                           | 00336XT3E182T             | 1,192         | X1            | 98                                 | 3.80                             | 86.5            | 14.862                    | 208-230/460 |       |
|     | 3600 | 182T                           | 00336XT3H182T             | 1,192         | X1            | 98                                 | 3.04                             | 86.5            | 14.862                    | 575         | 10    |
|     | 1800 | 182T                           | 00318XT3E182T             | 1,208         | X1            | 123                                | 3.91                             | 89.5            | 14.862                    | 208-230/460 |       |
|     | 1800 | 182T                           | 00318XT3H182T             | 1,208         | X1            | 123                                | 3.13                             | 89.5            | 14.862                    | 575         |       |
|     | 1200 | 213T                           | 00312XT3E213T             | 1,792         | X1            | 173                                | 4.41                             | 89.5            | 17.952                    | 208-230/460 |       |
|     | 1200 | 213T                           | 00312XT3H213T             | 1,792         | X1            | 173                                | 3.53                             | 89.5            | 17.952                    | 575         | 10    |
|     | 900  | 215T                           | 00309XT3E215T             | 2,805         | X1            | 209                                | 4.44                             | 84.0            | 19.450                    | 208-230/460 |       |
| 5   | 3600 | 184T                           | 00536XT3E184T             | 1,255         | X1            | 114                                | 6.10                             | 88.5            | 15.862                    | 208-230/460 |       |
|     | 3600 | 184T                           | 00536XT3H184T             | 1,255         | X1            | 114                                | 4.88                             | 88.5            | 15.862                    | 575         | 10    |
|     | 1800 | 184T                           | 00518XT3E184T             | 1,220         | X1            | 138                                | 6.57                             | 89.5            | 15.862                    | 208-230/460 |       |
|     | 1800 | 184T                           | 00518XT3H184T             | 1,220         | X1            | 138                                | 5.26                             | 89.5            | 15.862                    | 575         |       |
|     | 1200 | 215T                           | 00512XT3E215T             | 1,699         | X1            | 226                                | 6.83                             | 89.5            | 19.450                    | 208-230/460 |       |
|     | 1200 | 215T                           | 00512XT3H215T             | 1,699         | X1            | 226                                | 5.46                             | 89.5            | 19.450                    | 575         | 10    |
|     | 900  | 254T                           | 00509XT3E254T             | 3,953         | X1            | 321                                | 7.93                             | 87.5            | 23.175                    | 208-230/460 |       |
| 7.5 | 3600 | 213T                           | 00736XT3E213T             | 1,646         | X1            | 198                                | 8.97                             | 89.5            | 17.952                    | 208-230/460 |       |
|     | 3600 | 213T                           | 00736XT3H213T             | 1,646         | X1            | 198                                | 7.18                             | 89.5            | 17.952                    | 575         | 10    |
|     | 1800 | 213T                           | 00718XT3E213T             | 1,897         | X1            | 160                                | 9.41                             | 91.7            | 17.952                    | 208-230/460 |       |
|     | 1800 | 213T                           | 00718XT3H213T             | 1,897         | X1            | 160                                | 7.53                             | 91.7            | 17.952                    | 575         |       |
|     | 1200 | 254T                           | 00712XT3E254T             | 2,483         | X1            | 317                                | 9.73                             | 91.0            | 23.175                    | 208-230/460 |       |
|     | 1200 | 254T                           | 00712XT3H254T             | 2,483         | X1            | 317                                | 7.78                             | 91.0            | 23.175                    | 575         | 10    |
|     | 900  | 256T                           | 00709XT3E256T             | 4,707         | X1            | 361                                | 11.6                             | 87.5            | 24.923                    | 208-230/460 |       |
| 10  | 3600 | 215T                           | 01036XT3E215T             | 1,727         | X1            | 209                                | 12.0                             | 90.2            | 19.450                    | 208-230/460 |       |
|     | 3600 | 215T                           | 01036XT3H215T             | 1,727         | X1            | 209                                | 9.60                             | 90.2            | 19.450                    | 575         | 10    |
|     | 1800 | 215T                           | 01018XT3E215T             | 1,997         | X1            | 215                                | 12.7                             | 91.7            | 19.450                    | 208-230/460 |       |
|     | 1800 | 215T                           | 01018XT3H215T             | 1,997         | X1            | 215                                | 10.2                             | 91.7            | 19.450                    | 575         |       |
|     | 1200 | 256T                           | 01012XT3E256T             | 2,900         | X1            | 372                                | 13.3                             | 91.0            | 24.923                    | 208-230/460 |       |
|     | 1200 | 256T                           | 01012XT3H256T             | 2,900         | X1            | 372                                | 10.6                             | 91.0            | 24.923                    | 575         |       |
|     | 900  | 284T                           | 01009XT3E284T             | 5,668         | X1            | 475                                | 13.3                             | 91.0            | 26.407                    | 208-230/460 |       |
| 15  | 3600 | 254T                           | 01536XT3E254T             | 2,387         | X1            | 326                                | 16.9                             | 91.7            | 23.175                    | 208-230/460 | 10    |
|     | 3600 | 254T                           | 01536XT3H254T             | 2,387         | X1            | 326                                | 13.5                             | 91.7            | 23.175                    | 575         | 10    |
|     | 1800 | 254T                           | 01518XT3E254T             | 2,653         | X1            | 337                                | 18.4                             | 92.4            | 23.175                    | 208-230/460 |       |
|     | 1800 | 254T                           | 01518XT3H254T             | 2,653         | X1            | 337                                | 14.7                             | 92.4            | 23.175                    | 575         |       |
|     | 1200 | 284T                           | 01512XT3E284T             | 4,048         | X1            | 471                                | 17.5                             | 91.7            | 26.407                    | 208-230/460 |       |
|     | 1200 | 284T                           | 01512XT3H284T             | 4,048         | X1            | 471                                | 14.0                             | 91.7            | 26.407                    | 575         | 10    |
|     | 900  | 286T                           | 01509XT3E286T             | 7,102         | X1            | 515                                | 19.0                             | 91.0            | 27.905                    | 208-230/460 |       |

• ELECTRICAL FEATURES ON PAGE B-11.

• MECHANICAL FEATURES ON PAGE B-56, B-57.

10 - Might not be available in stock

EXPLOSION  
PROOF



## FOOT MOUNT

| HP  | RPM  | NEMA FRAME<br>NEMA Frame | Catalog Number<br>Catalog | List Price | Mult. Sym. | Approx. Shipp. Weight<br>Lbs | FL Amps at High Voltage | FL Eff. % | "C" Dimension (in.) | Voltage     | Notes |
|-----|------|--------------------------|---------------------------|------------|------------|------------------------------|-------------------------|-----------|---------------------|-------------|-------|
| 20  | 3600 | 256T                     | 02036XT3E256T             | 3,083      | X1         | 365                          | 22.9                    | 92.4      | 24.923              | 208-230/460 | 10    |
|     | 3600 | 256T                     | 02036XT3H256T             | 3,083      | X1         | 365                          | 18.3                    | 92.4      | 24.923              | 575         | 10    |
|     | 1800 | 256T                     | 02018XT3E256T             | 3,008      | X1         | 372                          | 25.0                    | 93.0      | 24.923              | 208-230/460 |       |
|     | 1800 | 256T                     | 02018XT3H256T             | 3,008      | X1         | 372                          | 20.0                    | 93.0      | 24.923              | 575         |       |
|     | 1200 | 286T                     | 02012XT3E286T             | 4,444      | X1         | 509                          | 24.2                    | 91.7      | 27.905              | 208-230/460 |       |
|     | 1200 | 286T                     | 02012XT3H286T             | 4,444      | X1         | 509                          | 19.4                    | 91.7      | 27.905              | 575         | 10    |
| 25  | 900  | 324T                     | 02009XT3E324T             | 8,390      | X1         | 614                          | 27.5                    | 92.4      | 29.602              | 208-230/460 |       |
|     | 3600 | 284TS                    | 02536XT3E284TS            | 4,188      | X1         | 460                          | 28.4                    | 93.0      | 25.033              | 208-230/460 | 10    |
|     | 3600 | 284TS                    | 02536XT3H284TS            | 4,188      | X1         | 460                          | 22.7                    | 93.0      | 25.033              | 575         | 10    |
|     | 1800 | 284T                     | 02518XT3E284T             | 3,886      | X1         | 480                          | 29.9                    | 93.6      | 26.407              | 208-230/460 |       |
|     | 1800 | 284T                     | 02518XT3H284T             | 3,886      | X1         | 480                          | 23.9                    | 93.6      | 26.407              | 575         | 10    |
|     | 1200 | 324T                     | 02512XT3E324T             | 5,375      | X1         | 647                          | 30.4                    | 93.0      | 29.602              | 208-230/460 |       |
| 30  | 1200 | 324T                     | 02512XT3H324T             | 5,375      | X1         | 647                          | 24.3                    | 93.0      | 29.602              | 575         | 10    |
|     | 900  | 326T                     | 02509XT3E326T             | 10,512     | X1         | 681                          | 35.4                    | 92.4      | 31.106              | 208-230/460 |       |
|     | 3600 | 286TS                    | 03036XT3E286TS            | 4,262      | X1         | 537                          | 33.7                    | 93.0      | 26.531              | 208-230/460 | 10    |
|     | 3600 | 286TS                    | 03036XT3H286TS            | 4,262      | X1         | 537                          | 27.0                    | 93.0      | 26.531              | 575         | 10    |
|     | 1800 | 286T                     | 03018XT3E286T             | 4,296      | X1         | 520                          | 36.0                    | 93.6      | 27.905              | 208-230/460 |       |
|     | 1800 | 286T                     | 03018XT3H286T             | 4,296      | X1         | 520                          | 28.8                    | 93.6      | 27.905              | 575         |       |
| 40  | 1200 | 326T                     | 03012XT3E326T             | 6,196      | X1         | 703                          | 36.7                    | 93.0      | 31.106              | 208-230/460 |       |
|     | 1200 | 326T                     | 03012XT3H326T             | 6,196      | X1         | 703                          | 29.4                    | 93.0      | 31.106              | 575         | 10    |
|     | 900  | 364T                     | 03009XT3E364T             | 15,505     | X1         | 919                          | 38.5                    | 93.0      | 33.701              | 208-230/460 | 10    |
|     | 3600 | 324TS                    | 04036XT3E324TS            | 5,583      | X1         | 647                          | 45.8                    | 93.6      | 28.102              | 208-230/460 | 10    |
|     | 3600 | 324TS                    | 04036XT3H324TS            | 5,583      | X1         | 647                          | 36.6                    | 93.6      | 28.102              | 575         | 10    |
|     | 1800 | 324T                     | 04018XT3E324T             | 5,380      | X1         | 658                          | 48.2                    | 94.1      | 29.602              | 208-230/460 |       |
| 50  | 1800 | 324T                     | 04018XT3H324T             | 5,380      | X1         | 658                          | 38.6                    | 94.1      | 29.602              | 575         |       |
|     | 1200 | 364T                     | 04012XT3E364T             | 10,576     | X1         | 1,018                        | 47.1                    | 94.1      | 33.701              | 208-230/460 |       |
|     | 1200 | 364T                     | 04012XT3H364T             | 10,576     | X1         | 1,018                        | 37.7                    | 94.1      | 33.701              | 575         | 10    |
|     | 900  | 365T                     | 04009XT3E365T             | 15,071     | X1         | 1,066                        | 52.2                    | 93.6      | 33.701              | 208-230/460 | 10    |
|     | 3600 | 326TS                    | 05036XT3E326TS            | 6,582      | X1         | 736                          | 55.5                    | 94.1      | 29.606              | 208-230/460 | 10    |
|     | 3600 | 326TS                    | 05036XT3H326TS            | 6,582      | X1         | 736                          | 44.4                    | 94.1      | 29.606              | 575         | 10    |
| 60  | 1800 | 326T                     | 05018XT3E326T             | 6,545      | X1         | 714                          | 60.6                    | 94.5      | 31.106              | 208-230/460 |       |
|     | 1800 | 326T                     | 05018XT3H326T             | 6,545      | X1         | 714                          | 48.5                    | 94.5      | 31.106              | 575         |       |
|     | 1200 | 365T                     | 05012XT3E365T             | 10,597     | X1         | 1,044                        | 58.1                    | 94.1      | 33.701              | 208-230/460 |       |
|     | 1200 | 365T                     | 05012XT3H365T             | 10,597     | X1         | 1,044                        | 46.5                    | 94.1      | 33.701              | 575         |       |
|     | 900  | 404T                     | 05009XT3E404T             | 22,443     | X1         | 1,265                        | 68.0                    | 93.6      | 38.074              | 208-230/460 | 10    |
|     | 3600 | 364TS                    | 06036XT3E364TS            | 9,988      | X1         | 1,025                        | 68.3                    | 94.1      | 31.575              | 208-230/460 | 10    |
| 75  | 3600 | 364TS                    | 06036XT3H364TS            | 9,988      | X1         | 1,025                        | 54.6                    | 94.1      | 31.575              | 575         | 10    |
|     | 1800 | 364T                     | 06018XT3E364T             | 10,460     | X1         | 1,022                        | 68.3                    | 95.0      | 33.701              | 208-230/460 |       |
|     | 1800 | 364T                     | 06018XT3H364T             | 10,460     | X1         | 1,022                        | 54.6                    | 95.0      | 33.701              | 575         | 10    |
|     | 1200 | 404T                     | 06012XT3E404T             | 13,196     | X1         | 1,221                        | 70.4                    | 94.5      | 38.074              | 208-230/460 |       |
|     | 900  | 405T                     | 06009XT3E405T             | 26,900     | X1         | 1,287                        | 75.9                    | 93.0      | 38.074              | 208-230/460 | 10    |
|     | 3600 | 365TS                    | 07536XT3E365TS            | 11,285     | X1         | 1,033                        | 82.4                    | 94.1      | 31.575              | 208-230/460 | 10    |
| 100 | 3600 | 365TS                    | 07536XT3H365TS            | 11,285     | X1         | 1,033                        | 65.9                    | 94.1      | 31.575              | 575         | 10    |
|     | 1800 | 365T                     | 07518XT3E365T             | 11,125     | X1         | 945                          | 83.2                    | 95.4      | 33.701              | 208-230/460 |       |
|     | 1800 | 365T                     | 07518XT3H365T             | 11,125     | X1         | 945                          | 66.6                    | 95.4      | 33.701              | 575         | 10    |
|     | 1200 | 405T                     | 07512XT3E405T             | 13,836     | X1         | 1,265                        | 87.0                    | 94.5      | 38.074              | 208-230/460 |       |
|     | 900  | 444T                     | 07509XT3E444T             | 29,094     | X1         | 1,920                        | 92.2                    | 93.6      | 43.797              | 208-230/460 | 10    |
|     | 3600 | 405TS                    | 10036XT3E405TS            | 12,999     | X1         | 1,214                        | 110                     | 95.0      | 35.074              | 208-230/460 | 10    |
| 100 | 3600 | 405TS                    | 10036XT3G405TS            | 12,999     | X1         | 1,214                        | 110                     | 95.0      | 35.074              | 460         | 10    |
|     | 3600 | 405TS                    | 10036XT3H405TS            | 12,999     | X1         | 1,214                        | 88.0                    | 95.0      | 35.074              | 575         | 10    |
|     | 1800 | 405T                     | 10018XT3E405T             | 14,206     | X1         | 1,230                        | 113                     | 95.4      | 38.074              | 208-230/460 |       |
|     | 1800 | 405T                     | 10018XT3G405T             | 14,206     | X1         | 1,230                        | 113                     | 95.4      | 38.074              | 460         |       |
|     | 1800 | 405T                     | 10018XT3H405T             | 14,206     | X1         | 1,230                        | 90.4                    | 95.4      | 38.074              | 575         | 10    |
|     | 1200 | 444T                     | 10012XT3E444T             | 21,032     | X1         | 1,904                        | 121                     | 95.0      | 43.797              | 208-230/460 |       |
| 100 | 1200 | 444T                     | 10012XT3G444T             | 21,032     | X1         | 1,904                        | 121                     | 95.0      | 43.797              | 460         |       |
|     | 900  | 445T                     | 10009XT3E445T             | 31,191     | X1         | 2,061                        | 125                     | 94.1      | 43.797              | 208-230/460 |       |
| 100 | 900  | 445T                     | 10009XT3G445T             | 31,191     | X1         | 2,061                        | 125                     | 94.1      | 43.797              | 460         | 10    |

For 'C' flange models : Add a 'C' to the end of the part number. EX. 00518XP3E184TC

- ELECTRICAL FEATURES ON PAGE B-11.
- MECHANICAL FEATURES ON PAGE B-56, B-57.

10 - Might not be available in stock

# EXPLOSION PROOF MOTORS

THREE-PHASE - TEFC (IP54)

NEMA PREMIUM EFFICIENCY



## FOOT MOUNT

| HP  | RPM  | NEMA FRAME | Catalog Number | List Price | Mult. Sym. | Approx. Shipp. Weight Lbs | FL Amps at High Voltage | FL Eff. % | "C" Dimension (in.) | Voltage     | Notes |
|-----|------|------------|----------------|------------|------------|---------------------------|-------------------------|-----------|---------------------|-------------|-------|
| 125 | 3600 | 444TS      | 12536XT3G444TS | 20,874     | X1         | 1,948                     | 137                     | 95.0      | 40.047              | 460         | 10    |
|     | 1800 | 444T       | 12518XT3E444T  | 19,961     | X1         | 2,034                     | 142                     | 95.4      | 43.797              | 208-230/460 |       |
|     | 1800 | 444T       | 12518XT3G444T  | 19,961     | X1         | 2,034                     | 142                     | 95.4      | 43.797              | 460         |       |
|     | 1200 | 445T       | 12512XT3G445T  | 21,537     | X1         | 2,301                     | 150                     | 95.0      | 43.797              | 460         |       |
| 150 | 3600 | 445TS      | 15036XT3G445TS | 21,320     | X1         | 1,993                     | 161                     | 95.4      | 40.047              | 460         | 10    |
|     | 1800 | 445T       | 15018XT3E445T  | 21,557     | X1         | 2,103                     | 170                     | 95.8      | 43.797              | 208-230/460 |       |
|     | 1800 | 445T       | 15018XT3G445T  | 21,557     | X1         | 2,103                     | 170                     | 95.8      | 43.797              | 460         |       |

10 - Might not be available in stock

## 'C' FLANGE – FOOT MOUNT

| HP  | RPM  | NEMA Frame | Catalog Number | List Price     | Mult. Sym. | Approx. Shipp. Weight Lbs | FL Amps 460V | FL Eff. % | “C” Dimension (in.) | Voltage      | Notes        |
|-----|------|------------|----------------|----------------|------------|---------------------------|--------------|-----------|---------------------|--------------|--------------|
| 1   | 1800 | 143TC      | 00118XT3E143TC | 1,054          | X1         | 70                        | 1.43         | 85.5      | 12.760              | 208-230/460V |              |
| 1.5 | 3600 | 143TC      | 00156XT3E143TC | 1,069          | X1         | 70                        | 2.05         | 84.0      | 12.760              | 208-230/460V |              |
|     | 1800 | 145TC      | 00158XT3E145TC | 1,116          | X1         | 79                        | 2.05         | 86.5      | 13.752              | 208-230/460V |              |
|     | 1200 | 182TC      | 00152XT3E182TC | 1,270          | X1         | 126                       | 2.32         | 87.5      | 14.862              | 208-230/460V |              |
|     | 3600 | 145TC      | 00236XT3E145TC | 1,045          | X1         | 74                        | 2.69         | 85.5      | 13.752              | 208-230/460V |              |
| 2   | 1800 | 145TC      | 00218XT3E145TC | 1,148          | X1         | 63                        | 2.72         | 86.5      | 13.752              | 208-230/460V |              |
|     | 1200 | 184TC      | 00212XT3E184TC | 1,323          | X1         | 137                       | 3.13         | 88.5      | 15.862              | 208-230/460V |              |
|     | 3600 | 182TC      | 00336XT3E182TC | 1,357          | X1         | 98                        | 3.80         | 86.5      | 14.862              | 208-230/460V |              |
| 3   | 1800 | 182TC      | 00318XT3E182TC | 1,373          | X1         | 123                       | 3.91         | 89.5      | 14.862              | 208-230/460V |              |
|     | 1200 | 213TC      | 00312XT3E213TC | 1,975          | X1         | 173                       | 4.41         | 89.5      | 17.952              | 208-230/460V |              |
|     | 5    | 1800       | 184TC          | 00518XT3E184TC | 1,385      | X1                        | 138          | 6.57      | 89.5                | 15.862       | 208-230/460V |
| 7.5 | 1800 | 213TC      | 00718XT3E213TC | 2,080          | X1         | 160                       | 9.41         | 91.7      | 17.952              | 208-230/460V |              |
| 10  | 1800 | 215TC      | 01018XT3E215TC | 2,180          | X1         | 215                       | 12.7         | 91.7      | 19.450              | 208-230/460V |              |
| 15  | 1800 | 254TC      | 01518XT3E254TC | 2,976          | X1         | 337                       | 18.4         | 92.4      | 23.175              | 208-230/460V |              |
| 20  | 1800 | 256TC      | 02018XT3E256TC | 3,331          | X1         | 372                       | 25.0         | 93.0      | 24.923              | 208-230/460V |              |
| 25  | 1800 | 284TC      | 02518XT3E284TC | 4,262          | X1         | 480                       | 29.9         | 93.6      | 26.407              | 208-230/460V |              |
| 30  | 1800 | 286TC      | 03018XT3E286TC | 4,672          | X1         | 520                       | 36.0         | 93.6      | 27.905              | 208-230/460V |              |
| 40  | 1800 | 324TC      | 04018XT3E324TC | 5,919          | X1         | 658                       | 48.2         | 94.1      | 29.602              | 208-230/460V |              |
| 50  | 1800 | 326TC      | 05018XT3E326TC | 7,084          | X1         | 714                       | 60.6         | 94.5      | 31.106              | 208-230/460V |              |
| 60  | 1800 | 364TC      | 06018XT3E364TC | 11,116         | X1         | 1,022                     | 68.3         | 95.0      | 33.701              | 208-230/460V |              |
| 75  | 1800 | 365TC      | 07518XT3E365TC | 11,781         | X1         | 945                       | 83.2         | 95.4      | 33.701              | 208-230/460V |              |
| 100 | 1800 | 405TC      | 10018XT3E405TC | 14,993         | X1         | 1,230                     | 113          | 95.4      | 38.074              | 208-230/460V |              |

These models are fitted with a C-Flange but still have a foot mount design for maximum mounting flexibility

## ROUND BODY - FOOTLESS WITH 'C' FLANGE

| HP  | RPM  | NEMA Frame | Catalog Number  | List Price | Mult. Sym. | Approx. Shipp. Weight Lbs | FL Amps 460V | u Eff. % | "C" Dimension (in.) | Voltage      | Notes  |
|-----|------|------------|-----------------|------------|------------|---------------------------|--------------|----------|---------------------|--------------|--------|
| 1   | 1800 | 143TC      | 00118XT3ER143TC | 1,072      | X1         | 71                        | 1.49         | 82.5     | 12.750              | 208-230/460V | 14     |
| 1.5 | 1800 | 145TC      | 00158XT3ER145TC | 1,135      | X1         | 78                        | 2.05         | 84.0     | 13.752              | 208-230/460V | 14     |
| 2   | 1800 | 145TC      | 00218XT3ER145TC | 1,168      | X1         | 80                        | 2.70         | 84.0     | 13.752              | 208-230/460V | 14     |
| 3   | 1800 | 182TC      | 00318XT3ER182TC | 1,397      | X1         | 132                       | 3.90         | 87.5     | 14.862              | 208-230/460V | 14     |
| 5   | 1800 | 184TC      | 00518XT3ER184TC | 1,409      | X1         | 137                       | 6.48         | 87.5     | 15.862              | 208-230/460V | 14     |
| 7.5 | 1800 | 213TC      | 00718XT3ER213TC | 2,118      | X1         | 196                       | 9.53         | 89.5     | 17.952              | 208-230/460V | 14     |
| 10  | 1800 | 215TC      | 01018XT3ER215TC | 2,220      | X1         | 211                       | 12.80        | 90.2     | 19.450              | 208-230/460V | 14     |
| 15  | 1800 | 254TC      | 01518XT3ER254TC | 3,029      | X1         | 319                       | 17.90        | 91.0     | 23.175              | 208-230/460V | 14     |
| 20  | 1800 | 256TC      | 02018XT3ER256TC | 3,391      | X1         | 352                       | 24.40        | 91.0     | 24.923              | 208-230/460V | 14     |
| 25  | 1800 | 284TC      | 02518XT3ER284TC | 4,340      | X1         | 503                       | 29.60        | 92.4     | 26.407              | 208-230/460V | 10, 14 |
| 30  | 1800 | 286TC      | 03018XT3ER286TC | 4,758      | X1         | 547                       | 34.40        | 92.4     | 27.905              | 208-230/460V | 10, 14 |
| 40  | 1800 | 324TC      | 04018XT3ER324TC | 6,027      | X1         | 623                       | 47.60        | 93.0     | 29.602              | 208-230/460V | 10, 14 |
| 50  | 1800 | 326TC      | 05018XT3ER326TC | 7,215      | X1         | 720                       | 57.80        | 93.6     | 31.106              | 208-230/460V | 10, 14 |

These models are Round Body design with no feet cast into the housing. They are design to mount C-Flange only

10 - Might not be available in stock

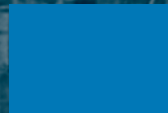
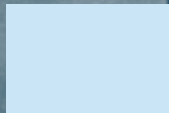
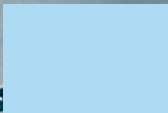
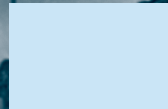
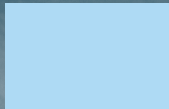
14 - Round body

• ELECTRICAL FEATURES ON PAGE B-11.

• MECHANICAL FEATURES ON PAGE B-56, B-57.

Wendell W. Levister, Low Voltage Motors Supervisor:

“Our Crusher Duty motors & starters conquer the most demanding applications.”

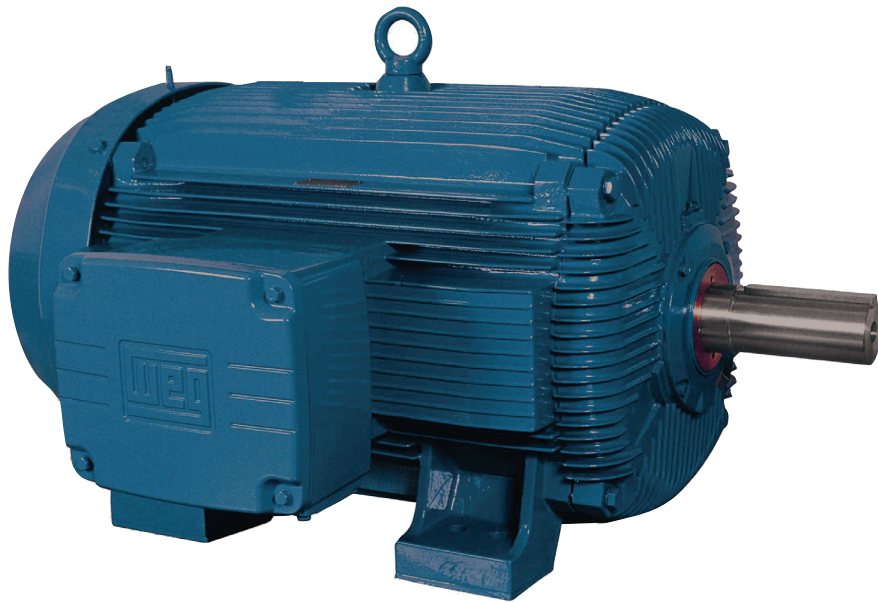


Crusher Duty from WEG means extra-high-torque and inverter-rated motor designs through 500 HP with oversized roller bearings and large-diameter 4140 steel shafts. Plus, WEG's Crusher Duty soft starters through 800 HP include the TPH Series that surpasses the highest starting torque requirements, rated 500% for 60 seconds. To learn more or for a U.S. distributor near you, call 1-800-ASK-4WEG.

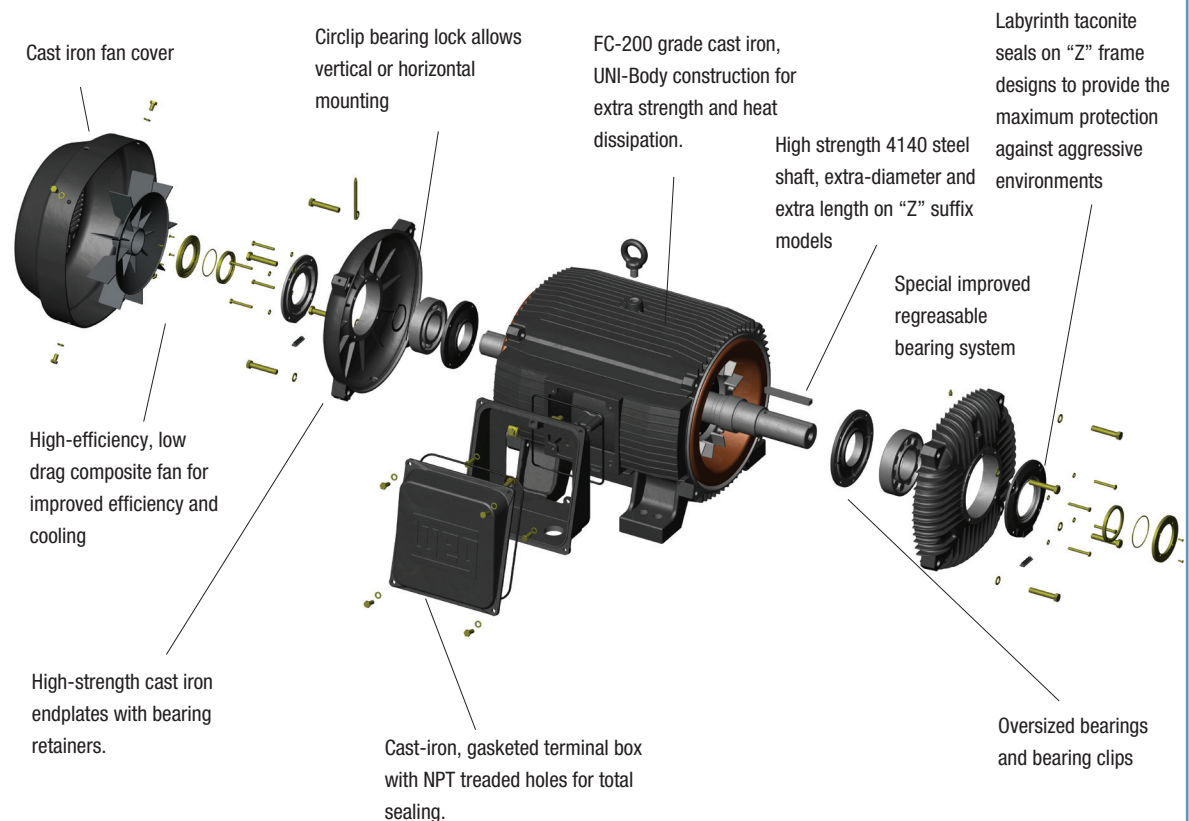
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## WEG – THE ORIGINAL AND STILL THE BEST CRUSHER DUTY MOTOR IN THE INDUSTRY



CRUSHER<sup>®</sup>  
DUTY

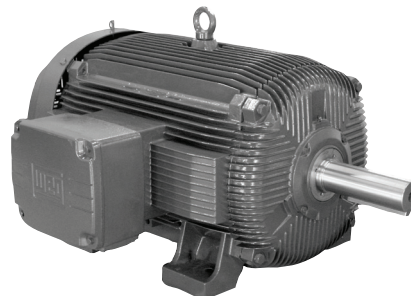




# Crusher Duty Motors - "A Family of Products"

## FOR THE MOST DEMANDING ROCK CRUSHER APPLICATIONS

WEG Crusher Duty motors are specifically designed to meet the demanding requirements of the rock crushing industry. FC200 grade cast iron, provides superior strength and heat dissipation, and 4140 high-strength steel shafts keep the motor running when others fail. These motors are designed for vertical or horizontal mounting and have exceptional high starting and breakdown torque. Compare the standard features of the WEG Crusher Duty motor to any other and see why these motors are "Crusher Duty" tough!



CRUSHER DUTY

HIGHLIGHTS

- High starting and breakdown torque
- FC-200 reinforced cast iron/ Severe Duty
- Partners with TPH Crusher Duty Soft Starters

## APPLICATIONS

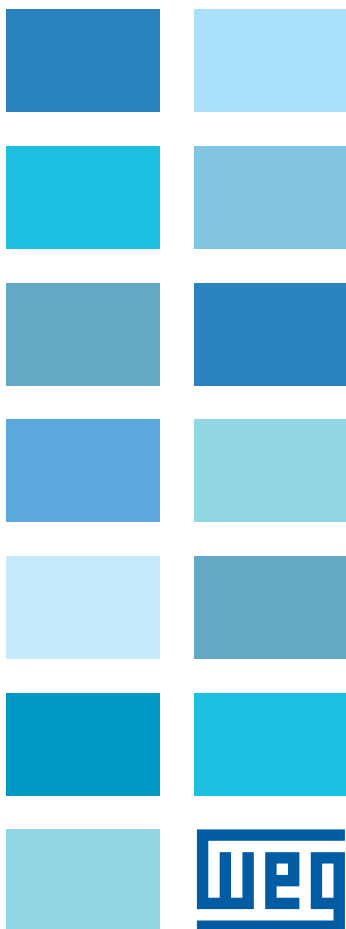
- Primary, secondary and tertiary crusher
- Jaw crushers
- Roller crushers
- Vertical Shaft Impact crushers
- Gyratory crushers
- Cage mills
- Cone crushers
- Horizontal Shaft Impact crushers
- Hammermills
- Grizzly feeders
- Also recommended for belt feeders and belt conveyors

## "Z" MOTORS

- Larger diameter shafts for the highest overhung load ratings in the industry
- Oversized roller bearings for maximum load capacity
- Labyrinth seal on both ends

## STANDARD FEATURES

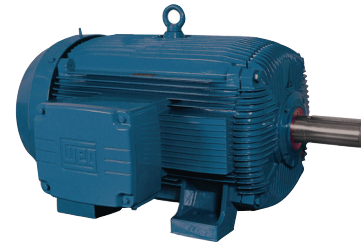
- High torque for maximum performance – highest break-down torque
- Three-phase, 60Hz
- Voltage: 208-230/460 or 460V
- Totally Enclosed Fan Cooled – TEFC (IP55) water tight and dust tight enclosure
- Class 'F' insulation for all frames
- Class 'H' resin insulation system
- Service factor: 1.15 (500Hp 1.00 SF)
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Roller bearings standard on all Crusher Duty® model motors
- F1 mount
- Terminal box rotatable
- Stainless steel nameplate - laser etching
- Versatile starting methods – capable of wye-delta, across line and part winding (12 leads)
- Paint: synthetic enamel alkyd resin base (exceeds ASTM B117 salt spray test)
- Color: RAL 7022 – Dark Gray



Note: All motors are tested according to IEEE 112 Std. – Method 'B' or C390 CSA.  
Energy efficiency motors verified by UL in addition to the DOE.

# CRUSHER DUTY MOTORS

"A FAMILY OF PRODUCTS"



## CRUSHER DUTY MOTORS – HORIZONTAL

| HP  | RPM  | NEMA Frame | Catalog Number   | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | "C" Dimension (in.) | Voltage      | NOTES |
|-----|------|------------|------------------|------------|-------------|----------------------------|-------------|----------|---------------------|--------------|-------|
| 50  | 900  | 404T       | 05009ES3EKD404T  | 8,310      | K1          | 1116                       | 61.5        | 91.0     | 38.077              | 208-230/460V | ○     |
| 60  | 900  | 405T       | 06009ES3EKD405T  | 9,397      | K1          | 1169                       | 75.5        | 91.0     | 38.077              | 208-230/460V | ○     |
| 75  | 900  | 444T       | 07509ES3GKD444T  | 13,733     | K1          | 1631                       | 92.5        | 92.0     | 43.776              | 460V         | ○     |
| 100 | 1800 | 405T       | 10018EP3ERB405T  | 9,547      | W1          | 1273                       | 115         | 94.5     | 38.077              | 208-230/460V | ○     |
|     | 1800 | 405T       | 10018EP3GRB405T  | 9,547      | W1          | 1273                       | 115         | 94.5     | 38.077              | 460V         | ○     |
|     | 1200 | 444T       | 10012EP3GRB444T  | 13,027     | W1          | 1720                       | 121         | 94.1     | 43.776              | 460V         | ○     |
|     | 900  | 445T       | 10009ES3GKD445T  | 16,009     | K1          | 1896                       | 133         | 92.0     | 43.776              | 460V         | ○     |
| 125 | 1800 | 444T       | 12518EP3GRB444T  | 12,678     | W1          | 1647                       | 138         | 94.5     | 43.776              | 460V         | ○     |
|     | 1200 | 445T       | 12512EP3GRB445T  | 15,429     | W1          | 2050                       | 141         | 94.1     | 43.776              | 460V         | ○     |
|     | 900  | 447T       | 12509ES3GKD447T  | 19,007     | K1          | 2132                       | 155         | 92.5     | 47.299              | 460V         | ○     |
| 150 | 1800 | 445T       | 15018EP3GRB445T  | 14,952     | W1          | 1841                       | 168         | 95.0     | 43.776              | 460V         | ○     |
|     | 1200 | 447T       | 15012EP3GRB447T  | 18,105     | W1          | 2167                       | 171         | 95.0     | 47.299              | 460V         | ○     |
|     | 900  | 447T       | 15009ES3GKD447T  | 21,191     | K1          | 2337                       | 189         | 92.5     | 47.299              | 460V         | ○     |
| 200 | 1800 | 445T       | 20018EP3GRB445T  | 18,506     | W1          | 2117                       | 230         | 95.0     | 43.776              | 460V         | ○     |
|     | 1800 | 447T       | 20018EP3GRB447T  | 18,506     | W1          | 2194                       | 230         | 95.0     | 47.299              | 460V         | ○     |
|     | 1200 | 447T       | 20012EP3GRB447T  | 22,410     | W1          | 2467                       | 236         | 95.0     | 47.299              | 460V         | ○     |
|     | 1200 | 505Z       | 20012EP3GKD505Z  | 20,945     | K1          | 2517                       | 236         | 95.0     | 50.449              | 460V         | ○★    |
|     | 900  | 449T       | 20009ES3GKD449   | 30,910     | K1          | 3706                       | 265         | 93.5     | 54.976              | 460V         | ○     |
|     | 900  | 449TZ      | 20009ES3GKD449TZ | 30,910     | K1          | 3856                       | 265         | 95.5     | 58.370              | 460V         | ◆○★   |
|     | 900  | 586/7      | 20009ES3GKD586/7 | 38,314     | K1          | 3925                       | 256         | 94.5     | 59.421              | 460V         | ◆○    |
| 250 | 1800 | 447T       | 25018ES3GKD447T  | 19,454     | K1          | 2425                       | 286         | 94.5     | 47.299              | 460V         | ○     |
|     | 1800 | 447TZ      | 25018ES3GKD447TZ | 19,454     | K1          | 2475                       | 286         | 94.5     | 50.424              | 460V         | ◆○★   |
|     | 1800 | 505        | 25018ES3GKD505   | 20,173     | K1          | 2425                       | 286         | 94.5     | 49.449              | 460V         | ◆○    |
|     | 1800 | 505Z       | 25018ES3GKD505Z  | 20,173     | K1          | 2475                       | 286         | 94.5     | 50.449              | 460V         | ◆○★   |
|     | 1200 | 449T       | 25012ES3GKD449   | 26,167     | K1          | 3274                       | 307         | 94.5     | 54.976              | 460V         | ○     |
|     | 1200 | 449TZ      | 25012ES3GKD449TZ | 26,167     | K1          | 3324                       | 307         | 94.5     | 58.370              | 460V         | ◆○★   |
|     | 1200 | 586/7      | 25012ES3GKD586/7 | 33,070     | K1          | 3660                       | 305         | 94.0     | 59.421              | 460V         | ◆○    |
|     | 1200 | 586/7Z     | 25012ES3GKD580Z  | 33,070     | K1          | 3710                       | 305         | 94.0     | 64.949              | 460V         | ○★    |
|     | 900  | 586/7      | 25009ES3GKD586/7 | 41,304     | K1          | 4123                       | 313         | 93.9     | 59.421              | 460V         | ○     |

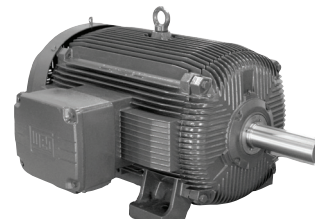
- ELECTRICAL FEATURES ON PAGE B-17.
- MECHANICAL FEATURES ON PAGE B-59, B-61.

○ = Roller Bearing

★ = Z-Frame; Bigger shaft diameter and bearings.

◆ = Product may not be available from stock

CRUSHER®  
DUTY



## CRUSHER DUTY MOTORS – HORIZONTAL

| HP  | RPM  | NEMA Frame | Catalog Number   | List Price | Multi. Sym. | Approx. Shipp. Weight Lbs. | FL Amps 460 | FL Eff % | "C" Dimension (in.) | Voltage | NOTES |
|-----|------|------------|------------------|------------|-------------|----------------------------|-------------|----------|---------------------|---------|-------|
| 300 | 1800 | 449T       | 30018ES3GKD449   | 27,234     | K1          | 3104                       | 354         | 94.1     | 54.976              | 460V    | ○     |
|     | 1800 | 449TZ      | 30018ES3GKD449TZ | 27,234     | K1          | 3154                       | 354         | 94.1     | 58.370              | 460V    | ◆○★   |
|     | 1800 | 586/7      | 30018ES3GKD586/7 | 31,557     | K1          | 3372                       | 331         | 95.0     | 59.421              | 460V    | ◆○    |
|     | 1800 | 586/7Z     | 30018ES3GKD580Z  | 31,557     | K1          | 3422                       | 331         | 95.0     | 64.949              | 460V    | ○★    |
|     | 1200 | 449T       | 30012ES3GKD449   | 34,158     | K1          | 3495                       | 360         | 94.7     | 54.976              | 460V    | ○     |
|     | 1200 | 449TZ      | 30012ES3GKD449TZ | 34,158     | K1          | 3545                       | 360         | 94.7     | 58.370              | 460V    | ◆○★   |
|     | 1200 | 586/7      | 30012ES3GKD586/7 | 38,473     | K1          | 3903                       | 361         | 94.5     | 59.421              | 460V    | ○     |
|     | 1200 | 586/7Z     | 30012ES3GKD580Z  | 38,473     | K1          | 3953                       | 361         | 94.5     | 64.949              | 460V    | ○★    |
|     | 900  | 586/7      | 30009ES3GKD586/7 | 51,705     | K1          | 4293                       | 367         | 94.0     | 59.421              | 460V    | ○     |
| 350 | 1800 | 449T       | 35018ES3GKD449   | 30,188     | K1          | 3472                       | 404         | 95.0     | 54.976              | 460V    | ○     |
|     | 1800 | 449TZ      | 35018ES3GKD449TZ | 30,188     | K1          | 3522                       | 404         | 95.0     | 58.370              | 460V    | ◆○★   |
|     | 1800 | 586/7      | 35018ES3GKD586/7 | 33,863     | K1          | 3760                       | 391         | 95.0     | 59.421              | 460V    | ◆○    |
|     | 1800 | 586/7Z     | 35018ES3GKD580Z  | 33,863     | K1          | 3810                       | 391         | 95.0     | 64.949              | 460V    | ○★    |
|     | 1200 | 586/7      | 35012ES3GKD586/7 | 42,076     | K1          | 4355                       | 420         | 94.9     | 59.421              | 460V    | ◆○    |
|     | 1200 | 586/7Z     | 35012ES3GKD580Z  | 42,076     | K1          | 4405                       | 420         | 94.9     | 64.949              | 460V    | ○★    |
|     | 900  | 586/7      | 35009ES3GKD586/7 | 54,381     | K1          | 4686                       | 431         | 94.7     | 59.421              | 460V    | ◆○    |
| 400 | 1800 | 586/7      | 40018ES3GKD586/7 | 39,338     | K1          | 4168                       | 451         | 95.0     | 59.421              | 460V    | ◆○    |
|     | 1800 | 586/7Z     | 40018ES3GKD580Z  | 39,338     | K1          | 4218                       | 451         | 95.0     | 64.949              | 460V    | ○★    |
|     | 1200 | 586/7      | 40012ES3GKD586/7 | 46,197     | K1          | 4498                       | 484         | 94.9     | 59.421              | 460V    | ◆○    |
|     | 1200 | 586/7Z     | 40012ES3GKD580Z  | 46,197     | K1          | 4548                       | 484         | 94.9     | 64.949              | 460V    | ○★    |
| 450 | 1800 | 586/7      | 45018ES3GKD586/7 | 42,191     | K1          | 4388                       | 496         | 95.0     | 59.421              | 460V    | ◆○    |
|     | 1800 | 586/7Z     | 45018ES3GKD580Z  | 42,191     | K1          | 4438                       | 496         | 95.0     | 64.949              | 460V    | ○★    |
|     | 1200 | 586/7      | 45012ES3GKD586/7 | 49,958     | K1          | 4620                       | 540         | 95.0     | 59.421              | 460V    | ◆○    |
|     | 1200 | 586/7Z     | 45012ES3GKD580Z  | 49,958     | K1          | 4670                       | 540         | 95.0     | 64.949              | 460V    | ○★    |
| 500 | 1800 | 586/7      | 50018ES3GKD586/7 | 43,375     | K1          | 4587                       | 555         | 95.2     | 59.421              | 460V    | ◆○    |
|     | 1800 | 586/7Z     | 50018ES3GKD580Z  | 43,375     | K1          | 4637                       | 555         | 95.2     | 64.949              | 460V    | ○★    |
|     | 1200 | 586/7Z     | 50012ES3GKD580Z  | 53,026     | K1          | 5115                       | 660         | 95.0     | 64.949              | 460V    | ○★    |

• ELECTRICAL FEATURES ON PAGE B-17.

• MECHANICAL FEATURES ON PAGE B-59, B-61.

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