

# General Purpose Motors

## Open Drip-Proof Motors

Toshiba's general purpose, open drip-proof motors are designed to meet the industry's ever-increasing need for improved energy conservation and product reliability. These motors offer some of the highest efficiency and torque ratings while producing some of the lowest vibration ratings in the industry—leading to a longer life and greater reliability. Recommended for indoor use, our general purpose, open drip-proof motors are available in High and NEMA Premium® Efficiency.

### Standard Features:

- Open Drip-Proof
- High & NEMA Premium® Efficiency
- 60 Hz: 230/460, 460, or 575 V
- Three-Phase
- 60 Hz Design
- 1.15 Service Factor
- NEMA Design B (Where Applicable)
- Class F Insulation; Inverter Duty, Exceeds NEMA MG1 Part 31
- IP22 Protection
- Stamped Steel Conduit Box
- Cast Iron Frame & Bearing Brackets
- Ball Bearing 143T through 405T Frames
- Roller Bearing on 444T Frame & Above, 4- & 6-Pole (Where Noted)
- Polyurea Base Grease
- See Appendix C for ASD Capabilities

### Applications:

- Pumps
- Fans
- Compressors
- Conveyors
- Material Handling
- General Applications



ODP General Purpose  
TEFC General Purpose  
Explosion Proof  
IEC  
Definite Purpose  
LV Mods. (Stock & Prod.)  
MV General Purpose Open  
MV Gen. Purp. Enclosed  
MV Modifications

# Open Drip-Proof High & NEMA Premium® Efficiency



Toshiba's general purpose, open drip-proof motor series is designed to meet the industry's ever-increasing need for improved energy conservation and product reliability. This product line offers a high torque and low vibration design, leading to a longer life and greater reliability.

### Product Scope:

- Horsepower:** 1 to 800 HP
- Speed (60 Hz):** 3600, 1800, or 1200 RPM
- Volt (60 Hz):** 230/460, 460, or 575 V
- Enclosure:** Open Drip-Proof
- Frame Size:** 143T through 5810UZ
- Construction:** Cast Iron Frame & Bearing Brackets
- Insulation:** Class F Inverter Duty, Exceeds NEMA MG1 Part 31

**3** THREE YEAR WARRANTY  
**2** TWO YEAR WARRANTY  
**NEMA Premium**  
High Efficiency

| HP  | Speed (RPM) | Volts   | Frame | Weight (lbs.) | Model Number  | FL Amps  | Nominal FL EFF | Notes | Discount Symbol |
|-----|-------------|---------|-------|---------------|---------------|----------|----------------|-------|-----------------|
| 1   | 1800        | 230/460 | 143T  | 45            | 0014DPSA31A-P | 3.0/1.5  | 85.5           | 1     | MCTDPP          |
| 1   | 1800        | 575     | 143T  | 45            | 0014DPSC31A-P | 1.2      | 85.5           | 1     | MCTDPP          |
| 1   | 1200        | 230/460 | 145T  | 51            | 0016DPSA31A-P | 3.8/1.9  | 82.5           | 1     | MCTDPP          |
| 1   | 1200        | 575     | 145T  | 51            | 0016DPSC31A-P | 1.5      | 82.5           | 1     | MCTDPP          |
| 1.5 | 3600        | 230/460 | 143T  | 44            | Y152DPSA31A-P | 4.2/2.1  | 84.0           | 1     | MCTDPP          |
| 1.5 | 3600        | 575     | 143T  | 44            | Y152DPSC31A-P | 1.7      | 84.0           | 1     | MCTDPP          |
| 1.5 | 1800        | 230/460 | 145T  | 41            | Y154DPSA31A-P | 4.4/2.2  | 86.5           | 1     | MCTDPP          |
| 1.5 | 1800        | 575     | 145T  | 41            | Y154DPSC31A-P | 1.8      | 86.5           | 1     | MCTDPP          |
| 1.5 | 1200        | 230/460 | 182T  | 93            | Y156DPSA31A-P | 5.2/2.6  | 86.5           | 1     | MCTDPP          |
| 1.5 | 1200        | 575     | 182T  | 93            | Y156DPSC31A-P | 2.1      | 86.5           | 1     | MCTDPP          |
| 2   | 3600        | 230/460 | 145T  | 49            | 0022DPSA31A-P | 5.4/2.7  | 85.5           | 1     | MCTDPP          |
| 2   | 3600        | 575     | 145T  | 49            | 0022DPSC31A-P | 2.2      | 85.5           | 1     | MCTDPP          |
| 2   | 1800        | 230/460 | 145T  | 53            | 0024DPSA31A-P | 5.4/2.7  | 86.5           | 1     | MCTDPP          |
| 2   | 1800        | 575     | 145T  | 53            | 0024DPSC31A-P | 2.2      | 86.5           | 1     | MCTDPP          |
| 2   | 1200        | 230/460 | 184T  | 106           | 0026DPSA31A-P | 6.8/3.4  | 87.5           | 1     | MCTDPP          |
| 2   | 1200        | 575     | 184T  | 106           | 0026DPSC31A-P | 2.7      | 87.5           | 1     | MCTDPP          |
| 3   | 3600        | 230/460 | 145T  | 54            | 0032DPSA31A-P | 7.8/3.9  | 85.5           | 1     | MCTDPP          |
| 3   | 3600        | 575     | 145T  | 54            | 0032DPSC31A-P | 3.1      | 85.5           | 1     | MCTDPP          |
| 3   | 1800        | 230/460 | 182T  | 90            | 0034DPSA31A-P | 8.0/4.0  | 89.5           | 1     | MCTDPP          |
| 3   | 1800        | 575     | 182T  | 90            | 0034DPSC31A-P | 3.2      | 89.5           | 1     | MCTDPP          |
| 3   | 1200        | 230/460 | 213T  | 139           | 0036DPSA31A-P | 9.0/4.5  | 88.5           | 1     | MCTDPP          |
| 3   | 1200        | 575     | 213T  | 139           | 0036DPSC31A-P | 3.9      | 88.5           | 1     | MCTDPP          |
| 5   | 3600        | 230/460 | 182T  | 89            | 0052DPSA31A-P | 11.6/5.8 | 86.5           | 1     | MCTDPP          |
| 5   | 3600        | 575     | 182T  | 89            | 0052DPSC31A-P | 4.6      | 86.5           | 1     | MCTDPP          |
| 5   | 1800        | 230/460 | 184T  | 101           | 0054DPSA31A-P | 13.2/6.6 | 89.5           | 1     | MCTDPP          |
| 5   | 1800        | 575     | 184T  | 101           | 0054DPSC31A-P | 5.3      | 89.5           | 1     | MCTDPP          |
| 5   | 1200        | 230/460 | 215T  | 168           | 0056DPSA31A-P | 14.4/7.2 | 89.5           | 1     | MCTDPP          |
| 5   | 1200        | 575     | 215T  | 168           | 0056DPSC31A-P | 5.8      | 89.5           | 1     | MCTDPP          |

# Open Drip-Proof

## High & NEMA Premium® Efficiency



| HP  | Speed (RPM) | Volts   | Frame | Weight (lbs.) | Model Number  | FL Amps   | Nominal FL EFF | Notes | Discount Symbol |
|-----|-------------|---------|-------|---------------|---------------|-----------|----------------|-------|-----------------|
| 7.5 | 3600        | 230/460 | 184T  | 104           | Y752DPSA31A-P | 18.0/9.0  | 88.5           | 1     | MCTDPP          |
| 7.5 | 3600        | 575     | 184T  | 104           | Y752DPSC31A-P | 7.2       | 88.5           | 1     | MCTDPP          |
| 7.5 | 1800        | 230/460 | 213T  | 146           | Y754DPSA31A-P | 18.8/9.4  | 91.0           | 1     | MCTDPP          |
| 7.5 | 1800        | 575     | 213T  | 146           | Y754DPSC31A-P | 7.5       | 91.0           | 1     | MCTDPP          |
| 7.5 | 1200        | 230/460 | 254T  | 234           | Y756DPSA31A-P | 20.4/10.2 | 90.2           | 1     | MCTDPP          |
| 7.5 | 1200        | 575     | 254T  | 234           | Y756DPSC31A-P | 8.2       | 90.2           | 1     | MCTDPP          |
| 10  | 3600        | 230/460 | 213T  | 150           | 0102DPSA31A-P | 24.8/12.4 | 89.5           | 1     | MCTDPP          |
| 10  | 3600        | 575     | 213T  | 150           | 0102DPSC31A-P | 9.9       | 89.5           | 1     | MCTDPP          |
| 10  | 1800        | 230/460 | 215T  | 165           | 0104DPSA31A-P | 24.4/12.2 | 91.7           | 1     | MCTDPP          |
| 10  | 1800        | 575     | 215T  | 165           | 0104DPSC31A-P | 9.8       | 91.7           | 1     | MCTDPP          |
| 10  | 1200        | 230/460 | 256T  | 265           | 0106DPSA31A-P | 26.6/13.3 | 91.7           | 1     | MCTDPP          |
| 10  | 1200        | 575     | 256T  | 265           | 0106DPSC31A-P | 10.6      | 91.7           | 1     | MCTDPP          |
| 15  | 3600        | 230/460 | 215T  | 183           | 0152DPSA31A-P | 36.8/18.4 | 90.2           | 1     | MCTDPP          |
| 15  | 3600        | 575     | 215T  | 183           | 0152DPSC31A-P | 14.7      | 90.2           | 1     | MCTDPP          |
| 15  | 1800        | 230/460 | 254T  | 254           | 0154DPSA31A-P | 38.2/19.1 | 93.0           | 1     | MCTDPP          |
| 15  | 1800        | 575     | 254T  | 254           | 0154DPSC31A-P | 15.2      | 93.0           | 1     | MCTDPP          |
| 15  | 1200        | 230/460 | 284T  | 348           | 0156DPSA31A-P | 40/20     | 91.7           | 1     | MCTDPP          |
| 15  | 1200        | 575     | 284T  | 348           | 0156DPSC31A-P | 16.0      | 91.7           | 1     | MCTDPP          |
| 20  | 3600        | 230/460 | 254T  | 267           | 0202DPSA31A-P | 47.2/23.6 | 91.0           | 1     | MCTDPP          |
| 20  | 3600        | 575     | 254T  | 267           | 0202DPSC31A-P | 18.9      | 91.0           | 1     | MCTDPP          |
| 20  | 1800        | 230/460 | 256T  | 300           | 0204DPSA31A-P | 50/25     | 93.0           | 1     | MCTDPP          |
| 20  | 1800        | 575     | 256T  | 300           | 0204DPSC31A-P | 20        | 93.0           | 1     | MCTDPP          |
| 20  | 1200        | 230/460 | 286T  | 373           | 0206DPSA31A-P | 51.6/25.8 | 92.4           | 1     | MCTDPP          |
| 20  | 1200        | 575     | 286T  | 373           | 0206DPSC31A-P | 20.6      | 92.4           | 1     | MCTDPP          |
| 25  | 3600        | 230/460 | 256T  | 300           | 0252DPSA31A-P | 58/29     | 91.7           | 1     | MCTDPP          |
| 25  | 3600        | 575     | 256T  | 300           | 0252DPSC31A-P | 23.2      | 91.7           | 1     | MCTDPP          |
| 25  | 1800        | 230/460 | 284T  | 370           | 0254DPSA31A-P | 64/32     | 93.6           | 1     | MCTDPP          |
| 25  | 1800        | 575     | 284T  | 370           | 0254DPSC31A-P | 25.6      | 93.6           | 1     | MCTDPP          |
| 25  | 1200        | 230/460 | 324T  | 511           | 0256DPSA31A-P | 67/33.5   | 93.0           | 1     | MCTDPP          |
| 25  | 1200        | 575     | 324T  | 511           | 0256DPSC31A-P | 26.8      | 93.0           | 1     | MCTDPP          |
| 30  | 3600        | 230/460 | 284TS | 377           | 0302DPSA31B-P | 70.8/35.4 | 91.7           | 1     | MCTDPP          |
| 30  | 3600        | 575     | 284TS | 377           | 0302DPSC31B-P | 28.3      | 91.7           | 1     | MCTDPP          |
| 30  | 1800        | 230/460 | 286T  | 434           | 0304DPSA31A-P | 72.4/36.2 | 94.1           | 1     | MCTDPP          |
| 30  | 1800        | 575     | 286T  | 434           | 0304DPSC31A-P | 29        | 94.1           | 1     | MCTDPP          |
| 30  | 1200        | 230/460 | 326T  | 586           | 0306DPSA31A-P | 80/40     | 93.6           | 1     | MCTDPP          |
| 30  | 1200        | 575     | 326T  | 586           | 0306DPSC31A-P | 32        | 93.6           | 1     | MCTDPP          |
| 40  | 3600        | 230/460 | 286TS | 406           | 0402DPSA31B-P | 93/46.5   | 92.4           | 1     | MCTDPP          |
| 40  | 3600        | 575     | 286TS | 406           | 0402DPSC31B-P | 37.2      | 92.4           | 1     | MCTDPP          |
| 40  | 1800        | 230/460 | 324T  | 549           | 0404DPSA31A-P | 97/48.5   | 94.1           | 1     | MCTDPP          |
| 40  | 1800        | 575     | 324T  | 549           | 0404DPSC31A-P | 43.7      | 94.1           | 1     | MCTDPP          |
| 40  | 1200        | 230/460 | 364T  | 679           | 0406DPSA31A-P | 98.4/49.2 | 94.1           | 1     | MCTDPP          |
| 40  | 1200        | 575     | 364T  | 679           | 0406DPSC31A-P | 39.4      | 94.1           | 1     | MCTDPP          |
| 50  | 3600        | 230/460 | 324TS | 570           | 0502DPSA31B-P | 118/59    | 93.0           | 1     | MCTDPP          |
| 50  | 3600        | 575     | 324TS | 570           | 0502DPSC31B-P | 47.2      | 93.0           | 1     | MCTDPP          |
| 50  | 1800        | 230/460 | 326T  | 606           | 0504DPSA31A-P | 118/59    | 94.5           | 1     | MCTDPP          |
| 50  | 1800        | 575     | 326T  | 606           | 0504DPSC31A-P | 47.2      | 94.5           | 1     | MCTDPP          |
| 50  | 1200        | 230/460 | 365T  | 743           | 0506DPSA31A-P | 123/61.5  | 94.1           | 1     | MCTDPP          |
| 50  | 1200        | 575     | 365T  | 743           | 0506DPSC31A-P | 49.2      | 94.1           | 1     | MCTDPP          |

ODP General Purpose

# Open Drip-Proof

## High & NEMA Premium® Efficiency



TEFC General Purpose

Explosion Proof

IEC

Definite Purpose

LV Mods. (Stock &amp; Prod.)

MV General Purpose Open

MV Gen. Purp. Enclosed

MV Modifications

| HP  | Speed (RPM) | Volts   | Frame | Weight (lbs.) | Model Number  | FL Amps   | Nominal FL EFF | Notes | Discount Symbol |
|-----|-------------|---------|-------|---------------|---------------|-----------|----------------|-------|-----------------|
| 60  | 3600        | 230/460 | 326TS | 650           | 0602DPSA31B-P | 136/68    | 93.6           | 1     | MCTDPP          |
| 60  | 3600        | 575     | 326TS | 650           | 0602DPSC31B-P | 54.4      | 93.6           | 1     | MCTDPP          |
| 60  | 1800        | 230/460 | 364T  | 723           | 0604DPSA31A-P | 144/72    | 95.0           | 1     | MCTDPP          |
| 60  | 1800        | 575     | 364T  | 723           | 0604DPSC31A-P | 57.6      | 95.0           | 1     | MCTDPP          |
| 60  | 1200        | 230/460 | 404T  | 1117          | B0606VLF3USH  | 146/73    | 95.0           |       | MXTDPP          |
| 60  | 1200        | 575     | 404T  | 1032          | B0606VLF3OSH  | 59        | 95.0           |       | MXTDPP          |
| 60  | 1200        | 230/460 | 404T  | 944           | 0606DPSA31A-P | 148/74    | 94.5           | 1     | MCTDPP          |
| 60  | 1200        | 575     | 404T  | 944           | 0606DPSC31A-P | 59.2      | 94.5           | 1     | MCTDPP          |
| 75  | 3600        | 230/460 | 364TS | 699           | 0752DPSA31B-P | 179/89.5  | 93.6           | 1     | MCTDPP          |
| 75  | 3600        | 575     | 364TS | 699           | 0752DPSC31B-P | 71.6      | 93.6           | 1     | MCTDPP          |
| 75  | 1800        | 230/460 | 365T  | 794           | 0754DPSA31A-P | 176/88    | 95.0           | 1     | MCTDPP          |
| 75  | 1800        | 575     | 365T  | 794           | 0754DPSC31A-P | 70.4      | 95.0           | 1     | MCTDPP          |
| 75  | 1200        | 230/460 | 405T  | 1221          | B0756VLF3USH  | 180/90    | 95.4           |       | MXTDPP          |
| 75  | 1200        | 575     | 405T  | 1139          | B0756VLF3OSH  | 72        | 95.8           |       | MXTDPP          |
| 75  | 1200        | 230/460 | 405T  | 1144          | 0756DPSA31A-P | 184/92    | 94.5           | 1     | MCTDPP          |
| 75  | 1200        | 575     | 405T  | 1221          | 0756DPSC31A-P | 73.6      | 94.5           | 1     | MCTDPP          |
| 100 | 3600        | 230/460 | 365TS | 770           | 1002DPSA31B-P | 226/113   | 93.6           | 1     | MCTDPP          |
| 100 | 3600        | 575     | 365TS | 770           | 1002DPSC31B-P | 91        | 93.6           | 1     | MCTDPP          |
| 100 | 1800        | 230/460 | 404T  | 1135          | B1004VLF3USH  | 224/112   | 95.4           |       | MXTDPP          |
| 100 | 1800        | 575     | 404T  | 1100          | B1004VLF3OSH  | 90        | 95.4           |       | MXTDPP          |
| 100 | 1800        | 230/460 | 404T  | 1025          | 1004DPSA31A-P | 230/115   | 95.4           | 1     | MCTDPP          |
| 100 | 1800        | 575     | 404T  | 1010          | 1004DPSC31A-P | 92        | 95.4           | 1     | MCTDPP          |
| 100 | 1200        | 230/460 | 444T  | 1480          | B1006VLF4USH  | 242/121   | 95.4           | 2     | MXTDPP          |
| 100 | 1200        | 575     | 444T  | 1406          | B1006VLF4OSH  | 96        | 95.4           | 2     | MXTDPP          |
| 100 | 1200        | 230/460 | 444T  | 1364          | 1006DPSA31A-P | 240/120   | 95.0           | 1     | MCTDPP          |
| 100 | 1200        | 575     | 444T  | 1364          | 1006DPSC31A-P | 96        | 95.0           | 1     | MCTDPP          |
| 125 | 3600        | 230/460 | 404TS | 1114          | B1252VLG3USH  | 284/142   | 95.4           |       | MXTDPP          |
| 125 | 3600        | 575     | 404TS | 1114          | B1252VLG3OSH  | 112       | 95.4           |       | MXTDPP          |
| 125 | 3600        | 230/460 | 404TS | 1010          | 1252DPSA31B-P | 284/142   | 94.1           | 1     | MCTDPP          |
| 125 | 3600        | 575     | 404TS | 1010          | 1252DPSC31B-P | 114       | 94.1           | 1     | MCTDPP          |
| 125 | 1800        | 230/460 | 405T  | 1209          | B1254VLF3USH  | 278/139   | 95.4           |       | MXTDPP          |
| 125 | 1800        | 575     | 405T  | 1209          | B1254VLF3OSH  | 111       | 95.4           |       | MXTDPP          |
| 125 | 1800        | 230/460 | 405T  | 1203          | 1254DPSA31A-P | 287/143.5 | 95.4           | 1     | MCTDPP          |
| 125 | 1800        | 575     | 405T  | 1203          | 1254DPSC31A-P | 115       | 95.4           | 1     | MCTDPP          |
| 125 | 1200        | 230/460 | 445T  | 1507          | B1256VLF4USH  | 306/153   | 95.4           | 2     | MXTDPP          |
| 125 | 1200        | 575     | 445T  | 1580          | B1256VLF4OSH  | 122       | 95.4           | 2     | MXTDPP          |
| 125 | 1200        | 230/460 | 445T  | 1647          | 1256DPSA31A-P | 304/152   | 95.0           | 1     | MCTDPP          |
| 125 | 1200        | 575     | 445T  | 1647          | 1256DPSC31A-P | 122       | 95.0           | 1     | MCTDPP          |
| 150 | 3600        | 230/460 | 405TS | 1213          | B1502VLG3USH  | 328/164   | 95.8           |       | MXTDPP          |
| 150 | 3600        | 575     | 405TS | 1213          | B1502VLG3OSH  | 132       | 95.8           |       | MXTDPP          |
| 150 | 3600        | 230/460 | 405TS | 1126          | 1502DPSA31B-P | 338/169   | 94.1           | 1     | MCTDPP          |
| 150 | 3600        | 575     | 405TS | 1126          | 1502DPSC31B-P | 136       | 94.1           | 1     | MCTDPP          |
| 150 | 1800        | 230/460 | 444T  | 1471          | B1504VLF4USH  | 334/167   | 95.8           | 2     | MXTDPP          |
| 150 | 1800        | 575     | 444T  | 1355          | B1504VLF4OSH  | 133       | 95.8           | 2     | MXTDPP          |
| 150 | 1800        | 230/460 | 444T  | 1452          | 1504DPSA31A-P | 346/173   | 95.8           | 1     | MCTDPP          |
| 150 | 1800        | 575     | 444T  | 1452          | 1504DPSC31A-P | 139       | 95.8           | 1     | MCTDPP          |
| 150 | 1200        | 460     | 445TZ | 1617          | B1506VLF4BSH  | 180       | 95.8           | 2     | MXTDPP          |
| 150 | 1200        | 575     | 445TZ | 1617          | B1506VLF4OSH  | 143       | 95.8           | 2     | MXTDPP          |

# Open Drip-Proof

## High & NEMA Premium® Efficiency



| HP  | Speed (RPM) | Volts   | Frame  | Weight (lbs.) | Model Number  | FL Amps | Nominal FL EFF | Notes | Discount Symbol |
|-----|-------------|---------|--------|---------------|---------------|---------|----------------|-------|-----------------|
| 150 | 1200        | 230/460 | 447T   | 1938          | 1506DPSA31A-P | 358/179 | 95.4           | 1     | MCTDPP          |
| 150 | 1200        | 575     | 447T   | 1938          | 1506DPSC31A-P | 143     | 95.4           | 1     | MCTDPP          |
| 200 | 3600        | 230/460 | 444TS  | 1524          | B2002VLG3USH  | 450/225 | 95.0           |       | MXTDPP          |
| 200 | 3600        | 575     | 444TS  | 1520          | B2002VLG3OSH  | 177     | 95.8           |       | MXTDPP          |
| 200 | 1800        | 230/460 | 445T   | 1586          | B2004VLF4USH  | 442/221 | 96.2           | 2     | MXTDPP          |
| 200 | 1800        | 575     | 445T   | 1597          | B2004VLF4OSH  | 176     | 96.2           | 2     | MXTDPP          |
| 200 | 1800        | 460     | 445T   | 1606          | 2004DPSB31A-P | 228     | 95.8           | 1     | MCTDPP          |
| 200 | 1800        | 575     | 445T   | 1606          | 2004DPSC31A-P | 183     | 95.8           | 1     | MCTDPP          |
| 200 | 1200        | 460     | 505US  | 2010          | B2006VLG3BMH  | 233     | 95.8           |       | MXTDPP          |
| 200 | 1200        | 575     | 505US  | 2010          | B2006VLG3OMH  | 186     | 95.8           |       | MXTDPP          |
| 200 | 1200        | 460     | 505UZ  | 2342          | B2006VLF4BMH  | 233     | 95.8           | 2     | MXTDPP          |
| 200 | 1200        | 575     | 505UZ  | 2010          | B2006VLF4OMH  | 186     | 95.8           | 2     | MXTDPP          |
| 200 | 1200        | 460     | 449T   | 1936          | 2006DPSB31A-P | 240     | 95.4           | 1     | MCTDPP          |
| 200 | 1200        | 575     | 449T   | 1936          | 2006DPSC31A-P | 192     | 95.4           | 1     | MCTDPP          |
| 250 | 3600        | 230/460 | 445TS  | 1676          | B2502VLG3UMH  | 560/280 | 95.8           | 1     | MXTDPP          |
| 250 | 3600        | 575     | 445TS  | 1720          | B2502VLG3OMH  | 223     | 95.8           |       | MXTDPP          |
| 250 | 1800        | 460     | 447TS  | 1721          | B2504VLG3BMH  | 271     | 96.5           |       | MXTDPP          |
| 250 | 1800        | 575     | 447TS  | 1721          | B2504VLG3OMH  | 217     | 96.5           |       | MXTDPP          |
| 250 | 1800        | 460     | 447T   | 1721          | B2504VLF4BMH  | 271     | 96.5           | 2     | MXTDPP          |
| 250 | 1800        | 575     | 447T   | 1721          | B2504VLF4OMH  | 217     | 96.5           | 2     | MXTDPP          |
| 250 | 1800        | 460     | 447T   | 1938          | 2504DPSB31A-P | 278     | 95.8           | 1     | MCTDPP          |
| 250 | 1800        | 575     | 447T   | 1938          | 2504DPSC31A-P | 222     | 95.8           | 1     | MCTDPP          |
| 250 | 1200        | 460     | 505US  | 2072          | B2506VLG3BMH  | 287     | 95.8           | 1     | MXTDPP          |
| 250 | 1200        | 575     | 505US  | 2072          | B2506VLG3OMH  | 230     | 95.8           |       | MXTDPP          |
| 250 | 1200        | 460     | 505UZ  | 2450          | B2506VLF4BMH  | 287     | 95.8           | 2     | MXTDPP          |
| 250 | 1200        | 575     | 505UZ  | 2072          | B2506VLF4OMH  | 230     | 95.8           | 2     | MXTDPP          |
| 300 | 3600        | 460     | 447TS  | 1861          | B3002VLG3BMH  | 325     | 96.2           |       | MXTDPP          |
| 300 | 3600        | 575     | 447TS  | 1857          | B3002VLG3OMH  | 260     | 96.2           |       | MXTDPP          |
| 300 | 1800        | 460     | 447TS  | 1927          | B3004VLG3BMH  | 328     | 96.2           |       | MXTDPP          |
| 300 | 1800        | 575     | 447TS  | 1868          | B3004VLG3OMH  | 262     | 96.2           |       | MXTDPP          |
| 300 | 1800        | 460     | 447T   | 1898          | B3004VLF4BMH  | 328     | 96.2           | 2     | MXTDPP          |
| 300 | 1800        | 575     | 447T   | 1721          | B3004VLF4OMH  | 262     | 96.2           | 2     | MXTDPP          |
| 300 | 1800        | 460     | 449T   | 2300          | 3004DPSB31A-P | 330     | 95.8           | 1     | MCTDPP          |
| 300 | 1800        | 575     | 449T   | 2300          | 3004DPSC31A-P | 264     | 95.8           | 1     | MCTDPP          |
| 300 | 1200        | 460     | 507US  | 2474          | B3006VLG3BMH  | 344     | 95.8           |       | MXTDPP          |
| 300 | 1200        | 575     | 507US  | 2474          | B3006VLG3OMH  | 278     | 95.8           |       | MXTDPP          |
| 300 | 1200        | 460     | 507UZ  | 2702          | B3006VLF4BMH  | 344     | 95.8           | 2     | MXTDPP          |
| 300 | 1200        | 575     | 507UZ  | 2474          | B3006VLF4OMH  | 278     | 95.8           | 2     | MXTDPP          |
| 350 | 3600        | 460     | 447TS  | 1966          | B3502VLG3BMH  | 378     | 96.2           |       | MXTDPP          |
| 350 | 3600        | 575     | 447TS  | 2012          | B3502VLG3OMH  | 302     | 96.2           |       | MXTDPP          |
| 350 | 1800        | 460     | 505US  | 2485          | B3504VLG3BMH  | 383     | 96.5           |       | MXTDPP          |
| 350 | 1800        | 575     | 505US  | 2054          | B3504VLG3OMH  | 306     | 96.5           |       | MXTDPP          |
| 350 | 1800        | 460     | 505UZ  | 2054          | B3504VLF4BMH  | 383     | 96.5           | 2     | MXTDPP          |
| 350 | 1800        | 575     | 505UZ  | 2054          | B3504VLF4OMH  | 306     | 96.5           | 2     | MXTDPP          |
| 400 | 3600        | 460     | 505USS | 2341          | B4002VLG3BMH  | 428     | 95.8           |       | MXTDPP          |
| 400 | 3600        | 575     | 505USS | 2312          | B4002VLG3OMH  | 342     | 95.8           |       | MXTDPP          |
| 400 | 1800        | 460     | 507US  | 2806          | B4004VLG3BMH  | 435     | 96.5           |       | MXTDPP          |
| 400 | 1800        | 575     | 507US  | 2620          | B4004VLG3OMH  | 348     | 96.5           |       | MXTDPP          |

ODP General Purpose

TEFC General Purpose

Explosion Proof

IEC

Definite Purpose

LV Mods. (Stock & Prod.)

MV General Purpose Open

MV Gen. Purp. Enclosed

MV Modifications

ODP General Purpose

# Open Drip-Proof

## High & NEMA Premium® Efficiency



TEFC General Purpose

Explosion Proof

IEC

Definite Purpose

LV Mods. (Stock &amp; Prod.)

MV General Purpose Open

MV Gen. Purp. Enclosed

MV Modifications

| HP  | Speed (RPM) | Volts | Frame  | Weight (lbs.) | Model Number | FL Amps | Nominal FL EFF | Notes | Discount Symbol |
|-----|-------------|-------|--------|---------------|--------------|---------|----------------|-------|-----------------|
| 400 | 1800        | 460   | 507UZ  | 2823          | B4004VLF4BMH | 435     | 96.5           | 2     | MXTDPP          |
| 400 | 1800        | 575   | 507UZ  | 2620          | B4004VLF4OMH | 348     | 96.5           | 2     | MXTDPP          |
| 400 | 1200        | 460   | 509US  | 2800          | F4006VLG3BM  | 460     | 95.0           |       | MXTDPP          |
| 400 | 1200        | 575   | 509US  | 2800          | F4006VLG3OM  | 368     | 95.4           |       | MXTDPP          |
| 400 | 1200        | 460   | 509UZ  | 2950          | F4006VLF4BM  | 460     | 95.0           | 2     | MXTDPP          |
| 400 | 1200        | 575   | 509UZ  | 2950          | F4006VLF4OM  | 368     | 95.4           | 2     | MXTDPP          |
| 450 | 3600        | 460   | 507USS | 2631          | B4502VLG3BMH | 476     | 96.2           |       | MXTDPP          |
| 450 | 3600        | 575   | 507USS | 2777          | B4502VLG3OMH | 380     | 96.2           |       | MXTDPP          |
| 450 | 1800        | 460   | 507US  | 2777          | B4504VLG3BMH | 495     | 96.2           |       | MXTDPP          |
| 450 | 1800        | 575   | 507US  | 2777          | B4504VLG3OMH | 392     | 96.2           |       | MXTDPP          |
| 450 | 1800        | 460   | 507UZ  | 2777          | B4504VLF4BMH | 495     | 96.2           | 2     | MXTDPP          |
| 450 | 1800        | 575   | 507UZ  | 2777          | B4504VLF4OMH | 392     | 96.2           | 2     | MXTDPP          |
| 450 | 1200        | 460   | 509US  | 2850          | F4506VLG3BM  | 523     | 95.5           |       | MXTDPP          |
| 450 | 1200        | 575   | 509US  | 2850          | F4506VLG3OM  | 520     | 95.5           |       | MXTDPP          |
| 450 | 1200        | 460   | 509UZ  | 2850          | F4506VLF4BM  | 523     | 95.5           | 2     | MXTDPP          |
| 450 | 1200        | 575   | 509UZ  | 2850          | F4506VLF4OM  | 520     | 95.5           | 2     | MXTDPP          |
| 500 | 3600        | 460   | 507USS | 2811          | B5002VLG3BMH | 526     | 96.5           |       | MXTDPP          |
| 500 | 3600        | 575   | 507USS | 2777          | B5002VLG3OMH | 421     | 96.5           |       | MXTDPP          |
| 500 | 1800        | 460   | 509US  | 3150          | B5004VLG3BMH | 553     | 96.2           |       | MXTDPP          |
| 500 | 1800        | 575   | 509US  | 3200          | B5004VLG3OMH | 442     | 96.5           |       | MXTDPP          |
| 500 | 1800        | 460   | 509UZ  | 3200          | B5004VLF4BMH | 553     | 96.2           | 2     | MXTDPP          |
| 500 | 1800        | 575   | 509UZ  | 3200          | B5004VLF4OMH | 392     | 96.2           | 2     | MXTDPP          |
| 500 | 1200        | 460   | 5810US | 4650          | F5006VLG3BM  | 655     | 95.8           |       | MXTDPP          |
| 500 | 1200        | 575   | 5810US | 4650          | F5006VLG3OM  | 524     | 96.1           |       | MXTDPP          |
| 500 | 1200        | 460   | 5810UZ | 4750          | F5006VLF4BM  | 655     | 95.8           | 2     | MXTDPP          |
| 500 | 1200        | 575   | 5810UZ | 4750          | F5006VLF4OM  | 524     | 96.1           | 2     | MXTDPP          |
| 600 | 3600        | 460   | 507USS | 2722          | F6002VLG3BM  | 665     | 94.1           |       | MXTDPP          |
| 600 | 3600        | 575   | 507USS | 2722          | F6002VLG3OM  | 518     | 95.0           |       | MXTDPP          |
| 600 | 3600        | 460   | 507USS | 2804          | F6002VLG3BMH | 630     | 96.2           |       | MXTDPP          |
| 600 | 3600        | 575   | 507USS | 2777          | F6002VLG3OMH | 510     | 96.2           |       | MXTDPP          |
| 600 | 1800        | 460   | 509US  | 3150          | F6004VLG3BM  | 648     | 95.4           |       | MXTDPP          |
| 600 | 1800        | 575   | 509US  | 3150          | F6004VLG3OM  | 518     | 95.4           |       | MXTDPP          |
| 600 | 1800        | 460   | 509UZ  | 3250          | F6004VLF4BM  | 648     | 95.4           | 2     | MXTDPP          |
| 600 | 1800        | 575   | 509UZ  | 3250          | F6004VLF4OM  | 518     | 95.4           | 2     | MXTDPP          |
| 600 | 1200        | 460   | 5810US | 4700          | F6006VLG3BM  | 860     | 95.4           |       | MXTDPP          |
| 600 | 1200        | 575   | 5810US | 4700          | F6006VLG3OM  | 577     | 95.5           |       | MXTDPP          |
| 600 | 1200        | 460   | 5810UZ | 4700          | F6006VLF4BM  | 860     | 95.4           | 2     | MXTDPP          |
| 600 | 1200        | 575   | 5810UZ | 4700          | F6006VLF4OM  | 577     | 95.5           | 2     | MXTDPP          |
| 700 | 3600        | 460   | 509USS | 3230          | F7001VLG3BM  | 756     | 96.2           | 5     | MXTDPP          |
| 700 | 3600        | 575   | 509USS | 3279          | F7001VLG3OM  | 610     | 95.4           | 5     | MXTDPP          |
| 700 | 3600        | 460   | 509USS | 3279          | F7003VLG3BM  | 756     | 96.2           | 4     | MXTDPP          |
| 700 | 3600        | 575   | 509USS | 3279          | F7003VLG3OM  | 610     | 95.4           | 4     | MXTDPP          |
| 700 | 3600        | 460   | 507USS | 2820          | F7002VKG3BM  | 756     | 96.2           | 3, 14 | MXTDPP          |
| 700 | 3600        | 575   | 507USS | 2890          | F7002VKG3OM  | 610     | 95.4           | 3, 14 | MXTDPP          |
| 700 | 3600        | 460   | 507USS | 2777          | F7002VKG3BMH | 757     | 95.8           | 3, 14 | MXTDPP          |
| 700 | 3600        | 575   | 507USS | 2777          | F7002VKG3OMH | 592     | 95.8           | 3, 14 | MXTDPP          |
| 700 | 1800        | 460   | 5810US | 4600          | F7004VLG3BM  | 852     | 95.4           |       | MXTDPP          |
| 700 | 1800        | 575   | 5810US | 4600          | F7004VLG3OM  | 679     | 95.4           |       | MXTDPP          |

# Open Drip-Proof

## High & NEMA Premium® Efficiency



| HP  | Speed (RPM) | Volts | Frame  | Weight (lbs.) | Model Number | FL Amps | Nominal FL EFF | Notes    | Discount Symbol |
|-----|-------------|-------|--------|---------------|--------------|---------|----------------|----------|-----------------|
| 700 | 1800        | 460   | 5810UZ | 4700          | F7004VLF4BM  | 852     | 95.4           | 2        | MXTDPP          |
| 700 | 1800        | 575   | 5810UZ | 4700          | F7004VLF4OM  | 679     | 95.4           | 2        | MXTDPP          |
| 700 | 1200        | 460   | 5810US | 4750          | F7006VKG3BM  | 985     | 95.8           | 3, 14    | MXTDPP          |
| 700 | 1200        | 575   | 5810US | 4750          | F7006VKG3OM  | 788     | 95.8           | 3, 14    | MXTDPP          |
| 700 | 1200        | 460   | 5810UZ | 4850          | F7006VKF4BM  | 985     | 95.8           | 2, 3, 14 | MXTDPP          |
| 700 | 1200        | 575   | 5810UZ | 4850          | F7006VKF4OM  | 788     | 95.8           | 2, 3, 14 | MXTDPP          |
| 800 | 3600        | 460   | 509USS | 3385          | F8001VLG3BM  | 880     | 96.2           | 5        | MXTDPP          |
| 800 | 3600        | 575   | 509USS | 3385          | F8001VLG3OM  | 728     | 95.0           | 5        | MXTDPP          |
| 800 | 3600        | 460   | 509USS | 3373          | F8003VLG3BM  | 880     | 96.2           | 4        | MXTDPP          |
| 800 | 3600        | 575   | 509USS | 3385          | F8003VLG3OM  | 728     | 95.0           | 4        | MXTDPP          |
| 800 | 1800        | 460   | 5810US | 4650          | F8004VLG3BM  | 969     | 95.4           | 4        | MXTDPP          |
| 800 | 1800        | 575   | 5810US | 4650          | F8004VLG3OM  | 763     | 95.8           | 4        | MXTDPP          |
| 800 | 1800        | 460   | 5810UZ | 4750          | F8004VLF4BM  | 967     | 95.4           | 2        | MXTDPP          |
| 800 | 1800        | 575   | 5810UZ | 4750          | F8004VLF4OM  | 763     | 95.8           | 2        | MXTDPP          |

FL Amps and FL EFF are average expected design values and not guaranteed.  
 The weights listed above are estimated.  
 Please contact Toshiba for information on product availability.  
 "CF" = Consult Factory

ODP General Purpose

TEFC General Purpose

Explosion Proof

IEC

Definite Purpose

LV Mods. (Stock & Prod.)

MV General Purpose Open

MV Gen. Purp. Enclosed

MV Modifications