



Premium Efficiency Severe Duty Motors

Built for General Purpose and Severe Duty Applications

WorldWide Electric's Premium Efficiency Severe Duty Motors are an ideal solution for many industrial applications. These reliable, high performance motors are well-equipped to power anything from pumps, fans, compressors, and blowers to crushing, hammer mill, and aggregate processing equipment. Featuring a TEFC enclosure, premium efficiency performance, oversized bearings, and inverter-grade magnet wire, the WorldWide Electric Premium Efficiency Severe Duty Motor is ready for whatever you can give it.

Specifications

- Output: 1-500 HP
- Phase: 3
- Speed: 3600, 1800, 1200, 900 RPM
- Frequency: Dual rated 50/60 Hz (1-200 HP), 60Hz (250-500 HP)
- Voltage: 208-230/460v 60Hz (most models)

In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$30 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/PESD

Product Features

- TEFC Enclosure, IP55 Protection
- Heavy gauge rolled steel fan cover
- CSA certified, Class 1, Division 2, Groups A, B, C, D (1-400 HP)
- DOE/EEV CC006A
- Class F insulation
- 1.25 SF (1-200 HP), 1.15 SF (250-500 HP)
- Rigid Base
- Inverter Duty, 10:1 CT / 20:1 VT (1.0 SF, 1-400 HP)
- Inverter Ready, 3:1 CT / 6:1 VT (1.0 SF, 450-500 HP)
- C-Face with Feet (C) and Short Shaft (S) models also available
- Oversized bearings
- Models with insulated bearings in opposite drive end (ODE) available

- Metal clad v-ring seals
- Spike resistant inverter-grade magnet wire, per NEMA MG1 Part 31

For more details, including full specifications, compliance, and all available models, visit wwec.co/PESD

How to Order

Each model number contains the horsepower rating, the RPM, and the NEMA frame size.

PEWWE 15 - 36 - 215TC
HP rating RPM/100 Frame Size

The above example would be model number "PEWWE15-36-215TC" - a 15 horsepower, 3600 RPM 215TC C-Face Premium Efficient Severe Duty Motor.

Available Models

HP	RPM	Frame
1	1200	145T, 145TC
	1800	143T, 143TC
1.5	1200	182T
	1800	145T, 145TC
	3600	143T, 143TC
2	1200	184T
	1800, 3600	145T, 145TC
3	900	215T
	1200	213T, 213TC
	1800, 3600	182T, 182TC
5	900	254T
	1200	215T, 215TC
	1800, 3600	184T, 184TC
7.5	900	256T
	1200	254T, 254TC
	1800, 3600	213T, 213TC
10	900	284T
	1200	256T, 256TC
	1800, 3600	215T, 215TC
15	900	286T
	1200	284T, 284TC
	1800	254T, 254TC
	3600	215TC, 254T, 254TC
20	900	324T
	1200	286T, 286TC
	1800, 3600	256T, 256TC

HP	RPM	Frame
25	900	326T
	1200	324T, 324TC
	1800	284T, 284TC
	3600	284TSC, 284TS
30	900	364T
	1200	326T, 326TC
	1800	286T, 286TC
	3600	286TSC, 286TS
40	900	365T
	1200	364T, 364TC
	1800	324T, 324TC
	3600	324TS
50	900	404T
	1200	365T, 365TC
	1800	326T, 326TC
	3600	326TS
60	900	405T
	1200	404T, 404TC
	1800	364T, 364TC
	3600	364TS
75	900	444T
	1200	405T, 405TC
	1800	365T, 365TC
	3600	365TSC, 365TS
100	900	445T
	1200	444T, 444TC
	1800	405T, 405TC, 405TSC
	3600	405TS

HP	RPM	Frame
125	900	445/7T
	1200	445T
	1800	444T, 444TC
	3600	444TS
150	900	449T
	1200	445/7T, 445/7TC
	1800	445T, 445TC, 445TSC
	3600	445TS
200	900	449T
	1200	449T, 449TC, 449TC, 505UZ, 505Z
	1800	445/7T, 445/7TC
	3600	445/7TS
250	900	586/7
	1200	449T, 586/7, 586/7UZ
	1800	449T, 449TC, 505UZ, 505Z
	3600	449TS
300	900	586/7, 586/7UZ
	1200	449T, 586/7, 586/7UZ
	1800	449T, 449TS, 586/7, 586/7UZ
350	1200	449T, 586/7, 586/7UZ
	1800	586/7
400	1200	586/7, 586/7UZ
	1800	586/7, 586/7UZ
450	1200	586/7
	1800	586/7
500	1200	586/7, 586/7UZ
	1800	586/7, 586/7UZ



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.