

W22 and W50 High Speed The fastest efficiency

All quality, reliability and performance known in W22 and W50 lines available for high speed applications.

WEG High Speed Motors - up to 6000 rpm

Compact motors which offer high performance and long lifetime. Since a gearbox between the drive and the load is not required, the installation and the maintenance of the motor are simple ensuring greater savings.

Benefits that make the difference

- High power density
- Low vibration levels
- Compact design
- Forced ventilation - ensures maximum thermal performance all along the speed range
- Shaft stiffness
- Ball bearings
- Grease lubrication

Features

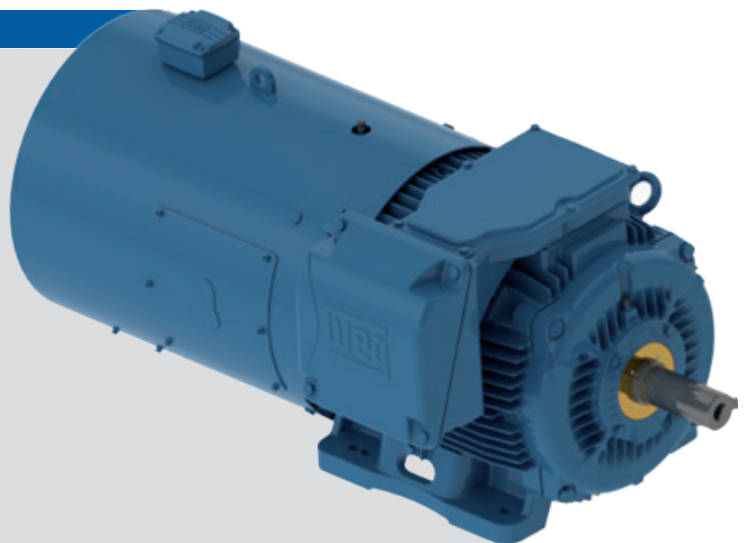
- Number of poles: 2
- Degree of protection: IP55
- Mounting: B3 (IEC) / F1 (NEMA)
- Operation: driven by frequency inverter
- Cooling method: TEBC – Totally Enclosed Blower Cooled (IC 416)
- Grease: Klubersynth BHP 72-102
- Balancing: reduced with 1/2 key
- Foot flatness according to IEEE/API
- Automatic lubricator (optional)

Applications

- Rotary screw compressors
- Centrifugal pumps
- High pressure fans
- Blowers
- Solutions for Refrigeration / Food

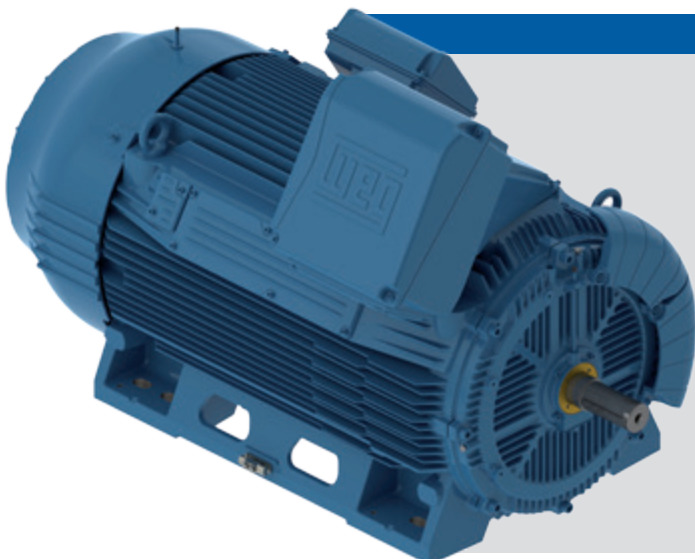
W22 line Features

- Rated output: 37kW to 500kW / 50HP to 700HP
- Frame: IEC 225S/M to 355A/B / NEMA 364/5 to 588/9
- Voltage: 380V to 690V



W50 line Features

- Rated output: 185kW to 900kW / 250HP to 1250HP
- Frame: IEC 315H/G to 450L/K / NEMA 5009/10 to 7006/07
- Voltage: 380V to 6.6kV



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