Product Scope
- Rated output: 630 up to 4,250 kW (850 up to 5,700 HP)
- Number of poles: 2 up to 6
- Frame sizes: IEC 450 up to 560 (NEMA 70 up to 88)
- Voltage: 2,300 up to 10,000 V
- Frequency: 50 or 60 Hz
- Mounting: horizontal
- Bearing type: ball bearings (sleeve bearings available)
- Cooling method: IC01, IC611 and IC81W (WP-II, TEAAC and TEWAC)
- Starting: DOL or VFD

Standard Features
- RTD Pt-100, two per phase
- RTD Pt-100, one per bearing
- Space heater
- 4140 alloy steel shaft
- Copper bars rotor

Optional Features
- Hazardous area certification:
  - ATEX / IECEx / INMETRO certified:
    - Ex na IIC T3 Gc (non-sparking)
    - Ex tb IIIC T125 °C Db (dust-ignition)
  - cCSAus certified:
    - Class I, Division 2, Groups B, C and D, T3
    - Class II, Division 2, Groups F and G, T3C
- Differential pressure switch (air cooled)
- Water leakage detector (water cooled)
- Encoder
- Automatic lubrication system (ball bearings)
- Accelerometer (ball bearings)
- Proximitors (sleeve bearings)
- Other features available upon request
W60 - Three-Phase Induction Motor

The WEG W60 motor line is designed for industrial applications such as compressors, pumps, fans and others, ensuring high performance and reliability even under the most severe operating conditions.

**Flexibility is the Key**
The W60 is available on three different configurations allowing it to be designed as an open, self ventilated (IC01, WP-II) motor, or an enclosed, air-air cooled (IC611, TEAAC) or air-water cooled (IC81W, TEWAC) motor.

**Compact Design**
With its compact design, lightweight components, reduced dimensions and footprint that saves valuable space on the skid or base where the motor is installed, the W60 is the most compact modular motor in the market.

**Severe Duty is Standard for W60**
A rugged motor, high quality cast iron frame and end shields and a true stiff shaft (no critical frequencies below rated speed) on its standard design guarantees the lowest vibration and noise levels.

**Outstanding in the Market**
WEG engineers have developed a unique product that combines the latest technology of high quality rotor and stator lamination, low losses fans and optimized heat exchanger, increasing considerably the power density rate (output per weight). This combination makes the W60 your best choice for an energy efficient motor.

**Reliability Where you Need It**
Designed to operate continuously without interruption, the W60 was conceived with unique characteristics: easy to build, easy to assemble, easy to install.

**VFD Friendly**
The W60 adapts easily to any medium voltage VFD in the market. Suitable to operate with no speed limitation up to rated speed by standard design. Works even better if combined with WEG medium voltage variable frequency drive.

**Cooling System**
- Optimized heat exchanger
- Increased air flow
- Low losses fans
- Easy assembly
- Increased mechanical strength

**Noise Suppressors**
- Noise level reduction
- Simplified assembly
- Easy maintenance

**End Shields**
- High quality cast iron
- Reinforced structure

**Bearings**
- Ball bearings as standard
- Sleeve bearings as optional

**Electrical Core**
- High quality lamination
- Energy efficient
- Increased power density ratio

**Frame**
- Rugged design
- Compact and lighter
- Smallest footprint area