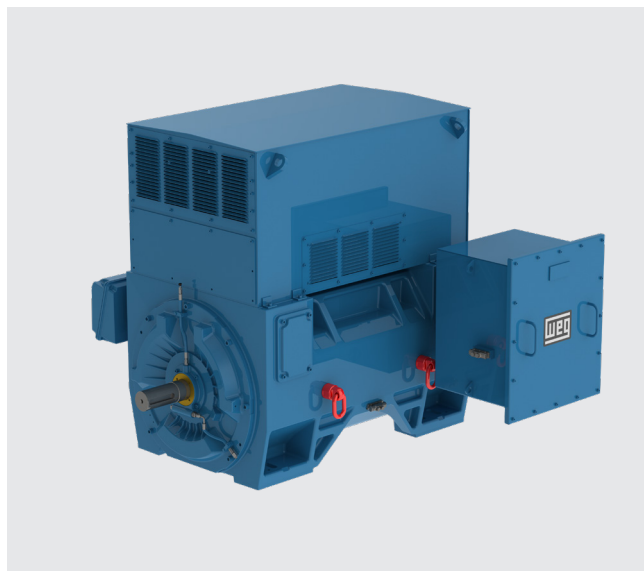## Product Scope and Features:

- Ratings:
    - o MV Motors: 300HP to 2250 HP - 2 Pole and 4 Pole 2300/4000V 60Hz
    - o LV Motors: 250HP up to 900 HP – 2 pole – 460V 60Hz
- Frame Sizes: NEMA 5000 up to 6800
- Mounting: Horizontal
- Bearing type:
    - o MV - Sleeve Bearings
    - o LV - Antifriction Bearings
- F1 mounting with field conversion from F1 to F2 mounting possible for all motors
- C5 Laminations
- Starting / Operation: DOL or VFD
- Safe Area and Hazardous Area: Class I, Div. 2, Gr. A, B, C & D, T3 (CSA)
- Suitable for D.O.L. Starting and V.F.D. Operation (10:1 VT) – VFD with sinusoidal output
- Sealed VPI insulation system (Double Impregnation) – MV motors only
- 1.15SF @ DOL at Safe Area and Hazardous Area (except, where indicated).
- Temperature Rise Class B @ 1.0 SF and Class F rise @ 1.15SF
- 85 dB(A) maximum overall average at 1 Meter noise level
- Direction of Rotation: 2P: Clockwise and Counter-clockwise (different units) and 4P: Bi-directional
- NEMA Type 2 Main Terminal Box with stand-off insulators (MV motors only)
- Stator leads length = 6ft minimum inside MTB
- Lead Entry Location Enter from the Bottom
- MTB can be rotated in 90° steps
- Provision for WEG Motor Scan
- Final Color: Blue RAL 5009
- Vertical Jacking screws and Dowel Holes
- AISI 4140 Shaft (Non-forged)
- Electrically Insulated N.D.E. bearing
- Inpro Seal (Antifriction bearings) and Mechanical seal (Sleeve bearings motors)
- Bracket Vibration Velocity 0.10 mil p-p (Precision Balance – API Levels) (except, where indicated)
- Direct coupling
- Oil Rite Constant Oil lever (one per sleeve bearing, where applicable)
- Space Heater (1 Ph/60Hz/100-127V)
- RTD Pt100 3-wires (two per phase and one per bearing)
- 0.005" feet flatness

COMING SOON WPII Stock Motors MV and LV

- **All MV stock motors will soon be available from our Houston, TX warehouse.**
- **MV Stock Brochure and Price lists are available.**
- **How are you going to start these motors? Remember that WEG has Soft-Starters and VFDs that are a perfect match for these motors.**
- **Please contact WEG for more information.**

WEG Electric Corp., Duluth, GA

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