

DATA SHEET

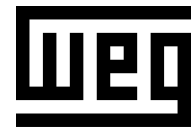


Three Phase Induction Motor - Squirrel Cage

| | | | | | |
|--|-----------------|--|--|-------------------------|----------|
| Customer : | | | | | |
| Product line | | : Rolled Steel Jet Pump - J type Premium Efficiency Three-Phase | | Product code : 13641595 | |
| Frame | : | W56J | Locked rotor time | : 36s (cold) 20s (hot) | |
| Output | : | 0.5 HP (0.37 kW) | Temperature rise | : 80 K | |
| Frequency | : | 60 Hz | Duty cycle | : Cont.(S1) | |
| Rated voltage | : | 208-230/460 V | Ambient temperature | : -20°C to +40°C | |
| Poles | : | 4 | Altitude | : 1000 m.a.s.l. | |
| Rated current | : | 1.72-1.56/0.778 A | Protection degree | : IP55 | |
| | : | 6.4x(Code J) | Cooling method | : IC411 - TEFC | |
| Rated speed | : | 1730 rpm | Mounting | : F-1 | |
| Rated torque | : | 0.210 kgfm | Rotation ¹ | : CCW | |
| Insulation class | : | F | Noise level ² | : 50.0 dB(A) | |
| Service factor | : | 1.25 | Starting method | : Direct On Line | |
| Moment of inertia (J) | : | 0.0022 kgm ² | Approx. weight ³ | : 9.5 kg | |
| Output | 25% | 50% | 75% | 100% | |
| Efficiency (%) | 0.000 | 74.0 | 77.0 | 78.5 | |
| Power Factor | 0.00 | 0.54 | 0.67 | 0.76 | |
| Foundation loads | | | | | |
| Max. traction : 16 kgf | | | | | |
| Max. compression : 25 kgf | | | | | |
| | | <u>Drive end</u> | <u>Non drive end</u> | | |
| Bearing type | : | 6203 2RS | 6202 2RS | | |
| Sealing | : | V'Ring | Without Bearing Seal | | |
| Lubrication interval | : | 0 h | 0 h | | |
| Lubricant amount | : | 0 g | 0 g | | |
| Lubricant type | : | Mobil Polyrex EM | | | |
| Notes | | | | | |
| This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. | | | These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. | | |
| Rev. | Changes Summary | | Performed | Checked | Date |
| Performed by | | | | | |
| Checked by | | | | Page | Revision |
| Date | 29/06/2026 | | | 1 / 2 | |

LOAD PERFORMANCE CURVE

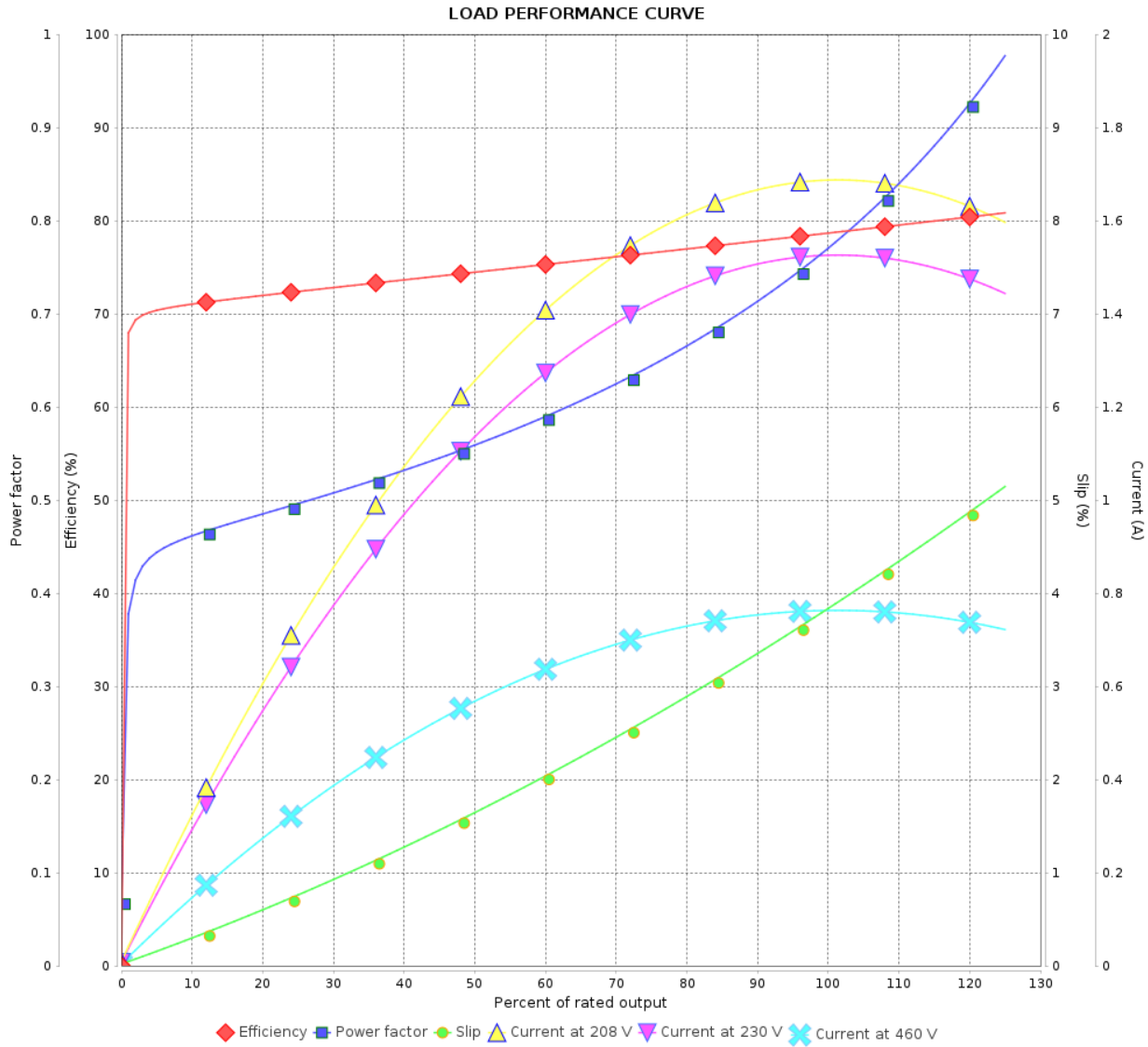
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Premium Efficiency Three-Phase

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