

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

| | | | | | |
|--|-------------------------|--|--|-------------------------|----------|
| Customer : | | | | | |
| Product line | | : W22 NEMA Premium Efficiency Three-Phase | | Product code : 13827808 | |
| Frame | : 586/7TZ | | Locked rotor time | : 45s (cold) 25s (hot) | |
| Output | : 350 HP (260 kW) | | Temperature rise | : 80 K | |
| Frequency | : 60 Hz | | Duty cycle | : Cont.(S1) | |
| Rated voltage | : 575 V | | Ambient temperature | : -20°C to +40°C | |
| Poles | : 4 | | Altitude | : 1000 m.a.s.l. | |
| Rated current | : 327 A | | Protection degree | : IP55 | |
| | : 7.5x(Code H) | | Cooling method | : IC411 - TEFC | |
| Rated speed | : 1786 rpm | | Mounting | : F-1 | |
| Rated torque | : 142 kgfm | | Rotation ¹ | : Both (CW and CCW) | |
| Insulation class | : F | | Noise level ² | : 78.0 dB(A) | |
| Service factor | : 1.15 | | Starting method | : Direct On Line | |
| Moment of inertia (J) | : 7.49 kgm ² | | Approx. weight ³ | : 1567 kg | |
| Design | : A | | | | |
| Output | 25% | 50% | 75% | 100% | |
| Efficiency (%) | 0.000 | 95.8 | 96.2 | 96.2 | |
| Power Factor | 0.00 | 0.68 | 0.79 | 0.83 | |
| Foundation loads | | | | | |
| Max. traction : 1845 kgf | | | | | |
| Max. compression : 3412 kgf | | | | | |
| | | <u>Drive end</u> | <u>Non drive end</u> | | |
| Bearing type | : | NU-324 C3 | 6319 C3 | | |
| Sealing | : | Taconite Labyrinth | Taconite Labyrinth | | |
| Lubrication interval | : | 3000 h | 8000 h | | |
| Lubricant amount | : | 72 g | 45 g | | |
| Lubricant type | : | Mobil Polyrex EM | | | |
| Notes | | | | | |
| W22 NEMA Premium Efficiency Crusher Duty | | | | | |
| 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. | | |
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Customer : _____

Space heater information

Voltage: 200 - 240 V

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LOAD PERFORMANCE CURVE

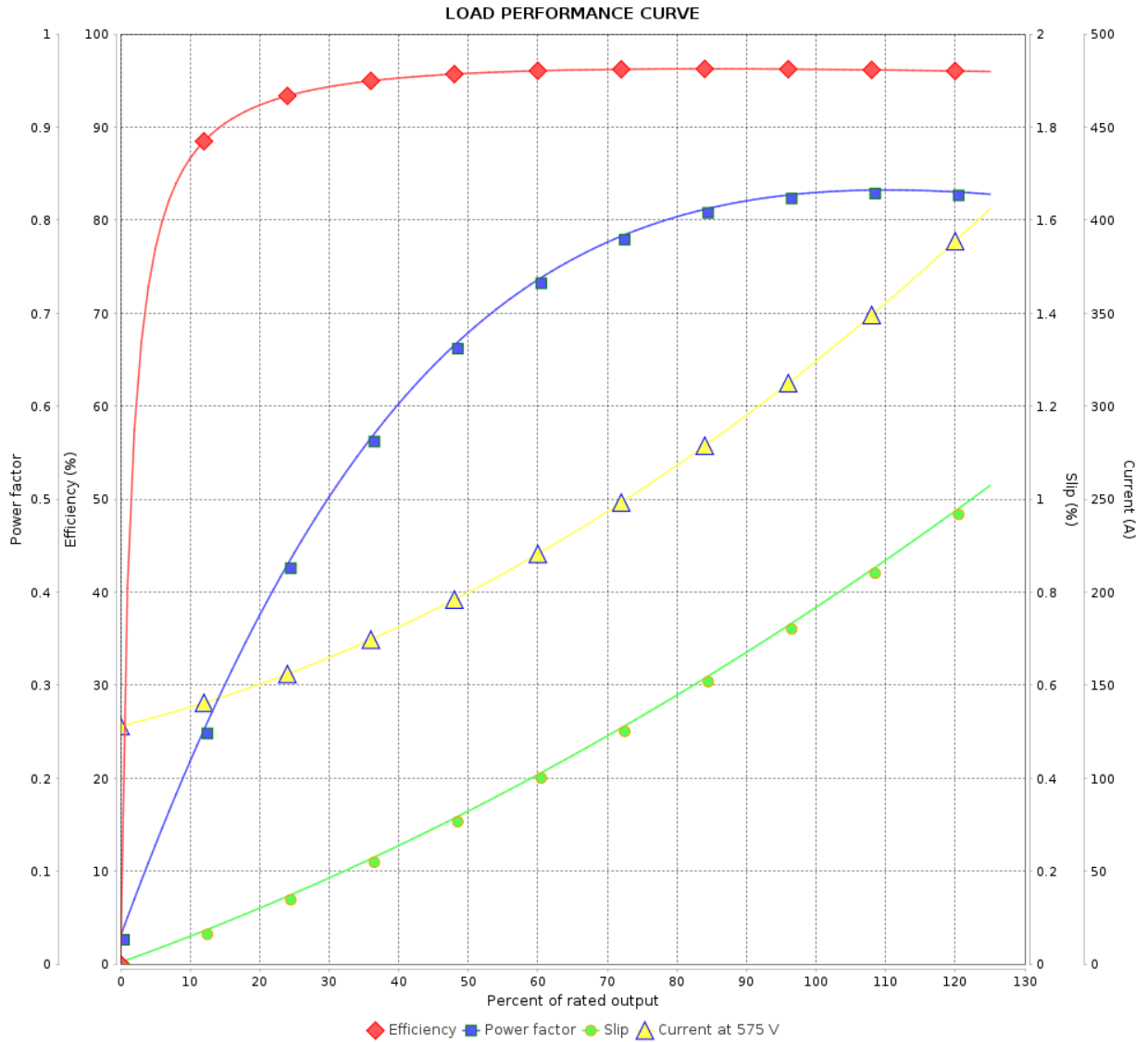
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Customer : _____

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 13827808



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