DATA SHEET

Three Phase Induction Motor - Squirrel Cage



: Dealers Industrial Equipment 800-469-3110

: 02018OT3H256JM-W40 Customer reference

Product line : W40 JM Pump NEMA Premium Product code: 14483427

Efficiency Three-Phase

Catalog #: 02018OT3H256JM-W40

: 303 lb

Frame : 254/6JM Locked rotor time : 21s (cold) 12s (hot)

Output : 20 HP (15 kW) Temperature rise : 80 K Poles Duty cycle : Cont.(S1) : -20°C to +40°C Frequency : 60 Hz Ambient temperature Rated voltage : 575 V : 1000 m.a.s.l. Altitude Rated current : 19.3 A Protection degree : IP23 L. R. Amperes

: 123 A Cooling method : IC01 - ODP : 6.4x(Code G) Mounting : F-1

No load current : 8.00 A Rotation¹ : Both (CW and CCW) Rated speed : 1765 rpm Noise level² : 62.0 dB(A) Starting method Slip : 1.94 % : Direct On Line

Rated torque : 58.7 ft.lb Approx. weight³ Locked rotor torque : 220 % Breakdown torque : 280 % Insulation class : F Service factor : 1.25

Design 25% 50% 75% 100% Output Foundation loads Efficiency (%) 92.2 92.4 93.0 93.0 Max. traction

0.79

: 3.13 sq.ft.lb

: B

0.69

Non drive end Drive end 6309 Z C3 Bearing type 6209 Z C3

0.84

Max. compression

Sealing Without Bearing Seal Without Bearing Seal Lubrication interval 20000 h 20000 h

Lubricant amount 13 g 9 g

Lubricant type Mobil Polyrex EM

Notes

LRC

Moment of inertia (J)

Power Factor

downloaded from http://dealerselectric.com

0.43

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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LOAD PERFORMANCE CURVE

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Customer : Dealers Industrial Equipment 800-469-3110

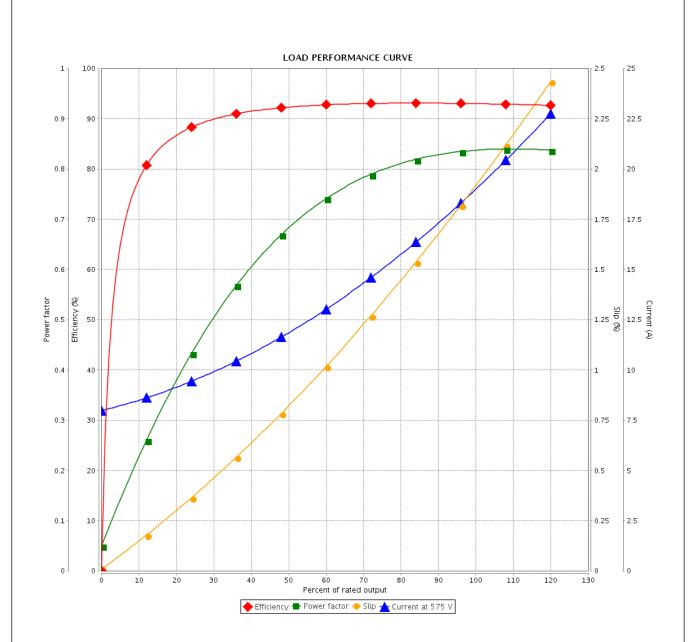
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Performance	: 575 V 60 Hz 4P							
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 19.3 A : 6.4 : 58.7 ft.lb : 220 % : 280 % : 1765 rpm	Moment of Duty cycle Insulation Service fa Temperat Design	class actor	: 3.13 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B				
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