DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 14829571

Product line : W40 JP Pump High Efficiency Product code : 14829571

Three-Phase

Catalog #: 06018OP3VFP364JPV-W4

Frame : 364/5JP Locked rotor time : 39s (cold) 22s (hot)

Output : 60 HP (45 kW) Temperature rise : 80 K Poles Duty cycle : Cont.(S1) : -20°C to +40°C Frequency : 60 Hz Ambient temperature Rated voltage : 200/400 V : 1000 m.a.s.l. Altitude Rated current : 163/81.7 A Protection degree : IP23

L. R. Amperes : 1000/498 A Cooling method : IC01 - ODP LRC : 6.1x(Code G) Mounting : W-6

No load current : 52.9/26.5 A Rotation¹ : Both (CW and CCW)
Rated speed : 1777 rpm Starting method : Direct On Line

Slip : 1.28 % Approx. weight³ : 723 lb

Rated torque : 175 ft.lb
Locked rotor torque : 180 %
Breakdown torque : 229 %
Insulation class : F
Service factor : 1.15

Moment of inertia (J) : 12.8 sq.ft.lb Design : B

 Output
 25%
 50%
 75%
 100%
 Foundation loads

 Efficiency (%)
 92.9
 93.0
 93.6
 93.6
 Max. traction
 : 1036 lb

 Power Factor
 0.49
 0.73
 0.82
 0.85
 Max. compression
 : 1759 lb

 Drive end
 Non drive end

Bearing type : 6314 C3 6212 Z C3
Sealing : Without Bearing Seal Without Bearing Seal

Lubrication interval : 19579 h 20000 h Lubricant amount : 27 g 13 g

Lubricant type : Mobil Polyrex EM

Notes

downloaded from http://dealerselectric.com

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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Revision

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Checked by

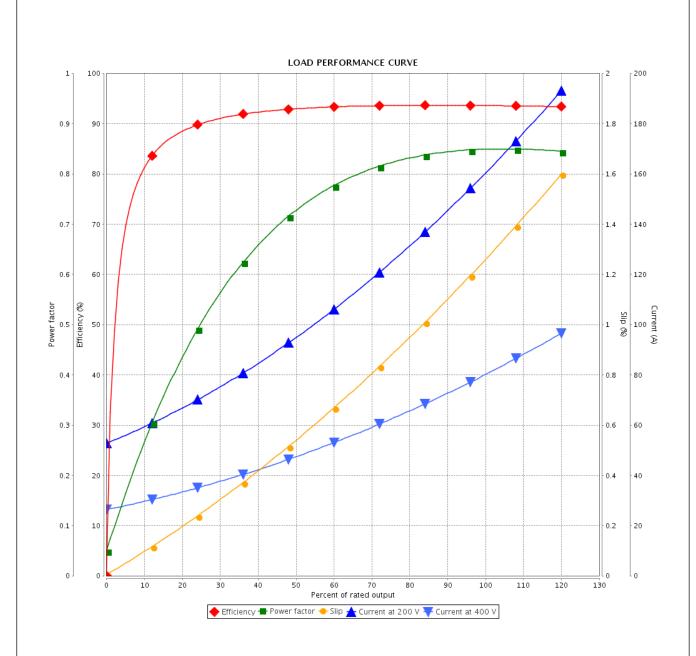
Date

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Performance	: 20	00/400 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 6. : 17 jue : 18 ie : 22	: 6.1 Dut : 175 ft.lb Ins : 180 % Set		f inertia (J) e class ctor ure rise	: 12.8 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Rev.	Changes Summary			Performed	Checked	Date
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