DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 14829568

Product line : W40 JP Pump High Efficiency Product code : 14829568

Three-Phase

Catalog #: 06018OP3EFP364JPV-W4

: Cont.(S1)

Frame : 364/5JP Locked rotor time : 39s (cold) 22s (hot)
Output : 60 HP (45 kW) Temperature rise : 80 K

Output : 60 HP (45 kW) Temperature rise
Poles : 4 Duty cycle
Frequency : 60 Hz Ambient temperature

: -20°C to +40°C Rated voltage : 208-230/460 V : 1000 m.a.s.l. Altitude Rated current : 157-142/71.0 A Protection degree : IP23 L. R. Amperes : 958-866/433 A Cooling method : IC01 - ODP LRC : 6.1x(Code G) Mounting : W-6

No load current : 39.7-46.0/23.0 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

25% 50% 75% 100% Output Foundation loads Efficiency (%) 92.9 93.0 93.6 93.6 Max. traction : 1249 lb Power Factor 0.49 0.73 0.82 0.85 Max. compression : 1972 lb

Lubricant amount : 27 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.

13 g

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LOAD PERFORMANCE CURVE

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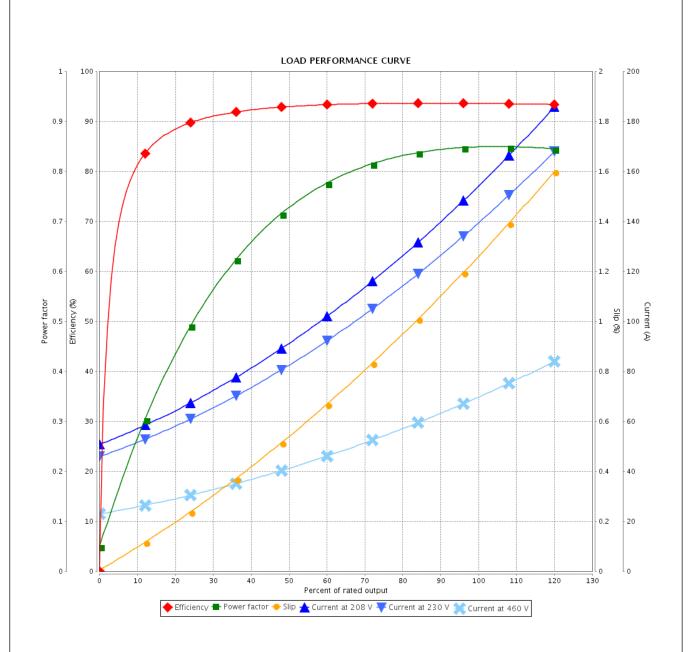
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Performance		: 208-230/460 V 60 Hz	4P			
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	•	: 157-142/71.0 A : 6.1 : 175 ft.lb : 180 % : 229 % : 1777 rpm	Moment of Duty cycle Insulation Service fa Temperat Design	ı class actor	: 12.8 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
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