DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 15036OT3G405JP-W40

Product line : W40 JP Pump NEMA Premium Product code : 14270658

Efficiency Three-Phase

Catalog #: 15036OT3G405JP-W40

Frame : 404/5JP Locked rotor time : 16s (cold) 9s (hot)

Output : 150 HP (110 kW) Temperature rise : 80 K
Poles : 2 Duty cycle : Cont.(S1)
Frequency : 60 Hz Ambient temperature : -20°C to +40°C
Rated voltage : 460 V Altitude : 1000 m.a.s.l.

Rated current : 167 A Protection degree : IP23
L. R. Amperes : 1102 A Cooling method : IC01 - ODP
LRC : 6.6x(Code G) Mounting : F-1

No load current : 45.0 A Rotation¹ : Both (CW and CCW)
Rated speed : 3555 rpm Noise level² : 84.0 dB(A)

Slip : 1.25 % Starting method : Direct On Line

Slip : 1.25 % Starting method : Direct On Line Rated torque : 219 ft.lb Approx. weight³ : 931 lb : 0.000 %

Breakdown torque : 250 %
Insulation class : F
Service factor : 1.25
Moment of inertia (J) : 8.80 sq.ft.lb

Design : B

25% 50% 75% 100% Output Foundation loads Efficiency (%) 93.5 93.6 94.1 94.1 Max. traction : 1446 lb Power Factor 0.88 0.56 0.79 0.86 Max. compression : 2377 lb

Drive endNon drive endBearing type: 6314 C36212 Z C3Sealing: Without Bearing SealWithout Bearing SealLubrication interval: 14418 h20000 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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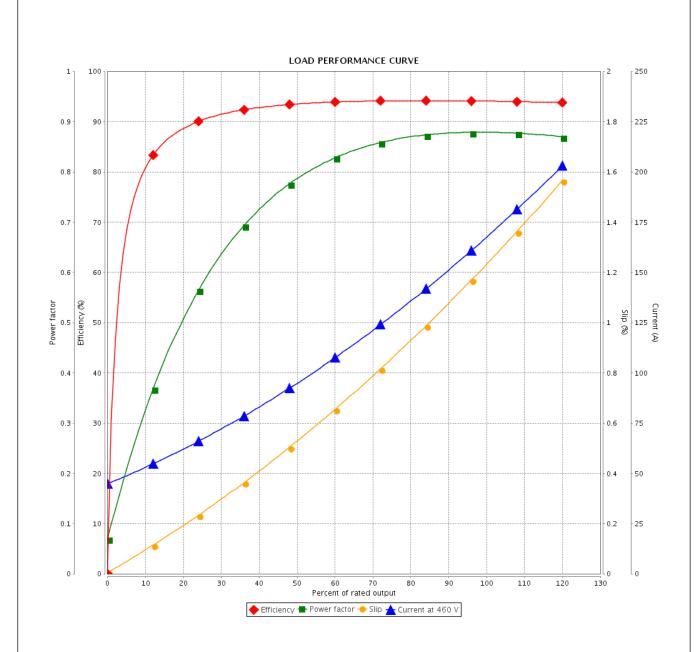
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Performance	: 460 V 60 Hz 2P	: 460 V 60 Hz 2P						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 8.80 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B					
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16/04/2019

Date

