DATA SHEET

Three Phase Induction Motor - Squirrel Cage



: Dealers Industrial Equipment 800-469-3110

Customer reference : 14832530

Product line : W40 JM Pump High Efficiency Product code: 14832530

Three-Phase

06036OP3HFP326JMV-Catalog #:

Frame : 324/6JM Output : 60 HP (45 kW)

Poles : 2 Frequency : 60 Hz Rated voltage : 575 V Rated current : 56.5 A L. R. Amperes : 333 A

LRC : 5.9x(Code F) No load current : 16.2 A Rated speed : 3555 rpm Slip : 1.25 % Rated torque : 87.4 ft.lb

: 180 % Locked rotor torque Breakdown torque : 200 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 3.41 sq.ft.lb Design : B

Locked rotor time : 30s (cold) 17s (hot) Temperature rise : 80 K

Duty cycle : Cont.(S1) : -20°C to +40°C Ambient temperature Altitude : 1000 m.a.s.l.

Protection degree : IP23 : IC01 - ODP Cooling method Mounting : W-6

Rotation¹ : Both (CW and CCW) Starting method : Direct On Line

Approx. weight³ : 490 lb

Output 25% 50% 75% 100% Foundation loads Efficiency (%) 92.3 92.4 93.0 93.0 Max. traction Power Factor 0.54 0.78 0.84 0.86 Max. compression

Non drive end Drive end Bearing type 6312 Z C3 6211 Z C3 Without Bearing Seal Without Bearing Seal Sealing Lubrication interval 9829 h 14226 h

Lubricant amount 21 g 11 g

Mobil Polyrex EM Lubricant type

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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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Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Data	16/04/2019			1/2	

LOAD PERFORMANCE CURVE

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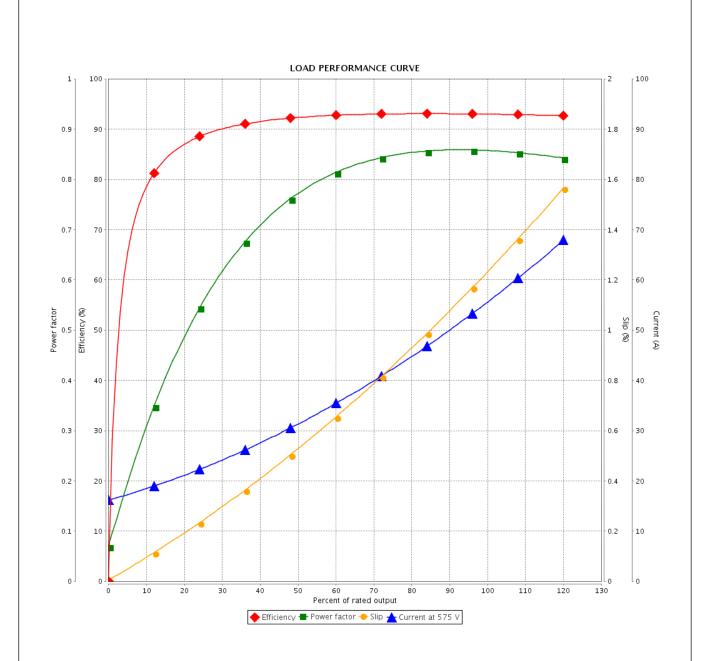
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Catalog #: 06036OP3HFP326JMV-

W4



Performance	:	575 V 60 Hz 2P					
Rated current		: 56.5 A Moment o		of inertia (J)	: 3.41 sq.ft.lb		
LRC	:	.9 Duty cycle		: Cont.(S1)			
Rated torque	:	: 87.4 ft.lb Insi		class	: F : 1.15		
Locked rotor torqu	ue :			actor			
Breakdown torque	e :	200 %	Temperat	Temperature rise		: 80 K	
Rated speed	:	: 3555 rpm		Design			
Rev.	Changes Summary			Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	16/04/2019				2/2		

