## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



: Dealers Industrial Equipment 800-469-3110

Customer reference : 14832532

Product line : W40 JM Pump High Efficiency Product code: 14832532

Three-Phase

06036OP3VFP326JMV-Catalog #:

: 30s (cold) 17s (hot)

Frame : 324/6JM

Output : 60 HP (45 kW) Poles : 2 Frequency : 60 Hz : 200/400 V Rated voltage Rated current : 162/81.2 A L. R. Amperes : 958/479 A **LRC** 

: 5.9x(Code F) No load current : 46.7/23.3 A Rated speed : 3555 rpm Slip : 1.25 % Rated torque : 87.4 ft.lb

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

> 25% 50% 75% 100% 92.3 92.4 93.0 93.0

Locked rotor time

Temperature rise : 80 K Duty cycle : Cont.(S1) : -20°C to +40°C Ambient temperature : 1000 m.a.s.l.

Altitude

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

Rotation<sup>1</sup> : Both (CW and CCW) Starting method : Direct On Line

Approx. weight3 : 490 lb

Non drive end

6211 Z C3

Without Bearing Seal

14226 h

Output Foundation loads Efficiency (%) Max. traction Power Factor 0.54 0.78 0.84 0.86 Max. compression

Drive end Bearing type 6312 Z C3 Without Bearing Seal Sealing Lubrication interval 9829 h

Lubricant amount 21 g 11 g

Lubricant type Mobil Polyrex EM

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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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## LOAD PERFORMANCE CURVE

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Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 14832532

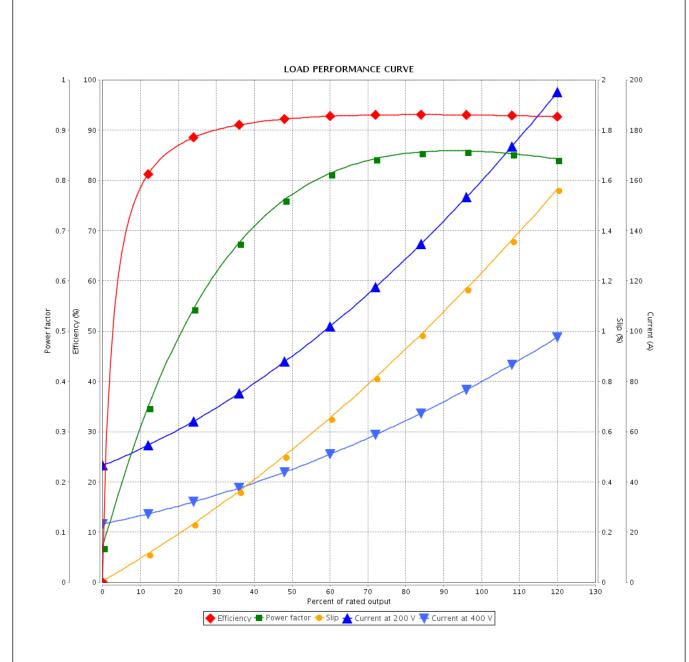
Product line : W40 JM Pump High Efficiency Product code : 14832532

Three-Phase

Catalog #: 06036OP3VFP326JMV-

W4

2/2



Performance	: 200/400 V 60 Hz 2P	: 200/400 V 60 Hz 2P						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 162/81.2 A : 5.9 : 87.4 ft.lb : 180 % : 200 % : 3555 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 3.41 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B				
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16/04/2019

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