## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 14832408

Product line : W40 JM Pump High Efficiency Product code : 14832408

Three-Phase

Catalog #: 03018OP3HFP286JMV-

W4

: Cont.(S1) : -20°C to +40°C

: IP23 : IC01 - ODP

: W-6

: 381 lb

: 1000 m.a.s.l.

: Direct On Line

: Both (CW and CCW)

Frame : 284/6JM Locked rotor time : 39s (cold) 22s (hot)
Output : 30 HP (22 kW) Temperature rise : 80 K

Duty cycle

Altitude

Mounting

Rotation<sup>1</sup>

Ambient temperature

Protection degree

Cooling method

Starting method

Approx. weight3

Foundation loads

Max. compression

Max. traction

Poles : 4
Frequency : 60 Hz
Rated voltage : 575 V
Rated current : 28.5 A
L. R. Amperes : 179 A

 L. R. Amperes
 : 179 A

 LRC
 : 6.3x(Code G)

 No load current
 : 8.80 A

 Rated speed
 : 1765 rpm

 Slip
 : 1.94 %

 Rated torque
 : 88.1 ft.lb

Rated torque : 88.1 ft.lb
Locked rotor torque : 250 %
Breakdown torque : 250 %
Insulation class : F
Service factor : 1.15
Moment of inertia (J) : 3.70 sq.ft.lb

Design : B

Output 25% 50% 75% 100% Efficiency (%) 91.5 91.7 92.4 92.4 Power Factor 0.49 0.71 0.80 0.84 Drive end

Non drive end 6211 Z C3 Without Bearing Seal

Lubrication interval:20000 h20000 hLubricant amount:18 g11 g

6311 Z C3

Without Bearing Seal

Lubricant type : Mobil Polyrex EM

Notes

Bearing type

Sealing

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.

Rev.		Changes Summary	Performed	Checked	Date
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Date	16/04/2019			1/2	

## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage



Revision

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Customer : Dealers Industrial Equipment 800-469-3110

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Checked by

Date

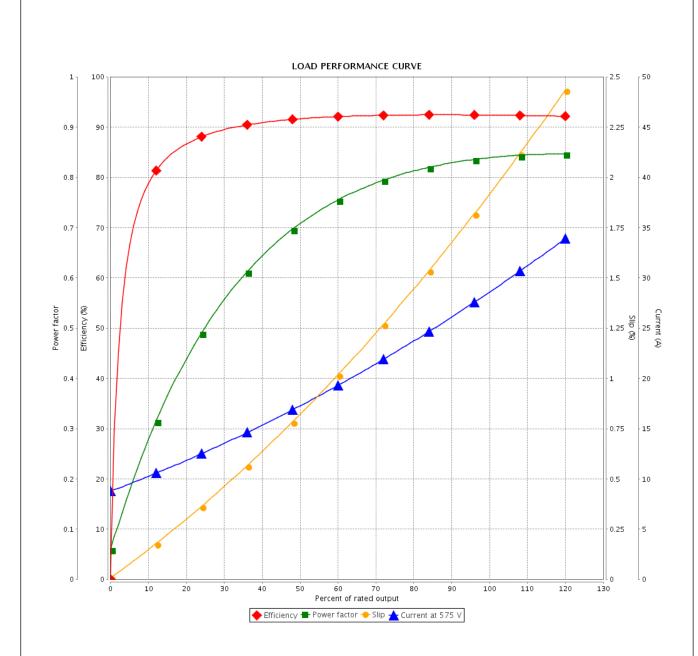
16/04/2019

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W4



Performance		: 575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 28.5 A : 6.3 : 88.1 ft.lb : 250 % : 250 % : 1765 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 3.70 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Rev.	Changes Summary			Performed	Checked	Date
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