## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 14836811

Product line : W40 JP Pump NEMA Premium Product code : 14836811

Efficiency Three-Phase

Catalog #: 07518OT3E365JPV-W40

: Cont.(S1) : -20°C to +40°C

: IP23

: W-6

: 811 lb

: 1000 m.a.s.l.

: IC01 - ODP

: 69.0 dB(A)

: Direct On Line

: Both (CW and CCW)

Frame : 364/5JP Locked rotor time : 25s (cold) 14s (hot)
Output : 75 HP (55 kW) Temperature rise : 80 K

Duty cycle

Altitude

Mounting

Rotation<sup>1</sup>

Noise level<sup>2</sup>

Ambient temperature

Protection degree

Cooling method

Starting method

Approx. weight<sup>3</sup>

Output : 75 HP (55 kW)
Poles : 4
Frequency : 60 Hz

Rated voltage : 208-230/460 V
Rated current : 189-171/85.5 A
L. R. Amperes : 1286-1163/581 A
LRC : 6.8x(Code G)

 LRC
 : 6.8x(Code G)

 No load current
 : 52.6-61.0/30.5 A

 Rated speed
 : 1780 rpm

 Slip
 : 1.11 %

 Rated torque
 : 218 ft.lb

 Locked rotor torque
 : 220 %

Locked rotor torque : 220 %
Breakdown torque : 260 %
Insulation class : F
Service factor : 1.25
Moment of inertia (J) : 16.8 sq.ft.lb
Design : B

Output 25% 50% 75% 100% Foundation loads

Efficiency (%) 94.4 94.5 95.0 95.0 Max. traction : 1632 lb Power Factor 0.48 0.73 0.82 0.85 Max. compression : 2443 lb

Lubricant amount : 1337311 20000 11

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.

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

## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage



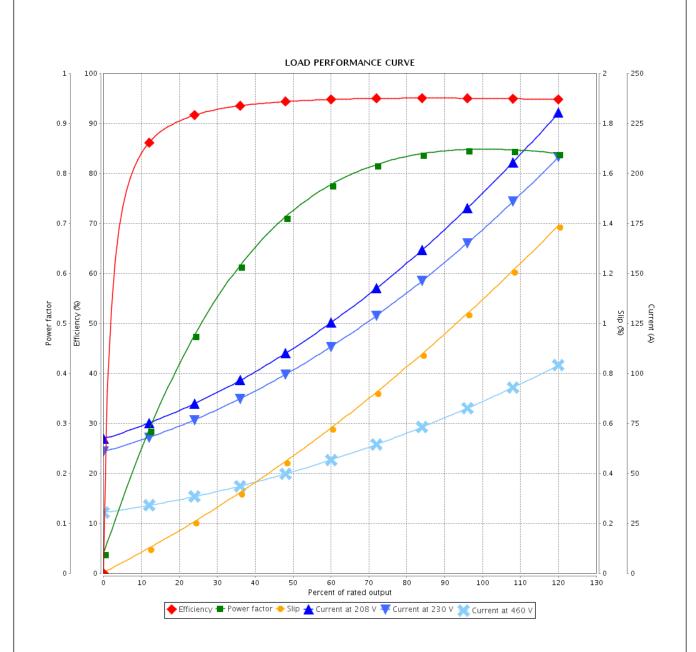
Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 14836811

Product line : W40 JP Pump NEMA Premium Product code : 14836811

Efficiency Three-Phase

Catalog #: 07518OT3E365JPV-W40



Performance	: 2	08-230/460 V 60 Hz 4	1P			
Rated current		189-171/85.5 A Moment o		of inertia (J)	: 16.8 sq.ft.lb	
LRC		.8 Duty cycle		: Cont.(S1)		
Rated torque		18 ft.lb Insulation class		: F		
Locked rotor torque		20 %	Service factor		: 1.25	
Breakdown torqu	ue : 2	60 %	Temperature rise		: 80 K	
Rated speed	: 1	1780 rpm De			: B	
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	16/04/2019	1			2/2	

