

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer		: Dealers Industrial Equipment 800-469-3110			
Customer reference		: 07512OT3E405JP-W40			
Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code : 14270424	
				Catalog # : 07512OT3E405JP-W40	
Frame		: 404/5JP		Locked rotor time	
Output		: 75 HP (55 kW)		: 19s (cold) 11s (hot)	
Poles		: 6		Temperature rise	
Frequency		: 60 Hz		: 80 K	
Rated voltage		: 208-230/460 V		Duty cycle	
Rated current		: 190-172/85.9 A		: Cont.(S1)	
L. R. Amperes		: 1273-1151/576 A		Ambient temperature	
LRC		: 6.7x(Code G)		: -20°C to +40°C	
No load current		: 51.7-60.0/30.0 A		Altitude	
Rated speed		: 1185 rpm		: 1000 m.a.s.l.	
Slip		: 1.25 %		Protection degree	
Rated torque		: 328 ft.lb		: IP23	
Locked rotor torque		: 240 %		Cooling method	
Breakdown torque		: 270 %		: IC01 - ODP	
Insulation class		: F		Mounting	
Service factor		: 1.25		: F-1	
Moment of inertia (J)		: 31.6 sq.ft.lb		Rotation ¹	
Design		: B		: Both (CW and CCW)	
				Noise level ²	
				: 68.0 dB(A)	
				Starting method	
				: Direct On Line	
				Approx. weight ³	
				: 1008 lb	
Output		25%	50%	75%	100%
Efficiency (%)		94.0	94.1	94.5	94.5
Power Factor		0.47	0.72	0.81	0.85
		Foundation loads			
		Max. traction			
		: 2374 lb			
		Max. compression			
		: 3382 lb			
		<u>Drive end</u>		<u>Non drive end</u>	
Bearing type		: 6314 C3		6212 Z C3	
Sealing		: Without Bearing Seal		Without Bearing Seal	
Lubrication interval		: 20000 h		20000 h	
Lubricant amount		: 27 g		13 g	
Lubricant type		: Mobil Polyrex EM			
Notes					
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This revision replaces and cancel the previous one, which must be eliminated.			These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.		
(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.					
Rev.	Changes Summary			Performed	Checked
Performed by					
Checked by				Page	Revision
Date	14/04/2019			1 / 2	

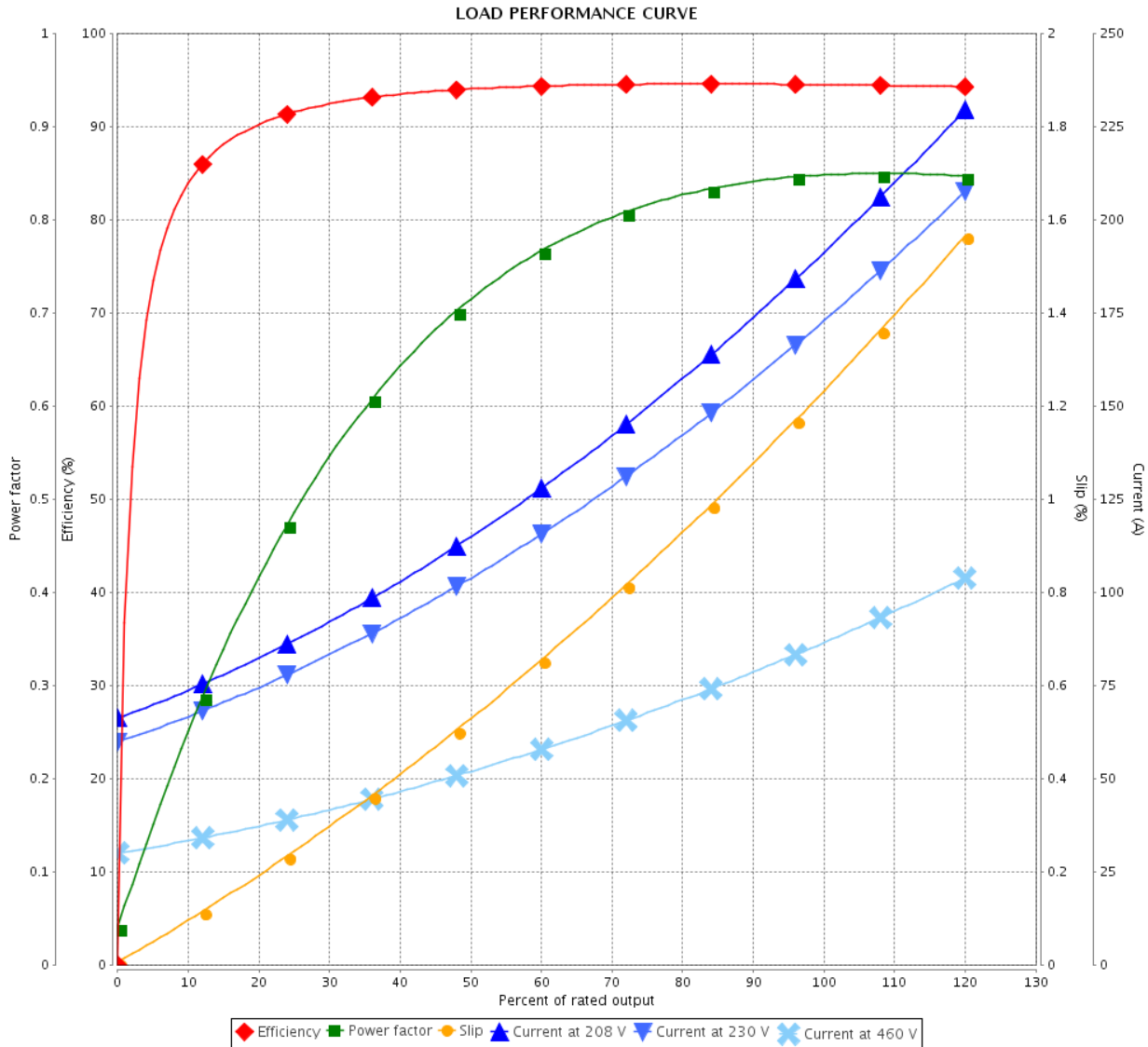
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Product line : W40 JP Pump NEMA Premium Efficiency Three-Phase Product code : 14270424
 Catalog # : 07512OT3E405JP-W40



Performance : 208-230/460 V 60 Hz 6P

Rated current : 190-172/85.9 A	Moment of inertia (J) : 31.6 sq.ft.lb
LRC : 6.7	Duty cycle : Cont.(S1)
Rated torque : 328 ft.lb	Insulation class : F
Locked rotor torque : 240 %	Service factor : 1.25
Breakdown torque : 270 %	Temperature rise : 80 K
Rated speed : 1185 rpm	Design : B

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