DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer		:				
Product line		: JP Pump NEMA Premium Efficiency Three-Phase			Product code :	13482983
			·		Catalog # :	01536OT3V215JP-S
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inert	rque Jue	: 15 : 2 : 60 : 200 : 39.0 : 269 : 6.8: : 14 : 353 : 1.8 : 22 : 210 : 280 : F : 1.1! : 0.55	0/400 V 6/19.8 A 0/135 A x(Code G) 2/7.09 A 85 rpm 1 % 3 ft.lb 0 %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 14s (cold) 8s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 66.0 dB(A) : Direct On Line : 145 lb
Design	25%	: B 50%	75%	100%	Foundation loads	
Output Efficiency (%)	90.1	90.2	90.2	90.2	Max. traction	: 279 lb
Power Factor	0.50	0.77	0.86	0.89	Max. compression	: 424 lb
Bearing type Sealing Lubrication inte	rval	: : :	62	e end 09 ZZ Bearing Seal	Non drive end 6206 ZZ Without Bearing	

Mobil Polyrex EM

Notes

Lubricant amount Lubricant type

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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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



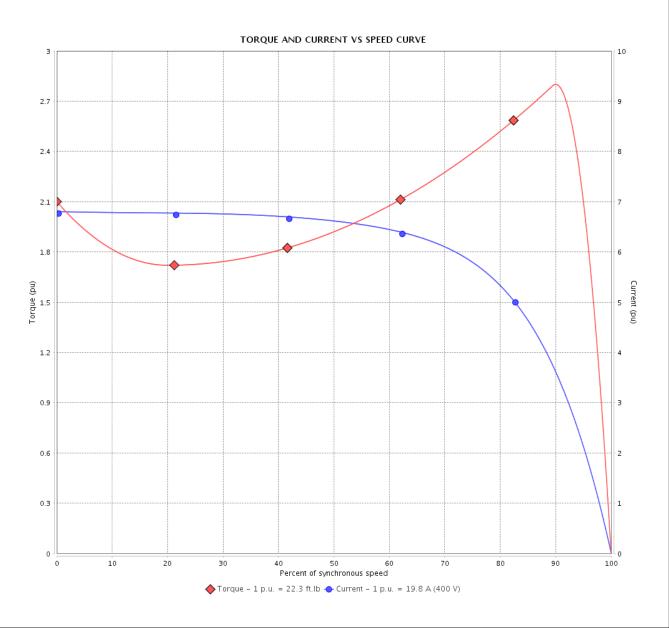
Customer :

Product line : JP Pump NEMA Premium

Efficiency Three-Phase

Product code: 13482983

Catalog #: 01536OT3V215JP-S



Performance : 200/400 V 60 Hz 2P Rated current : 39.6/19.8 A Moment of inertia (J) : 0.5512 sq.ft.lb **LRC** : 6.8 Duty cycle : Cont.(S1) : F : 22.3 ft.lb Insulation class Rated torque Service factor : 1.15 Locked rotor torque : 210 % Breakdown torque : 280 % Temperature rise : 80 K Rated speed : 3535 rpm Design : B

Locked rotor time : 14s (cold) 8s (hot)

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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



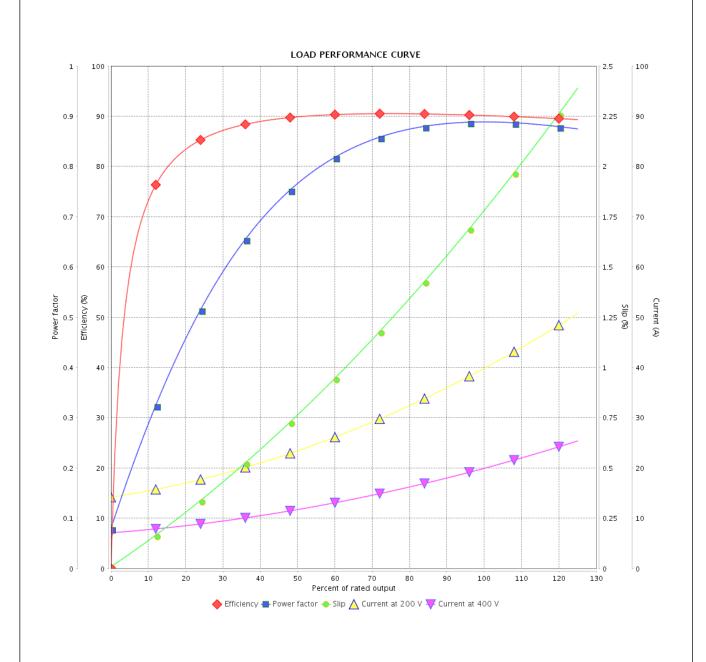
Customer

Product line : JP Pump NEMA Premium

Efficiency Three-Phase

Product code: 13482983

Catalog #: 01536OT3V215JP-S



Performance	: 2	: 200/400 V 60 Hz 2P					
Rated current	: 3	39.6/19.8 A Moment of inerti		f inertia (J)	tia (J) : 0.5512 sq.ft.lb		
LRC		8.8	Duty cycle		: Cont.(S1)		
Rated torque	: 2	22.3 ft.lb	Insulation class		: F		
Locked rotor torque	e : 2	210 %	Service factor		: 1.15		
Breakdown torque	: 2	280 %	Temperature rise		: 80 K		
Rated speed	: 3	3535 rpm	Design		: B		
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



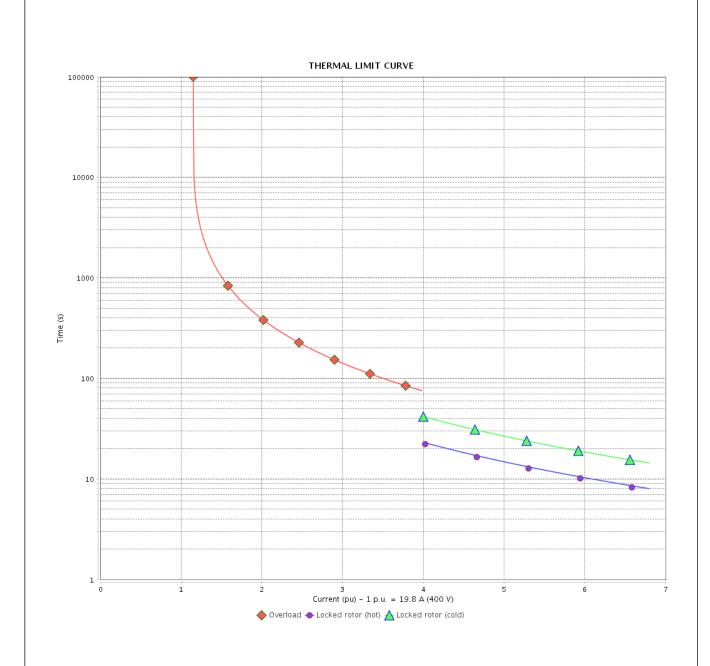
Customer	:				·	
Product line	:.	JP Pump NEMA Premium	1	Product code :	13482983	
	E [.]	fficiency Three-Phase		Catalog # :	01536OT3V2	915 IP-S
					0100001012	.1001 -0
Performance	: 20	00/400 V 60 Hz 2P				
Rated current		9.6/19.8 A	Moment o	f inertia (J)	: 0.5512 sq.ft.l	b
LRC Rated torque	: 6. : 22	.8 2.3 ft.lb	Duty cycle Insulation	: class	: Cont.(S1) : F	
Locked rotor torqu	ue : 2 ⁻	10 %	Service fa	ctor	: 1.15	
Breakdown torque Rated speed		80 % 535 rpm	Temperatu Design	ıre rise	: 80 K : B	
		· r ····				
Heating constant Cooling constant						
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer



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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

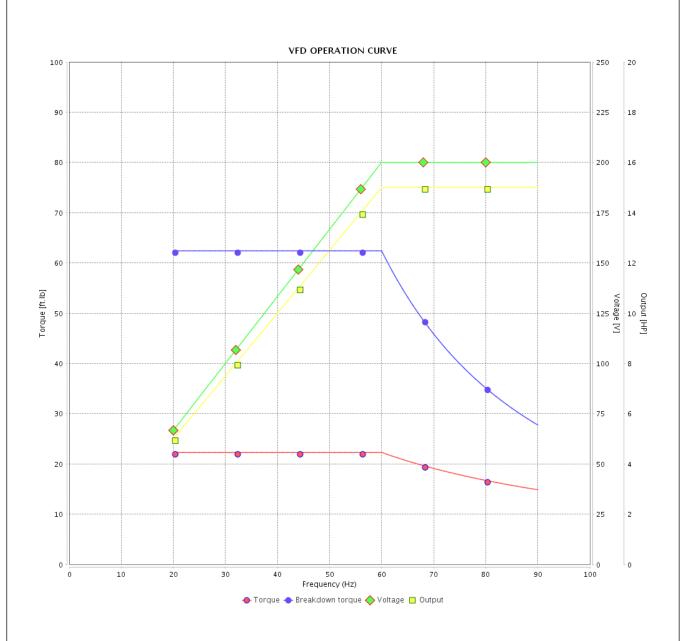
13/04/2022

Product line : JP Pump NEMA Premium

Efficiency Three-Phase

Product code: 13482983

Catalog #: 01536OT3V215JP-S



Performance	: 200/400 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 39.6/19.8 A : 6.8 : 22.3 ft.lb : 210 % : 280 % : 3535 rpm	: 6.8 Duty cycle : 22.3 ft.lb Insulation of Service face : 280 % Temperatur		e : Cont.(S1) class : F actor : 1.15	
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Revision

