

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line		: JM Pump NEMA Premium Efficiency Three-Phase	Product code : 13352715	
Frame		: 254/6JM	Cooling method : IC01 - ODP	
Insulation class		: F	Mounting : W-6	
Duty cycle		: Cont.(S1)	Rotation ¹ : Both (CW and CCW)	
Ambient temperature		: -20°C to +40°C	Starting method : Direct On Line	
Altitude		: 1000 m.a.s.l.	Approx. weight ³ : 90.9 kg	
Design		: B	Moment of inertia (J) : 0.0767 kgm ²	
Output [HP]		15		
Poles		4		
Frequency [Hz]		60		
Rated voltage [V]		575		
Rated current [A]		14.9		
L. R. Amperes [A]		100		
LRC [A]		6.7x(Code H)		
No load current [A]		7.60		
Rated speed [RPM]		1775		
Slip [%]		1.39		
Rated torque [kgfm]		6.13		
Locked rotor torque [%]		240		
Breakdown torque [%]		300		
Service factor		1.15		
Temperature rise		80 K		
Locked rotor time		30s (cold) 17s (hot)		
Noise level ²		64.0 dB(A)		
Efficiency (%)	25%			
	50%	91.7		
	75%	92.4		
	100%	93.0		
Power Factor	25%			
	50%	0.62		
	75%	0.73		
	100%	0.80		
Bearing type		: Drive end 6309 Z C3 Non drive end 6208 Z C3	Foundation loads	
Sealing		: Without Without Bearing Seal Bearing Seal	Max. traction : 244 kgf	
Lubrication interval		: 20000 h 20000 h	Max. compression : 335 kgf	
Lubricant amount		: 13 g 8 g		
Lubricant type		: Mobil Polyrex EM		
Notes				
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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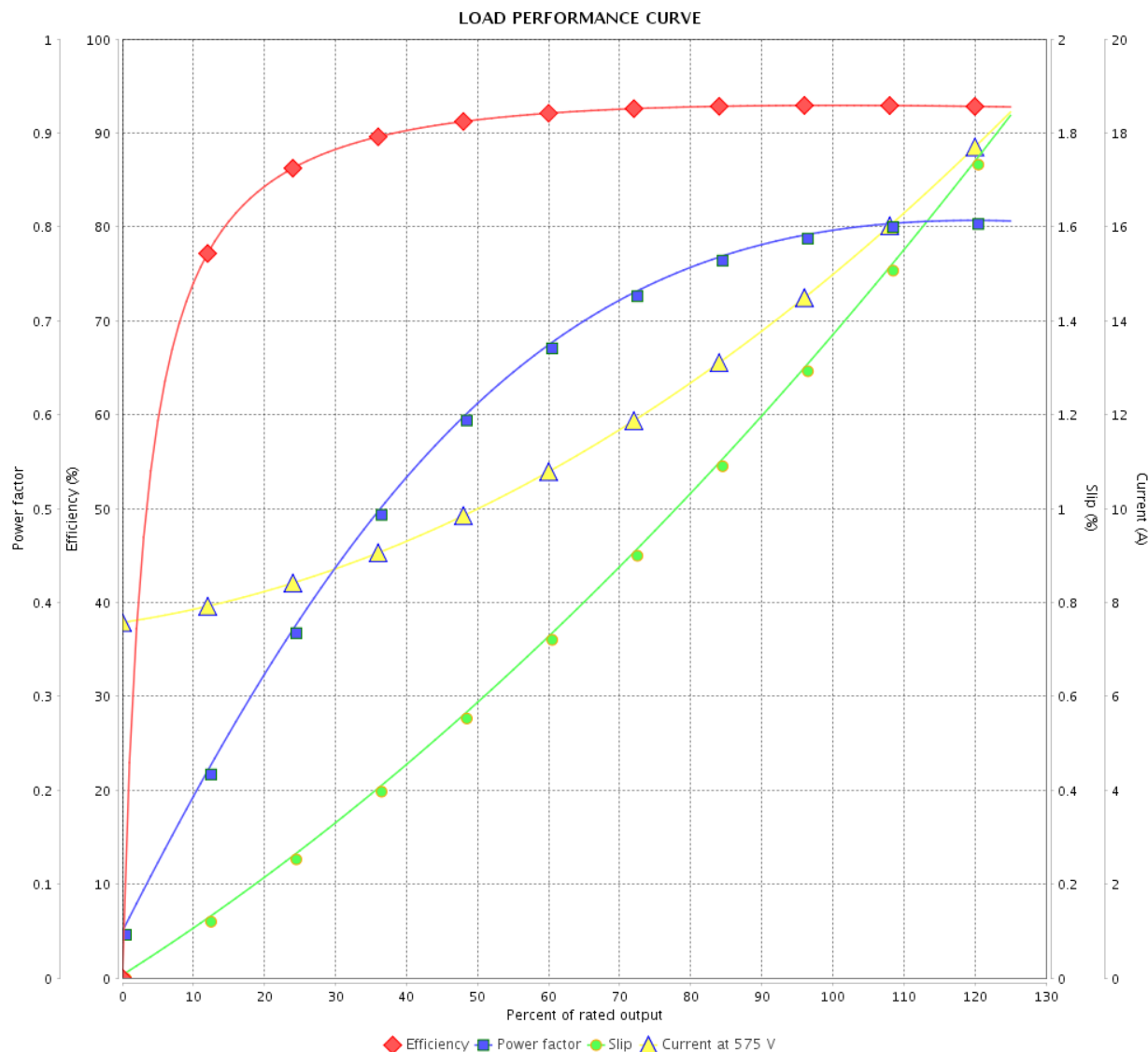
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : JM Pump NEMA Premium
Efficiency Three-Phase

Product code : 13352715



Performance : 575 V 60 Hz 4P

Rated current : 14.9 A
 LRC : 6.7
 Rated torque : 6.13 kgfm
 Locked rotor torque : 240 %
 Breakdown torque : 300 %
 Rated speed : 1775 rpm

Moment of inertia (J) : 0.0767 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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