

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line		: Jet Pump - J type Three-Phase	Product code :	13721751
Frame	: W56J	Cooling method	: IC411 - TEFC	
Insulation class	: F	Mounting	: W-6	
Duty cycle	: Cont.(S1)	Rotation ¹	: CCW	
Ambient temperature	: -20°C to +40°C	Starting method	: Direct On Line	
Altitude	: 1000 m.a.s.l.	Approx. weight ³	: 8.4 kg	
Protection degree	: IP55	Moment of inertia (J)	: 0.0009 kgm ²	
Output [HP]	0.75			
Poles	2			
Frequency [Hz]	60			
Rated voltage [V]	575			
Rated current [A]	0.896			
L. R. Amperes [A]	7.26			
LRC [A]	8.1x(Code L)			
No load current [A]	0.498			
Rated speed [RPM]	3440			
Slip [%]	4.44			
Rated torque [kgfm]	0.158			
Locked rotor torque [%]	350			
Breakdown torque [%]	360			
Service factor	1.15			
Temperature rise	80 K			
Locked rotor time	28s (cold) 16s (hot)			
Noise level ²	65.0 dB(A)			
Efficiency (%)	25%			
	50%	70.0		
	75%	75.5		
	100%	77.0		
Power Factor	25%			
	50%	0.62		
	75%	0.74		
	100%	0.80		
Bearing type	: Drive end 6203 2RS Non drive end 6202 2RS	Foundation loads		
Sealing	: V'Ring V'Ring	Max. traction : 14 kgf		
Lubrication interval	: - -	Max. compression : 22 kgf		
Lubricant amount	: - -			
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.		
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
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LOAD PERFORMANCE CURVE

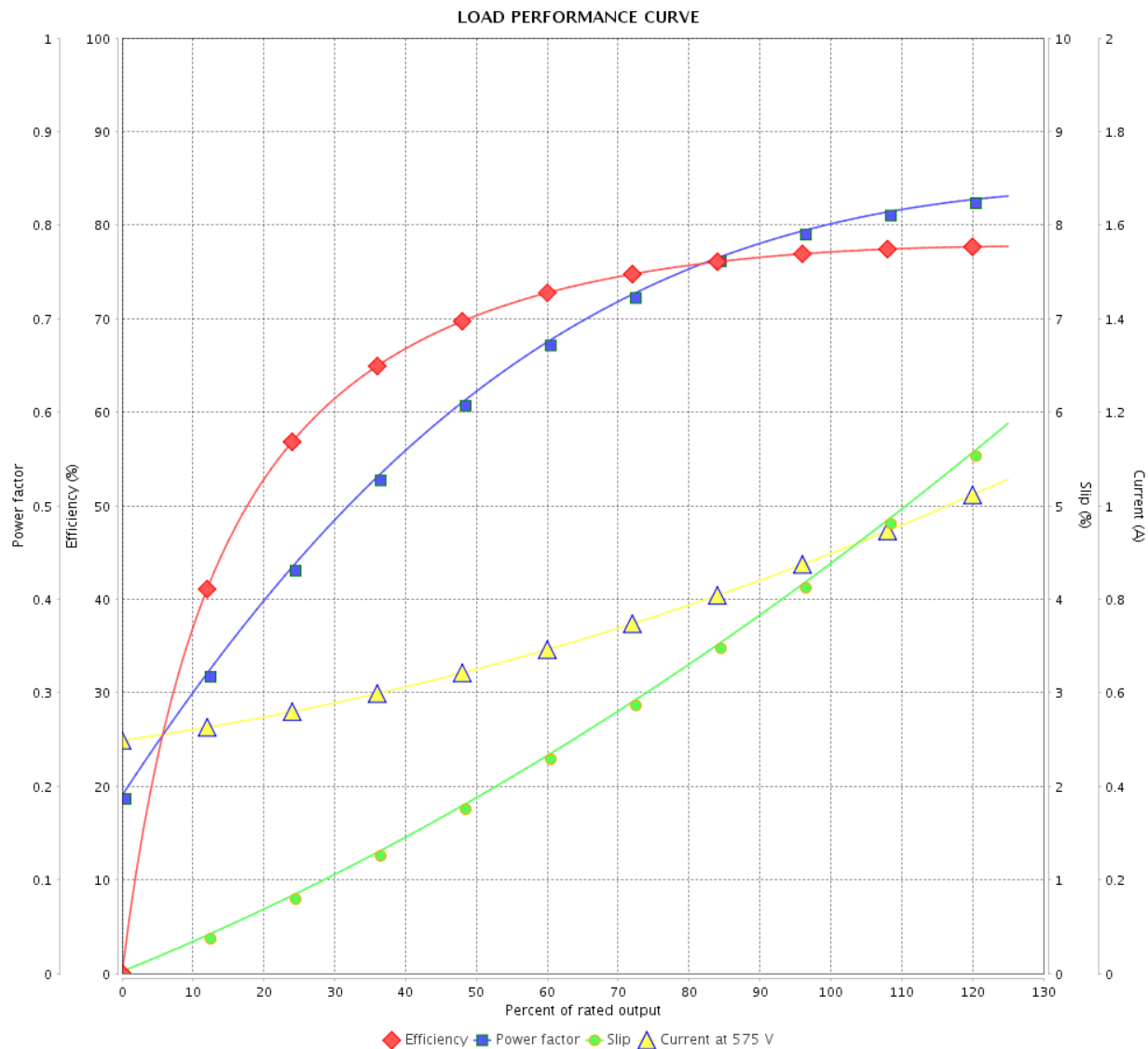
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Jet Pump - J type Three-Phase

Product code : 13721751



Performance : 575 V 60 Hz 2P

Rated current : 0.896 A
 LRC : 8.1
 Rated torque : 0.158 kgfm
 Locked rotor torque : 350 %
 Breakdown torque : 360 %
 Rated speed : 3440 rpm

Moment of inertia (J) : 0.0009 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K

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