

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer					
Product line	: Jet Pump - C type Three-Phase	Product code :	13722362		
Frame	: 56C	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	: 21.6 kg		
Protection degree	: IP55	Moment of inertia (J)	: 0.0070 kgm ²		
Design	: B				
Output [HP]	3				
Poles	2				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	2.81				
L. R. Amperes [A]	26.7				
LRC [A]	9.5x(Code L)				
No load current [A]	1.02				
Rated speed [RPM]	3500				
Slip [%]	2.78				
Rated torque [kgfm]	0.621				
Locked rotor torque [%]	300				
Breakdown torque [%]	380				
Service factor	1.15				
Temperature rise	80 K				
Locked rotor time	18s (cold) 10s (hot)				
Noise level ²	68.0 dB(A)				
Efficiency (%)	25%				
	50%	84.0			
	75%	86.5			
	100%	86.5			
Power Factor	25%				
	50%	0.78			
	75%	0.87			
	100%	0.91			
Bearing type	: Drive end : 6203 2RS	Non drive end : 6202 2RS	Foundation loads		
Sealing	: V'Ring	V'Ring	Max. traction	: 65 kgf	
Lubrication interval	: -	-	Max. compression	: 87 kgf	
Lubricant amount	: -	-			
Lubricant type	: Mobil Polyrex EM				
Notes					
<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(1) Looking the motor from the shaft end.</p> <p>(2) Measured at 1m and with tolerance of +3dB(A).</p> <p>(3) Approximate weight subject to changes after manufacturing process.</p> <p>(4) At 100% of full load.</p>			<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>		
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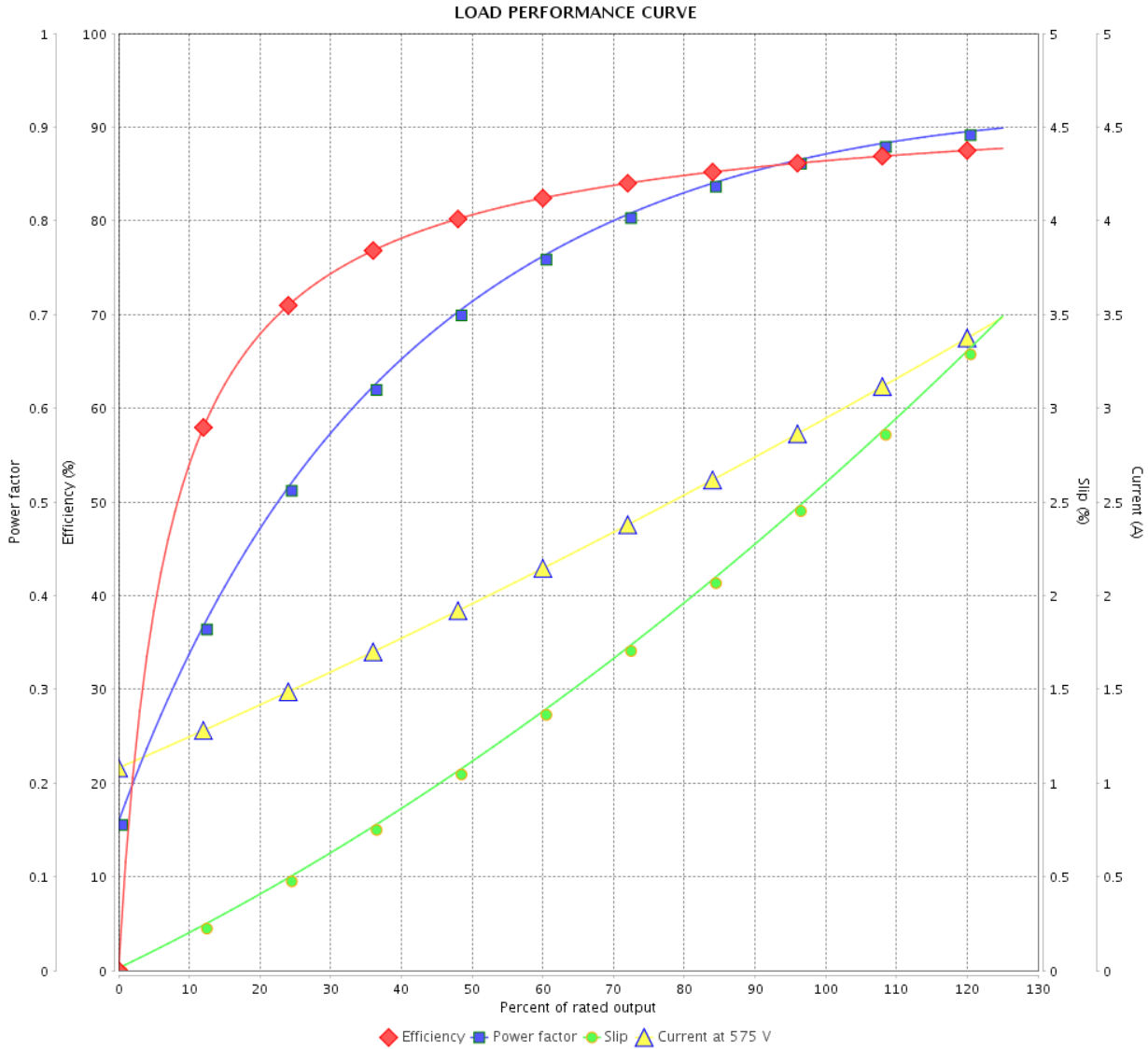
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Jet Pump - C type Three-Phase Product code : 13722362



Performance : 575 V 60 Hz 2P

Rated current	: 2.81 A	Moment of inertia (J)	: 0.0070 kgm ²
LRC	: 9.5	Duty cycle	: Cont.(S1)
Rated torque	: 0.621 kgfm	Insulation class	: F
Locked rotor torque	: 300 %	Service factor	: 1.15
Breakdown torque	: 380 %	Temperature rise	: 80 K
Rated speed	: 3500 rpm	Design	: B

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