

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer					
Product line	: Jet Pump - J type Premium Efficiency Three-Phase	Product code :	16039609		
Frame	: W56J	Cooling method	: IC01 - ODP		
Insulation class	: F	Mounting	: F-1		
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	: 8.8 kg		
		Moment of inertia (J)	: 0.0010 kgm ²		
Output [HP]	1				
Poles	2				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	1.30				
L. R. Amperes [A]	10.8				
LRC [A]	8.3x(Code M)				
No load current [A]	0.800				
Rated speed [RPM]	3450				
Slip [%]	4.17				
Rated torque [kgfm]	0.210				
Locked rotor torque [%]	400				
Breakdown torque [%]	409				
Service factor	1.40				
Temperature rise	80 K				
Locked rotor time	23s (cold) 13s (hot)				
Noise level ²	62.0 dB(A)				
Efficiency (%)	25%				
	50%	70.0			
	75%	75.5			
	100%	77.0			
Power Factor	25%				
	50%	0.55			
	75%	0.68			
	100%	0.75			
Bearing type	: Drive end : 6203 2RS	Non drive end : 6202 2RS	Foundation loads		
Sealing	: Without	Without	Max. traction	: 23 kgf	
	Bearing Seal	Bearing Seal	Max. compression	: 32 kgf	
Lubrication interval	: -	-			
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>		
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
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Date	11/05/2022			1 / 2	

LOAD PERFORMANCE CURVE

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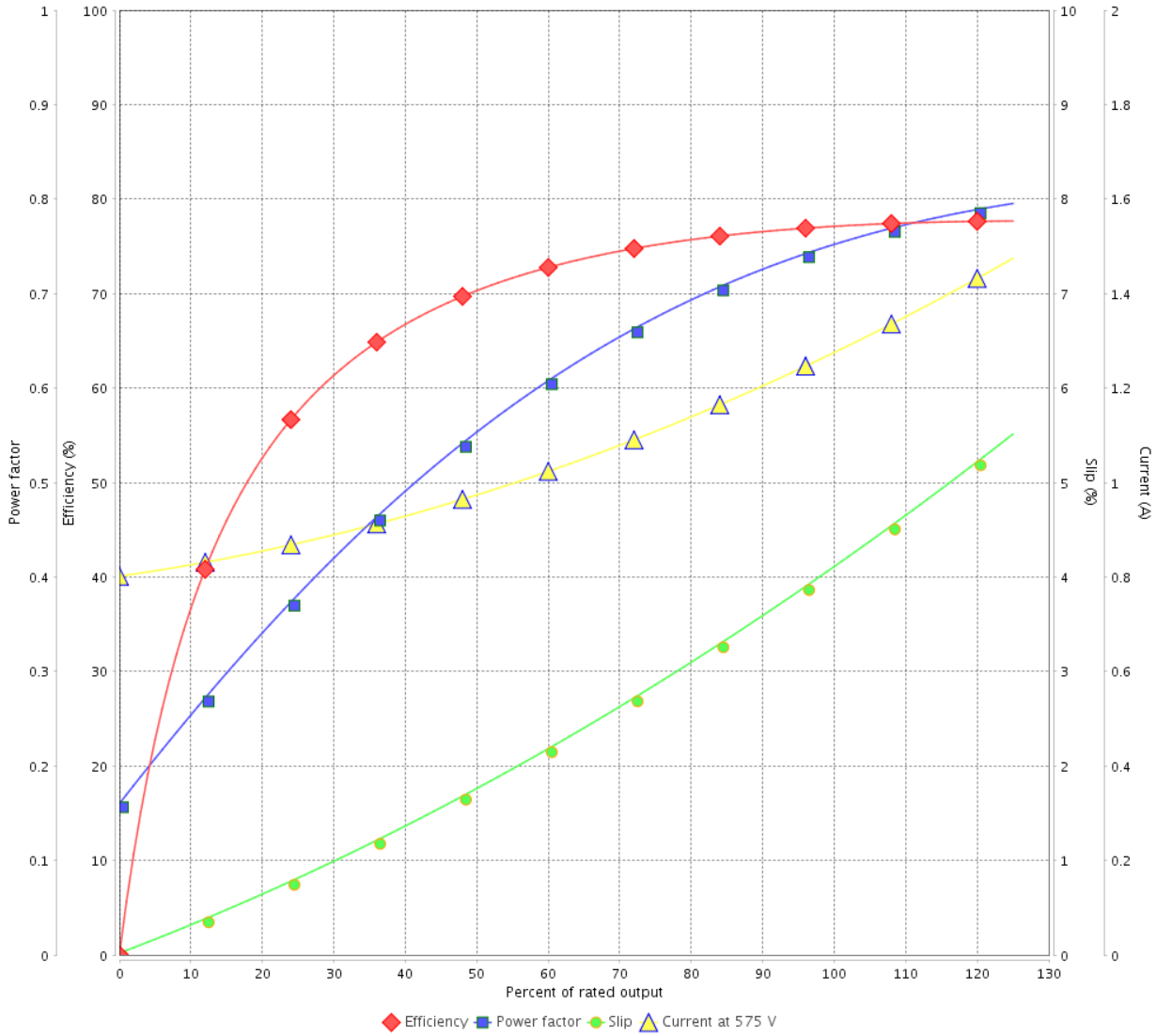


Customer : _____

Product line : Jet Pump - J type Premium
Efficiency Three-Phase

Product code : 16039609

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Performance : 575 V 60 Hz 2P

Rated current : 1.30 A
LRC : 8.3
Rated torque : 0.210 kgfm
Locked rotor torque : 400 %
Breakdown torque : 409 %
Rated speed : 3450 rpm

Moment of inertia (J) : 0.0010 kgm²
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.40
Temperature rise : 80 K

Rev.	Changes Summary	Performed	Checked	Date
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Date				

