

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer	:				
Product line	: Jet Pump - J type Standard Efficiency Three-Phase	Product code :	14328835		
Frame	: 56J	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	: 8.7 kg		
		Moment of inertia (J)	: 0.0016 kgm ²		
Output [HP]	0.5				
Poles	2				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	0.718				
L. R. Amperes [A]	4.45				
LRC [A]	6.2x(Code K)				
No load current [A]	0.520				
Rated speed [RPM]	3495				
Slip [%]	2.92				
Rated torque [kgfm]	0.104				
Locked rotor torque [%]	229				
Breakdown torque [%]	290				
Service factor	1.60				
Temperature rise	80 K				
Locked rotor time	59s (cold) 33s (hot)				
Noise level ²	62.0 dB(A)				
Efficiency (%)	25%				
	50%	59.5			
	75%	66.0			
	100%	70.0			
Power Factor	25%				
	50%	0.52			
	75%	0.65			
	100%	0.74			
Bearing type	: Drive end 6203 2RS	Non drive end 6202 2RS	Foundation loads		
Sealing	: Without Bearing Seal	Without Bearing Seal	Max. traction	: 5 kgf	
Lubrication interval	: -	-	Max. compression	: 14 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.		
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LOAD PERFORMANCE CURVE

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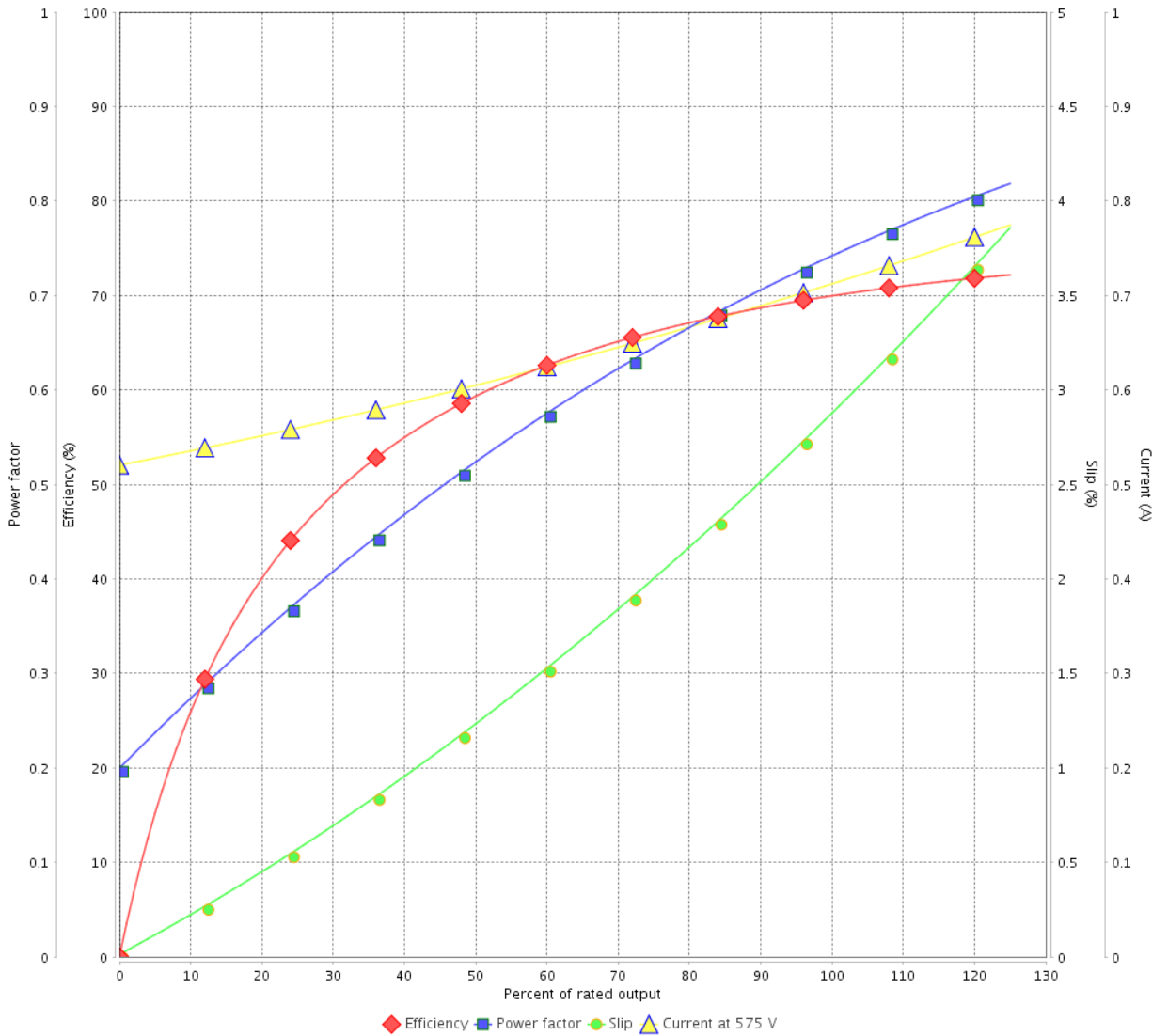


Customer :

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

Product code : 14328835

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Performance : 575 V 60 Hz 2P

Rated current : 0.718 A
LRC : 6.2
Rated torque : 0.104 kgfm
Locked rotor torque : 229 %
Breakdown torque : 290 %
Rated speed : 3495 rpm

Moment of inertia (J) : 0.0016 kgm²
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.60
Temperature rise : 80 K

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