

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line		: Jet Pump - J type Standard Efficiency Three-Phase		Product code : 13979067
Frame	: 56J	Cooling method	: IC411 - TEFC	
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	: 11.3 kg	
Protection degree	: IP55	Moment of inertia (J)	: 0.0027 kgm ²	
Output [HP]	0.75			
Poles	4			
Frequency [Hz]	60			
Rated voltage [V]	575			
Rated current [A]	0.976			
L. R. Amperes [A]	6.73			
LRC [A]	6.9x(Code K)			
No load current [A]	0.720			
Rated speed [RPM]	1755			
Slip [%]	2.50			
Rated torque [kgfm]	0.310			
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	52.0 dB(A)			
Efficiency (%)	25%			
	50%	72.0		
	75%	77.0		
	100%	78.5		
Power Factor	25%			
	50%	0.48		
	75%	0.61		
	100%	0.72		
Bearing type	: Drive end 6203 2RS	Non drive end 6202 2RS	Foundation loads	
Sealing	: V'Ring	V'Ring	Max. traction : 24 kgf	
Lubrication interval	: -	-	Max. compression : 35 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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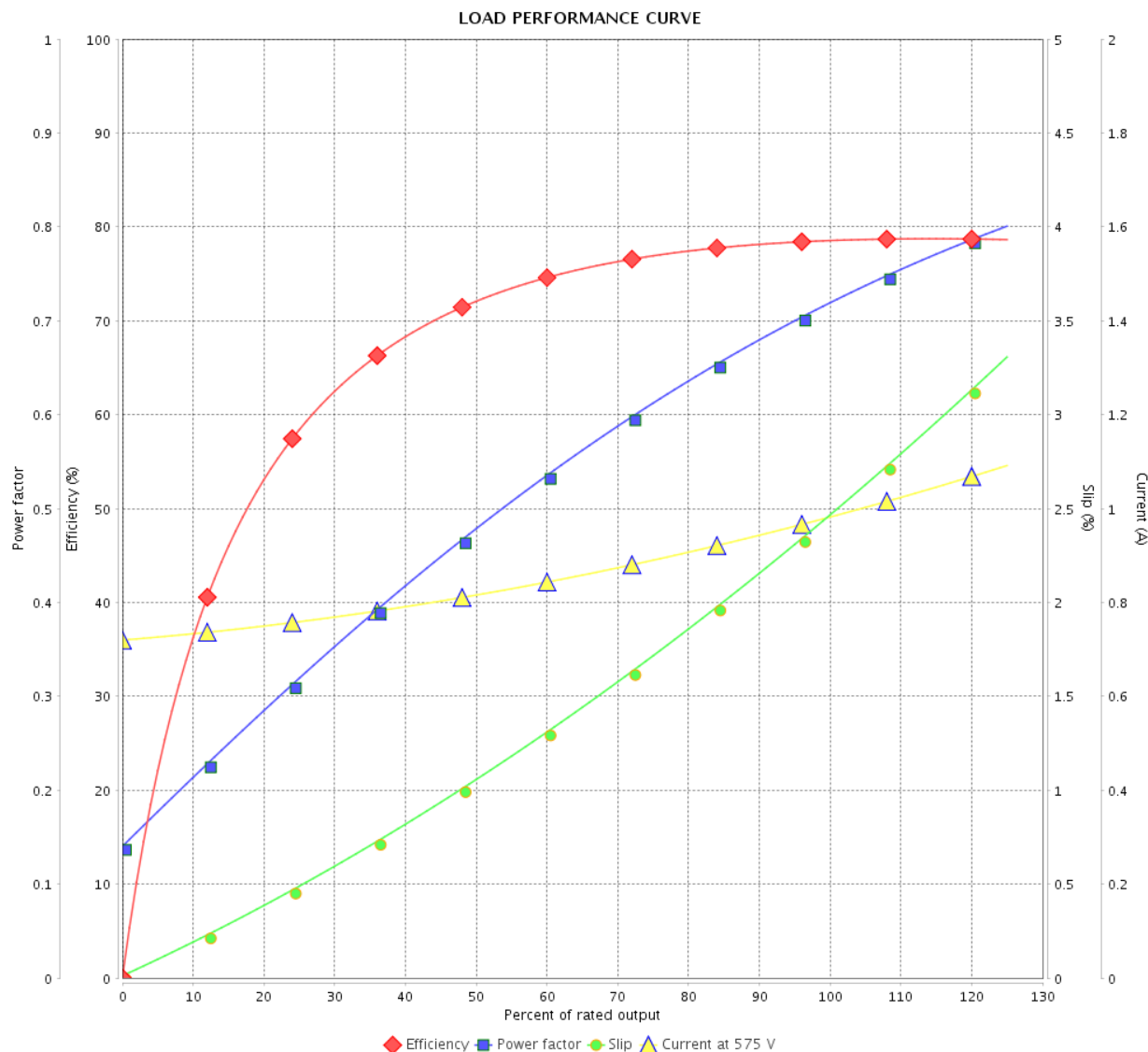
Three Phase Induction Motor - Squirrel Cage



Customer :

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

Product code : 13979067



Performance : 575 V 60 Hz 4P

Rated current : 0.976 A
LRC : 6.9
Rated torque : 0.310 kgfm
Locked rotor torque : 240 %
Breakdown torque : 300 %
Rated speed : 1755 rpm

Moment of inertia (J) : 0.0027 kgm²
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.15
Temperature rise : 80 K

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