

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line		: Wjet Pump Three-Phase		Product code : 10812182	
Frame	: E56C		Locked rotor time	: 18s (cold) 10s (hot)	
Output	: 1 HP (0.75 kW)		Temperature rise	: 80 K	
Poles	: 2		Duty cycle	: Cont.(S1)	
Frequency	: 60 Hz		Ambient temperature	: -20°C to +40°C	
Rated voltage	: 575 V		Altitude	: 1000 m.a.s.l.	
Rated current	: 1.24 A		Protection degree	: IP21	
L. R. Amperes	: 8.06 A		Cooling method	: IC01 - ODP	
LRC	: 6.5x(Code K)		Mounting	: F-1	
No load current	: 0.760 A		Rotation ¹	: CCW	
Rated speed	: 3470 rpm		Starting method	: Direct On Line	
Slip	: 3.61 %		Approx. weight ³	: 10.2 kg	
Rated torque	: 0.209 kgfm				
Locked rotor torque	: 260 %				
Breakdown torque	: 280 %				
Insulation class	: B				
Service factor	: 1.40				
Moment of inertia (J)	: 0.0012 kgm ²				
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	66.5	72.0	74.0	Max. traction : 13 kgf	
Power Factor	0.62	0.73	0.81	Max. compression : 24 kgf	
		<u>Drive end</u>		<u>Non drive end</u>	
Bearing type	:	6203 2RS		6203 2RS	
Sealing	:	Slinger		Without Bearing Seal	
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>		
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LOAD PERFORMANCE CURVE

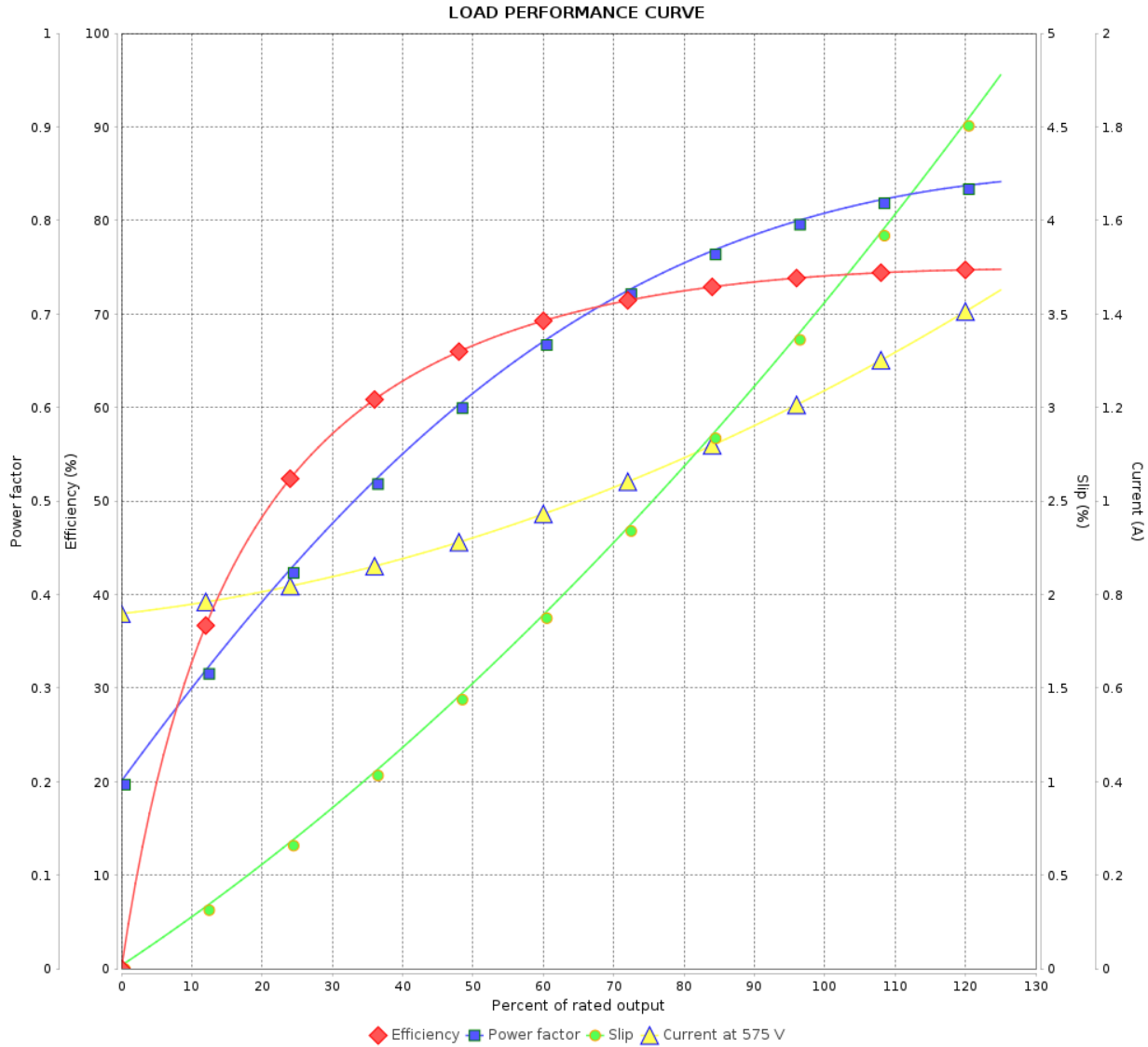
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Wjet Pump Three-Phase

Product code : 10812182



Performance : 575 V 60 Hz 2P

Rated current : 1.24 A
 LRC : 6.5
 Rated torque : 0.209 kgfm
 Locked rotor torque : 260 %
 Breakdown torque : 280 %
 Rated speed : 3470 rpm

Moment of inertia (J) : 0.0012 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : B
 Service factor : 1.40
 Temperature rise : 80 K

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