

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line : Three-Phase		Product code : 14013099		
Frame : W56C Insulation class : F Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l.		Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 8.1 kg Moment of inertia (J) : 0.0008 kgm ²		
Output [HP]	1			
Poles	2			
Frequency [Hz]	60			
Rated voltage [V]	575			
Rated current [A]	1.18			
L. R. Amperes [A]	8.23			
LRC [A]	7.0x(Code K)			
No load current [A]	0.703			
Rated speed [RPM]	3420			
Slip [%]	5.00			
Rated torque [kgfm]	0.212			
Locked rotor torque [%]	310			
Breakdown torque [%]	330			
Service factor	1.25			
Temperature rise	80 K			
Locked rotor time	23s (cold) 13s (hot)			
Noise level ²	62.0 dB(A)			
Efficiency (%)	25%			
	50%	74.0		
	75%	75.5		
	100%	77.0		
Power Factor	25%			
	50%	0.61		
	75%	0.74		
	100%	0.83		
Bearing type : <u>Drive end</u> 6203 ZZ <u>Non drive end</u> 6202 ZZ Sealing : Without Without Bearing Seal Bearing Seal Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM		Foundation loads Max. traction : 18 kgf Max. compression : 26 kgf		
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

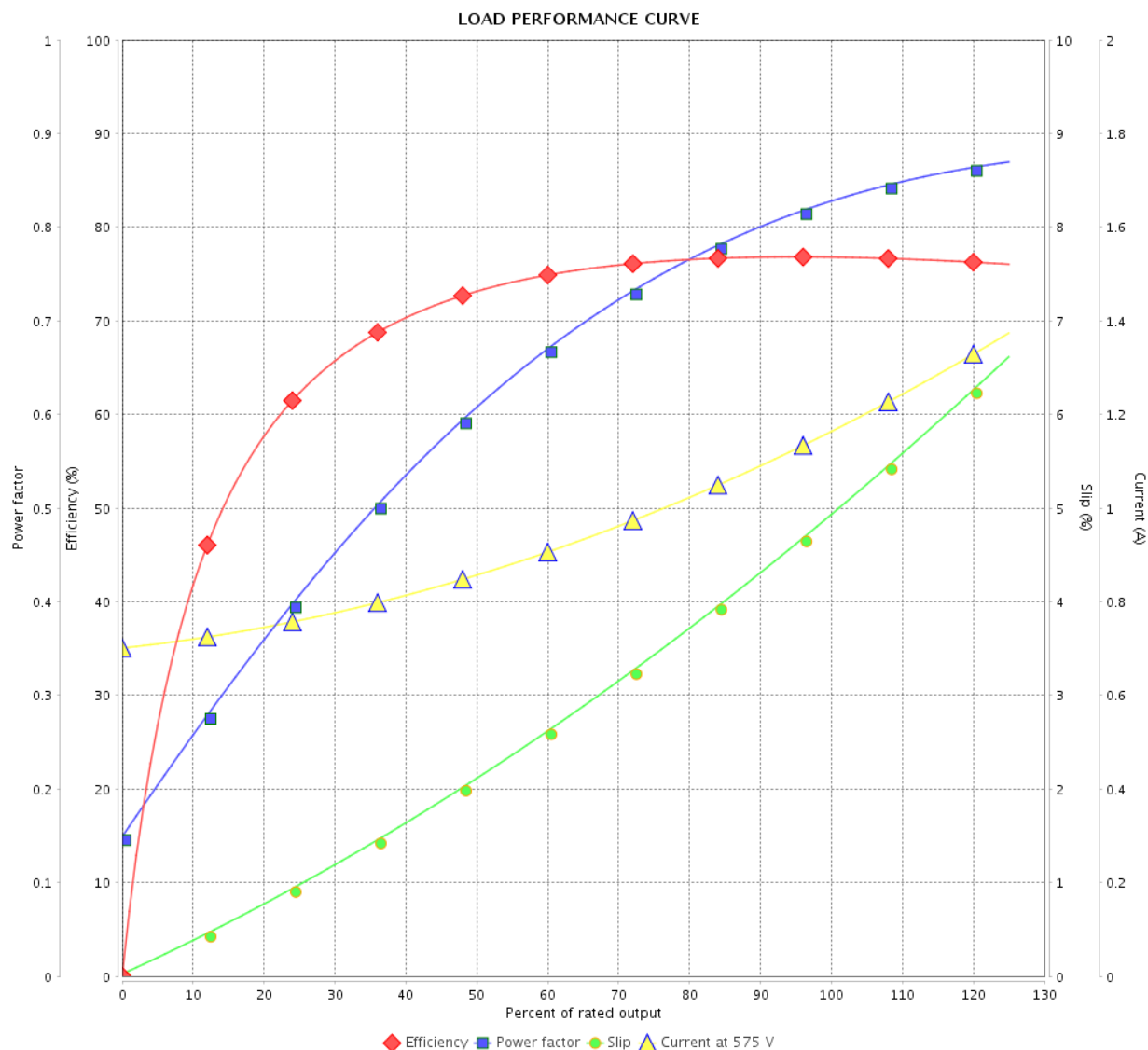
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Three-Phase

Product code : 14013099



Performance : 575 V 60 Hz 2P

Rated current : 1.18 A
 LRC : 7.0
 Rated torque : 0.212 kgfm
 Locked rotor torque : 310 %
 Breakdown torque : 330 %
 Rated speed : 3420 rpm

Moment of inertia (J) : 0.0008 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K

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