

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:			
Product line	: Three-Phase	Product code : 13737453		
Frame	: 56	Cooling method : IC01 - ODP		
Insulation class	: F	Mounting : F-1		
Duty cycle	: Cont.(S1)	Rotation ¹ : Both (CW and CCW)		
Ambient temperature	: -20°C to +40°C	Starting method : Direct On Line		
Altitude	: 1000 m.a.s.l.	Approx. weight ³ : 12.2 kg		
Design	: A	Moment of inertia (J) : 0.0036 kgm ²		
Output [HP]		1		
Poles		4		
Frequency [Hz]		60		
Rated voltage [V]		575		
Rated current [A]		1.26		
L. R. Amperes [A]		9.55		
LRC [A]		7.6x(Code L)		
No load current [A]		0.880		
Rated speed [RPM]		1760		
Slip [%]		2.22		
Rated torque [kgfm]		0.412		
Locked rotor torque [%]		280		
Breakdown torque [%]		320		
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%	78.5		
	75%	82.5		
	100%	83.5		
Power Factor	25%			
	50%	0.49		
	75%	0.63		
	100%	0.72		
Bearing type	: <u>Drive end</u> 6204 ZZ <u>Non drive end</u> 6202 ZZ	Foundation loads		
Sealing	: Without Bearing Seal Without Bearing Seal	Max. traction : 36 kgf		
Lubrication interval	: - -	Max. compression : 48 kgf		
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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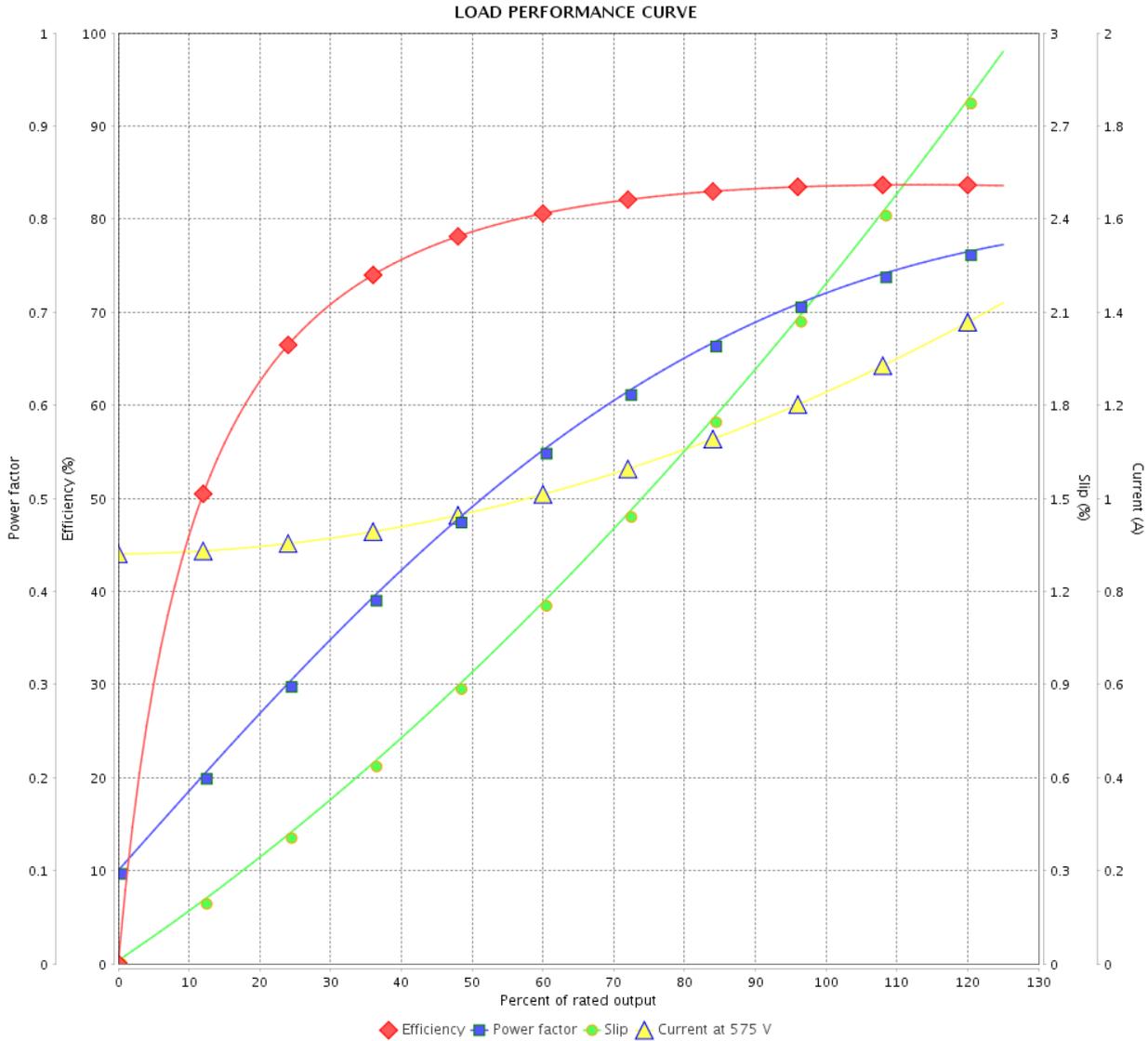
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Three-Phase

Product code : 13737453



Performance : 575 V 60 Hz 4P

Rated current : 1.26 A
 LRC : 7.6
 Rated torque : 0.412 kgfm
 Locked rotor torque : 280 %
 Breakdown torque : 320 %
 Rated speed : 1760 rpm

Moment of inertia (J) : 0.0036 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

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