

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:			
Product line	: Standard Efficiency Three-Phase	Product code : 13375045		
Frame	: 56H	Cooling method : IC411 - TEFC		
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 : 16.7 kg		
Protection degree	: IP55	Moment of inertia (J) : 0.0052 kgm ²		
Design	: A			
Output [HP]		2		
Poles		4		
Frequency [Hz]		60		
Rated voltage [V]		575		
Rated current [A]		2.28		
L. R. Amperes [A]		16.6		
LRC [A]		7.3x(Code K)		
No load current [A]		1.33		
Rated speed [RPM]		1745		
Slip [%]		3.06		
Rated torque [kgfm]		0.832		
Locked rotor torque [%]		240		
Breakdown torque [%]		270		
Service factor		1.15		
Temperature rise		80 K		
Locked rotor time		14s (cold) 8s (hot)		
Noise level ²		52.0 dB(A)		
Efficiency (%)	25%			
	50%	80.0		
	75%	81.5		
	100%	82.5		
Power Factor	25%			
	50%	0.58		
	75%	0.72		
	100%	0.80		
Bearing type	: <u>Drive end</u> 6204 ZZ <u>Non drive end</u> 6202 ZZ	Foundation loads		
Sealing	: V'Ring V'Ring	Max. traction : 64 kgf		
Lubrication interval	: - -	Max. compression : 80 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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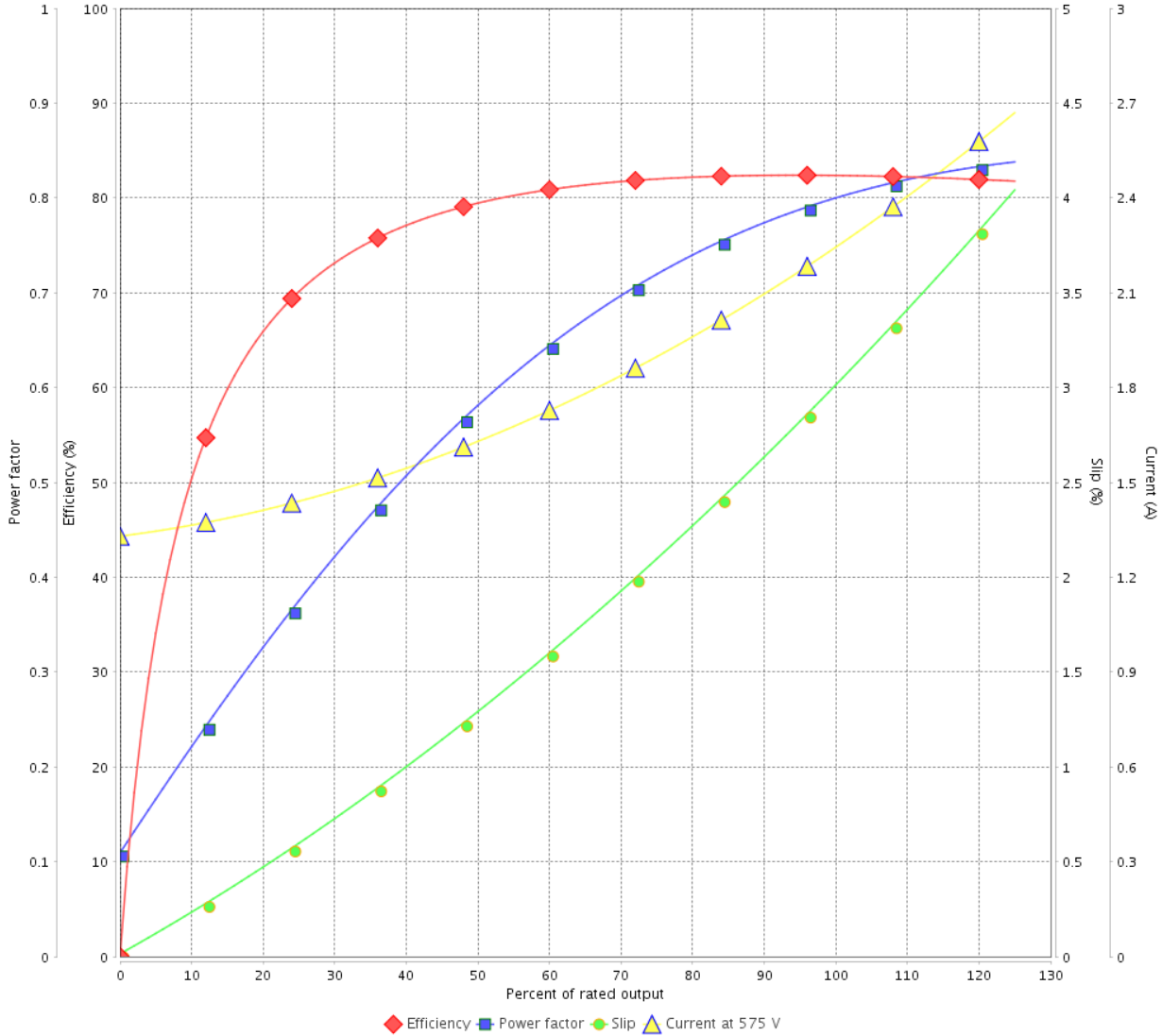
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Standard Efficiency Three-Phase Product code : 13375045

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Performance : 575 V 60 Hz 4P

Rated current	: 2.28 A	Moment of inertia (J)	: 0.0052 kgm ²
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 0.832 kgfm	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.15
Breakdown torque	: 270 %	Temperature rise	: 80 K
Rated speed	: 1745 rpm	Design	: A

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