

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer	:			
Product line	: NEMA Premium Efficiency Three-Phase	Product code : 12674777		
Frame	: 213/5T	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 : 52.3 kg		
Design	: B	Moment of inertia (J) : 0.0196 kgm ²		
Output [HP]		10		
Poles		2		
Frequency [Hz]		60		
Rated voltage [V]		575		
Rated current [A]		9.60		
L. R. Amperes [A]		65.3		
LRC [A]		6.8x(Code H)		
No load current [A]		3.73		
Rated speed [RPM]		3535		
Slip [%]		1.81		
Rated torque [kgfm]		2.05		
Locked rotor torque [%]		200		
Breakdown torque [%]		280		
Service factor		1.15		
Temperature rise		80 K		
Locked rotor time		19s (cold) 11s (hot)		
Noise level ²		66.0 dB(A)		
Efficiency (%)	25%	88.3		
	50%	88.5		
	75%	89.5		
	100%	89.5		
Power Factor	25%	0.47		
	50%	0.74		
	75%	0.84		
	100%	0.88		
Bearing type	: <u>Drive end</u> 6208 ZZ <u>Non drive end</u> 6206 ZZ	Foundation loads		
Sealing	: Without Without Bearing Seal Bearing Seal	Max. traction : 80 kgf Max. compression : 132 kgf		
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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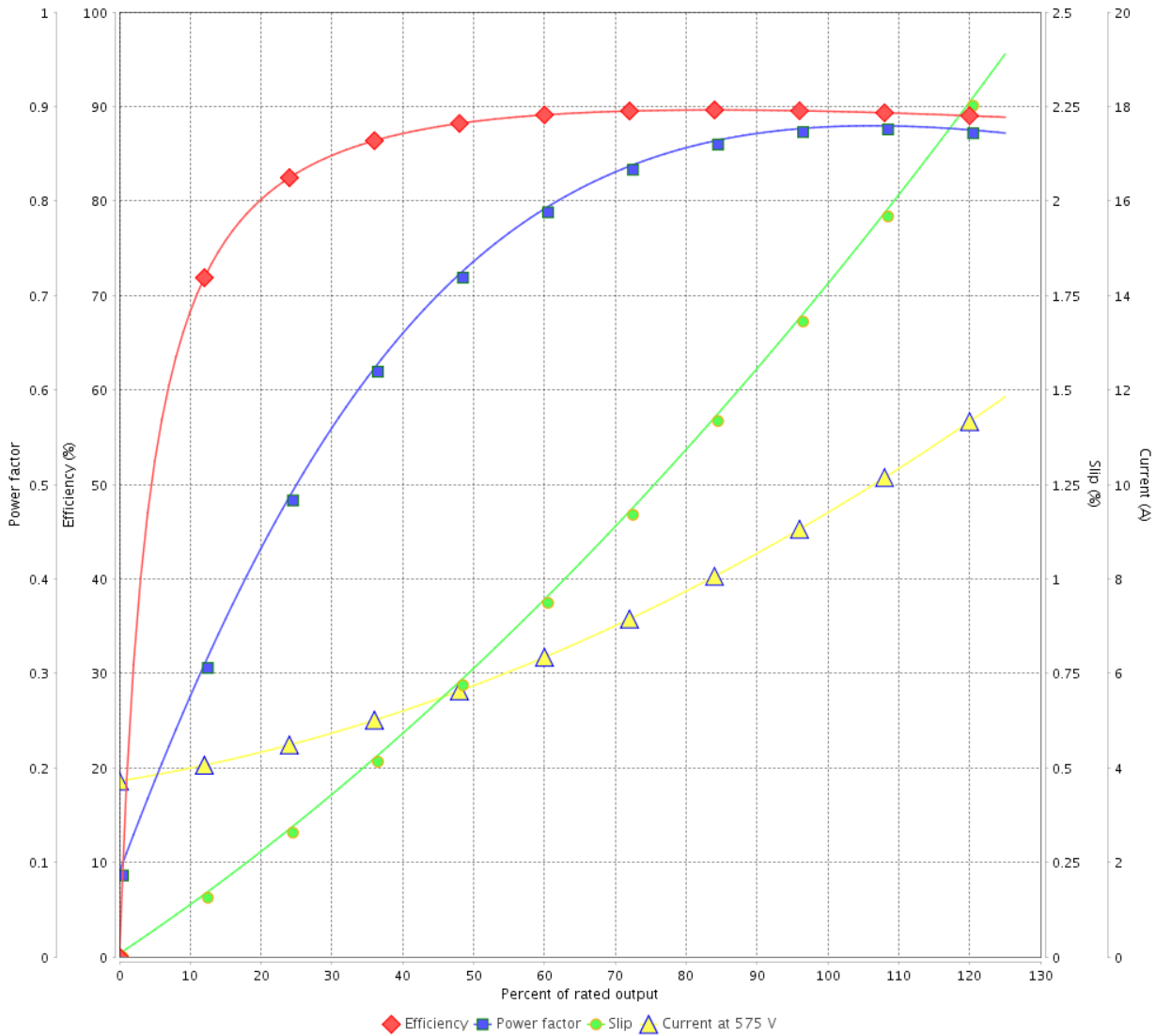
Three Phase Induction Motor - Squirrel Cage



Customer :

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Performance : 575 V 60 Hz 2P

Rated current	: 9.60 A	Moment of inertia (J)	: 0.0196 kgm ²
LRC	: 6.8	Duty cycle	: Cont.(S1)
Rated torque	: 2.05 kgfm	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.15
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 3535 rpm	Design	: B

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