DATA SHEET

Three Phase Induction Motor - Squirrel Cage



						1
Customer	:					
Product line		: General l Phase	High Efficiency Thr	ee- Product code :	11996330	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	que ue	: 213/5TC : 10 HP (7: : 2 : 60 Hz : 575 V : 9.76 A : 64.4 A : 6.6x(Cod : 3.36 A : 3515 rpm : 2.36 % : 2.06 kgfm : 210 % : 250 % : F : 1.15 : 0.0187 kg	e H)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 21s (cold) 12s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 68.0 dB(A) : Direct On Line : 47.3 kg	
Output Efficiency (%)	50% 87.5	75% 88.5	100% 88.5	Foundation loads Max. traction	: 71 kgf	_
Power Factor	0.71	0.81	0.87	Max. compression	: 119 kgf	
Bearing type Sealing Lubrication interval Lubricant amount		Drive end Control Substituting Seal Control Drive end Control		Non drive en 6206 ZZ Without Bearing - -		

Mobil Polyrex EM

Notes

Lubricant type

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.

Rev.		Changes Summary		Performed	Checked	Date
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Checked by					Page	Revision
Date	13/11/2025				1/2	

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

13/11/2025

Product line : General High Efficiency Three- Product

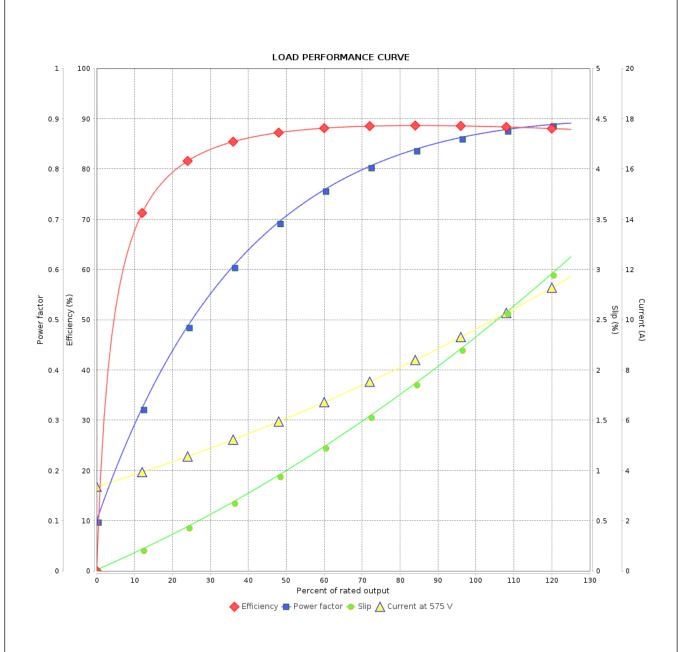
Product code:

11996330

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Revision



Performance	: 575 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 9.76 A Moment of inert : 6.6 Duty cycle : 2.06 kgfm Insulation class : 210 % Service factor : 250 % Temperature ris : 3515 rpm Design		class ctor	J) : 0.0187 kgm² : Cont.(S1) : F : 1.15 : 80 K : B		
Rev.	7. Changes Summary		Performed	Checked	Date	
Performed by						

