DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:				
Product line	: Ge Pha		remium Efficiency	Three- Product code :	11995951
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 182TC : 5 HP (3.7 kW) : 2 : 60 Hz : 575 V : 4.94 A : 34.6 A : 7.0x(Code H) : 1.92 A : 3490 rpm : 3.06 % : 1.04 kgfm : 200 % : 280 % : F : 1.15 : 0.0054 kgm² : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 28s (cold) 16s (hot) : 105 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 64.0 dB(A) : Direct On Line : 27.5 kg
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	87.5	88.5	88.5	Max. traction	: 47 kgf
Power Factor	0.68	0.80	0.85	Max. compression	: 74 kgf
Bearing type : 6206 ZZ Sealing : Without Bearing Seal		Non drive end 6205 ZZ Without Bearing	-		

Mobil Polyrex EM

Notes:

Lubricant amount 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

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MG-1.

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : General NEMA Premium Efficiency Three-

Product code:

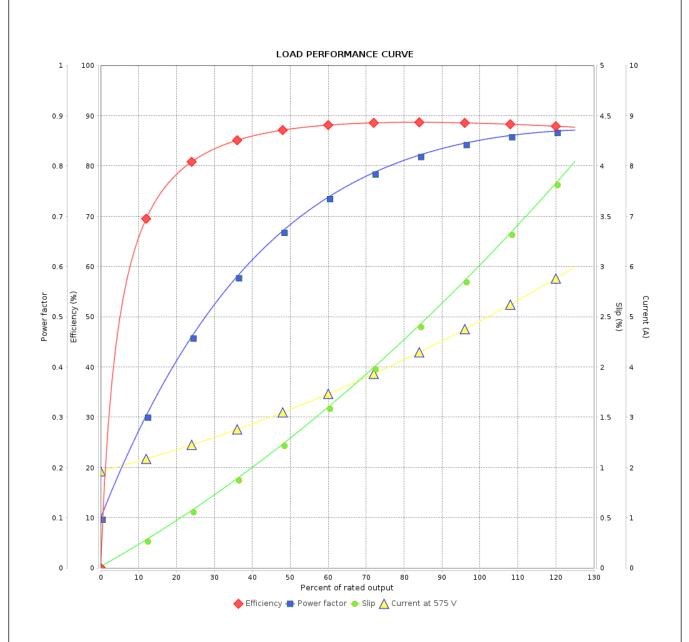
11995951

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05/05/2024

Date



Performance	: 575 V 60 Hz 2P						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 4.94 A : 7.0 : 1.04 kgfm : 200 % : 280 % : 3490 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.0054 kgm² : Cont.(S1) : F : 1.15 : 105 K : B			
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