DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:					
Product line	: Ge Pha		remium Efficiency	Three- Product code :	10705364	
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		: 213/5T : 7.5 HP (5.5 kW) : 4 : 60 Hz : 575 V : 7.22 A : 54.2 A : 7.5x(Code J) : 3.04 A : 1765 rpm : 1.94 % : 3.08 kgfm : 200 % : 270 % : F : 1.15 : 0.0388 kgm ² : B		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) : 58.0 dB(A) : Direct On Line : 46.3 kg	
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	89.0	90.2	91.0	Max. traction	: 131 kgf	
Power Factor	0.68	0.79	0.84	Max. compression	: 177 kgf	
Bearing type : 6208 ZZ Sealing : Without Bearing Seal Lubrication interval : -			6208 ZZ	Non drive end 6206 ZZ Without Bearing Seal		

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 MG-1.

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Date	05/02/2024			1/2	

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : General NEMA Premium Efficiency Three-

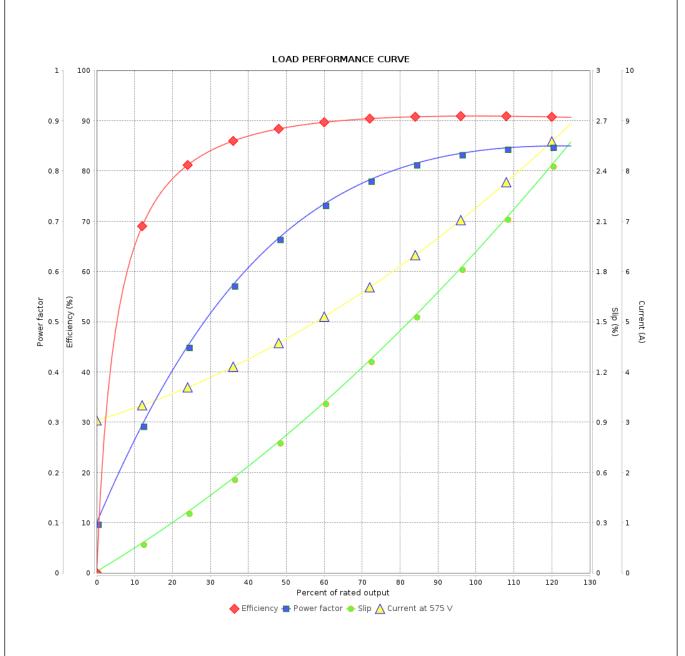
Product code:

10705364

Phase

05/02/2024

Date



Performance	: 575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 7.22 A : 7.5 : 3.08 kgfm : 200 % : 270 % : 1765 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.0388 kgm² : Cont.(S1) : F : 1.15 : 80 K : B	
Rev.	Changes Summary		Performed	Checked	Date
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