DATA SHEET

Three Phase Induction Motor - Squirrel Cage



			1	3		
Customer	:					
Product line		: General Phase	High Efficiency Thro	ee- Product code :	11993756	
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		: E143/5TC : 1 HP (0.75 kW) : 4 : 60 Hz : 575 V : 1.20 A : 9.36 A : 7.8x(Code L) : 0.800 A : 1740 rpm : 3.33 % : 0.417 kgfm : 310 % : 350 % : F : 1.15 : 0.0053 kgm² : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 50.0 dB(A) : Direct On Line : 20.9 kg	
Output	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	80.0 0.57	81.5 0.68	82.5 0.76	Max. traction Max. compression	: 31 kgf : 52 kgf	
Bearing type Sealing Lubrication interval Lubricant amount		: : Wit	Drive end 6205 ZZ hout Bearing Seal - -	Non drive end 6204 ZZ Without Bearing Seal - -		

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.

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LOAD PERFORMANCE CURVE

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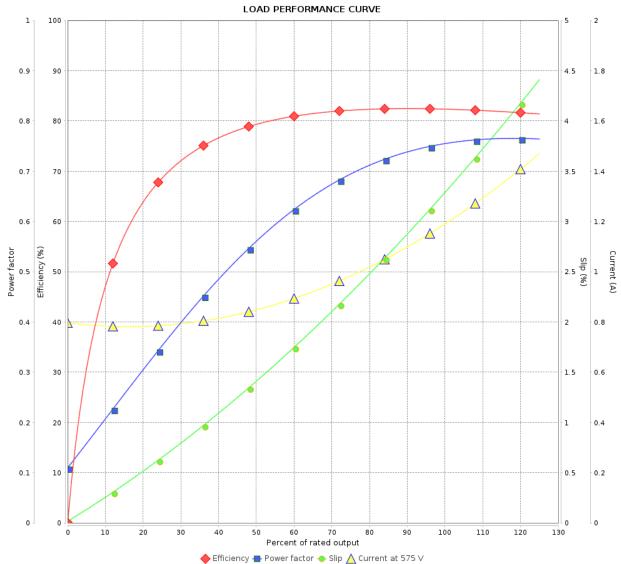
Customer :

Product line : General High Efficiency Three- Product

Product code:

11993756





Performance : 575 V 60 Hz 4P : 1.20 A : 0.0053 kgm² Rated current Moment of inertia (J) **LRC** Duty cycle : Cont.(S1) : 7.8 : 0.417 kgfm Insulation class Rated torque : F Locked rotor torque : 310 % Service factor : 1.15 Breakdown torque : 350 % Temperature rise : 80 K Rated speed : 1740 rpm Design : B

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