

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line	: Rolled Steel Standard Efficiency Three-Phase		Product code :	12805240
			Catalog # :	.3336ES3E56C-S
Frame : 56C Output : 0.33 HP (0.25 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated current : 1.33-1.20/0.602 A L. R. Amperes : 8.52-7.71/3.85 A LRC : 6.4x(Code L) No load current : 0.621-0.720/0.360 A Rated speed : 3485 rpm Slip : 3.19 % Rated torque : 0.497 ft.lb Locked rotor torque : 250 % Breakdown torque : 300 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0389 sq.ft.lb		Locked rotor time : 72s (cold) 40s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 68.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 17.6 lb		
Output	25%	50%	75%	100%
Efficiency (%)	44.9	57.8	48.0	59.6
	55.1	57.7	64.6	67.7
Power Factor	0.44	0.48	0.72	0.77
	0.41	0.69	0.79	0.85
Bearing type : 6203 ZZ Sealing : V'Ring Lubrication interval : - Lubricant amount : - Lubricant type : Mobil Polyrex EM				
<u>Drive end</u> Foundation loads Max. traction : 8 lb Max. compression : 25 lb				
<u>Non drive end</u> 6202 ZZ Without Bearing Seal				
Notes:				
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.				
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