

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :						
Product line	: Rolled Steel Standard Efficiency Three-Phase		Product code :	12895581		
				Catalog # : .3336ES3H56CFL-S		
Frame : 56C Output : 0.33 HP (0.25 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 575 V Rated current : 0.482 A L. R. Amperes : 3.08 A LRC : 6.4x(Code L) No load current : 0.288 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 : 17.2 lb		
Output	25%	50%	75%	100%		
Efficiency (%)	44.9	48.0	57.5	62.0		
Power Factor	0.44	0.72	0.79	0.84		
<p style="text-align: center;"><u>Drive end</u></p> Bearing type : 6203 ZZ Sealing : V'Ring Lubrication interval : - Lubricant amount : - Lubricant type : Mobil Polyrex EM						
<p style="text-align: center;"><u>Non drive end</u></p> 6202 ZZ Without Bearing Seal						
<p>Notes:</p>						
<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(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.</p>			<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>			
Rev.	Changes Summary			Performed		
				Checked		
Performed by				Page		
Checked by				Revision		
Date	27/03/2024			1 / 1		