

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :																																		
Product line	: Rolled Steel Premium Efficiency Three-Phase		Product code :	12809700																														
			Catalog # :	00218OT3H56CFL-S																														
Frame : 56C Output : 2 HP (1.5 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 575 V Rated current : 2.15 A L. R. Amperes : 16.6 A LRC : 7.7x(Code K) No load current : 1.10 A Rated speed : 1740 rpm Slip : 3.33 % Rated torque : 6.04 ft.lb Locked rotor torque : 260 % Breakdown torque : 320 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.1168 sq.ft.lb Design : A		Locked rotor time : 30s (cold) 17s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Cooling method : IC01 - ODP Mounting : F-1 Rotation <sup>1</sup> : Both (CW and CCW) Noise level <sup>2</sup> : 52.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 36.7 lb																																
Output	25%	50%	75%	100%																														
Efficiency (%)	85.2	85.5	86.5	86.5																														
Power Factor	0.36	0.61	0.74	0.81																														
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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.																															
Rev.	Changes Summary			Performed																														
				Checked																														
Performed by																																		
Checked by																																		
Date	27/03/2024																																	
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