

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer	:	
Product line	: Rolled Steel Three-Phase	Product code : 12809661 Catalog # : 00118OT3H56CFL-S
Frame : 56C Output : 1 HP (0.75 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 575 V Rated current : 1.26 A L. R. Amperes : 9.55 A LRC : 7.6x(Code L) No load current : 0.880 A Rated speed : 1760 rpm Slip : 2.22 % Rated torque : 2.94 ft.lb Locked rotor torque : 280 % Breakdown torque : 320 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0842 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	
Output	25%	50% 75% 100%
Efficiency (%)	77.3	78.5 82.5 83.5
Power Factor	0.27	0.49 0.63 0.72

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).
- (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	Date
Performed by		Page		Revision
Checked by		1 /		
Date	23/01/2018			