

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line :

Product code : 12831180
Catalog # : .5082OS1DEC56

Frame : E56
Output : B
Frequency
Rated voltage
Rated current
L. R. Amperes
LRC
No load current
Rated speed
Slip
Rated torque
Locked rotor torque
Breakdown torque
Insulation class

Locked rotor time : Cont.(S1)
Duty cycle : IP21
Protection degree : IC01 - ODP
Cooling method : F-1
Mounting : CW
Rotation¹ : Direct On Line
Starting method

Output 50% 75% 100%

Efficiency (%)
Power Factor

Foundation loads

Max. traction
Max. compression

	<u>Drive end</u>	<u>Non drive end</u>
Bearing type	6201 ZZ	6201 ZZ
Sealing	Without Bearing Seal	Without Bearing Seal
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	Mobil Polyrex EM	

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.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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Customer :

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	130 °C

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