

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Jet Pump - C type Three-Phase  
Product code : 12676388  
Catalog # : 00156OS3HJPR56C-S

Frame	: 56C	Locked rotor time	: 30s (cold) 17s (hot)
Output	: 1.5 HP (1.1 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C
Rated voltage	: 575 V	Altitude	: 1000 m.a.s.l.
Rated current	: 1.69 A	Cooling method	: IC01 - ODP
L. R. Amperes	: 11.5 A	Mounting	: F-1
LRC	: 6.8x(Code J)	Rotation <sup>1</sup>	: CCW
No load current	: 0.880 A	Noise level <sup>2</sup>	: 62.0 dB(A)
Rated speed	: 3460 rpm	Starting method	: Direct On Line
Slip	: 3.89 %		
Rated torque	: 2.25 ft.lb		
Locked rotor torque	: 220 %		
Breakdown torque	: 260 %		
Insulation class	: F		
Service factor	: 1.30		
Moment of inertia (J)	: 0.0648 sq.ft.lb		
Design	: A		

Output	25%	50%	75%	100%
Efficiency (%)	73.5	74.0	77.0	77.0
Power Factor	0.39	0.65	0.78	0.85

### 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				
Checked by				
Date	19/01/2018			

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