

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Jet Pump - C type Standard  
Efficiency Three-Phase

Product code : 12676391

Catalog # : 00336OS3EJPR56C-S

Frame : 56C  
Output : 3 HP (2.2 kW)  
Poles : 2  
Frequency : 60 Hz  
Rated voltage : 230/460 V  
Rated current : 7.78/3.89 A  
L. R. Amperes : 54.5/27.2 A  
LRC : 7.0x(Code J)  
No load current : 3.20/1.60 A  
Rated speed : 3450 rpm  
Slip : 4.17 %  
Rated torque : 4.57 ft.lb  
Locked rotor torque : 220 %  
Breakdown torque : 250 %  
Insulation class : F  
Service factor : 1.15  
Moment of inertia (J) : 0.0959 sq.ft.lb  
Design : A

Locked rotor time : 14s (cold) 8s (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> : CCW  
Noise level<sup>2</sup> : 62.0 dB(A)  
Starting method : Direct On Line  
Approx. weight<sup>3</sup> : 32.3 lb

Output	25%	50%	75%	100%
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Efficiency (%)	79.6	80.0	81.5	81.5
Power Factor	0.45	0.70	0.82	0.87

Foundation loads

Max. traction : 96 lb  
Max. compression : 128 lb

	Drive end	Non drive end
Bearing type	6203 2RS	6202 2RS
Sealing	Without Bearing Seal	Without Bearing Seal
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	Mobil Polyrex EM	

### Notes:

USABLE @208V 8.60A SF 1.00 SFA 8.60A

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	Date
Performed by		Page 1 / 1		
Checked by				
Date	27/03/2024			
		Revision		