



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

### Single-phase induction motor - Squirrel cage rotor

Customer :  
Product line : Jet Pump - NEMA 56 : Single-Phase - Threaded - ODP (IP21)

Frame : E56  
Output : 1.5 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3480 rpm  
Slip : 3.33 %  
Voltage : 115/208-230 V  
Rated current : 16.4/8.50-8.20 A  
Locked rotor current : 113/56.6 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.9  
No-load current : 9.40/4.70 A  
Full load torque : 2.23 lb.ft  
Locked rotor torque : 300 %  
Breakdown torque : 240 %  
Design : ---  
Insulation class : B  
Temperature rise : 80 K  
Locked rotor time : 6 s (hot)  
Service factor : 1.30 (1.00 at 208V)  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP21  
Approximate weight : 36 lb  
Moment of inertia : 0.04153 sq.ft.lb  
Noise level : ---

	D.E.	N.D.E.
Bearings	6203 2RS	6203 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	73.2
75%	0.72	72.6
50%	0.62	67.4

Notes:  
Downloaded from <http://dealerselectric.com>  
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