



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

### DATA SHEET

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

Customer :  
 Product line : Jet Pump - NEMA 56 : Three-Phase - Threaded - TEFC (IP55)

Frame : B56J  
 Output : 1.5 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3440 rpm  
 Slip : 4.44 %  
 Voltage : 208-230/460 V  
 Rated current : 4.25-3.90/1.95 A  
 Locked rotor current : 33.2/16.6 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.5  
 No-load current : 1.72/0.860 A  
 Full load torque : 2.26 lb.ft  
 Locked rotor torque : 450 %  
 Breakdown torque : 350 %  
 Design : A  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 15 s (hot)  
 Service factor : 1.15 (1.00 at 208V)  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 34 lb  
 Moment of inertia : 0.05102 sq.ft.lb  
 Noise level : ---

	D.E.	N.D.E.
Bearings	6203 2RS	6202 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	82.5
75%	0.82	80.0
50%	0.72	76.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00156ES3EJP56J

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