



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

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

Frame : F56H  
 Output : 3 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3460 rpm  
 Slip : 3.89 %  
 Voltage : 208-230/460 V  
 Rated current : 8.35-7.75/3.87 A  
 Locked rotor current : 54.2/27.1 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.0  
 No-load current : 4.02/2.01 A  
 Full load torque : 4.49 lb.ft  
 Locked rotor torque : 280 %  
 Breakdown torque : 300 %  
 Design : A  
 Insulation class : B  
 Temperature rise : 80 K  
 Locked rotor time : 10 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 : IP21  
 Approximate weight : 50 lb  
 Moment of inertia : 0.04960 sq.ft.lb  
 Noise level : ---

	D.E.	N.D.E.
Bearings	6204 2RS	6203 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.89	82.0
75%	0.82	82.0
50%	0.70	81.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00336OS3EJP56J

Performed by

Checked