



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Jet Pump: Three-Phase - W01 (Rolled Steel) - Threaded - ODP - Standard
Efficiency

Frame : 56J
Output : 1.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3460 rpm
Slip : 3.89 %
Voltage : 208-230/460 V
Rated current : 4.66-4.22/2.11 A
Locked rotor current : 28.7/14.3 A
Locked rotor current (I_L/I_N) : 6.8
No-load current : 2.20/1.10 A
Full load torque : 2.25 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 260 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 17 s (hot)
Service factor : 1.30
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 23 lb
Moment of inertia : 0.06478 sq.ft.lb
Noise level : 62 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.85	77.0
75%	0.78	77.0
50%	0.65	74.0

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #00156OS3EJPR56J-S

Performed by

Checked