



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 : 0.5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3495 rpm
 Slip : 2.92 %
 Voltage : 208-230/460 V
 Rated current : 1.98-1.79/0.897 A
 Locked rotor current : 11.1/5.56 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 1.30/0.650 A
 Full load torque : 0.741 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 290 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 33 s (hot)
 Service factor : 1.60
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 17 lb
 Moment of inertia : 0.03892 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.74	70.0
Regreasing interval	---	---	75%	0.65	66.0
Grease amount	---	---	50%	0.52	59.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.5036OS3EJP56J-S

Performed by

Checked