



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 - TEFC - Standard Efficiency

Frame : 56J
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3480 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 3.34-3.02/1.51 A
 Locked rotor current : 21.7/10.9 A
 Locked rotor current (I_L/I_n) : 7.2
 No-load current : 1.20/0.600 A
 Full load torque : 1.49 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 290 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 24 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 23 lb
 Moment of inertia : 0.06431 sq.ft.lb
 Noise level : 68 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.84	74.0
Regreasing interval	---	---	75%	0.79	72.0
Grease amount	---	---	50%	0.68	66.0

Notes:
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