



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 : 56HJ
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3470 rpm
 Slip : 3.61 %
 Voltage : 208-230/460 V
 Rated current : 6.24-5.64/2.82 A
 Locked rotor current : 39.5/19.7 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 2.60/1.30 A
 Full load torque : 2.99 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 10 s (hot)
 Service factor : 1.20
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 26 lb
 Moment of inertia : 0.07736 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.85	78.5
Regreasing interval	---	---	75%	0.79	78.5
Grease amount	---	---	50%	0.66	77.0

Notes:
 Downloaded from <http://dealerselectric.com>
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