



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame : 56
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1750 rpm
 Slip : 2.78 %
 Voltage : 115/208-230 V
 Rated current : 9.00/4.98-4.50 A
 Locked rotor current : 75.6/37.8 A
 Locked rotor current (I_L/I_n) : 8.4
 No-load current : 3.60/1.80 A
 Full load torque : 2.96 lb.ft
 Locked rotor torque : 260 %
 Breakdown torque : 250 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 36 lb
 Moment of inertia : 0.12316 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6204 ZZ	6202 ZZ	100%	0.87	82.6
Regreasing interval	---	---	75%	0.83	80.0
Grease amount	---	---	50%	0.75	75.0

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