



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 : W56
 Output : 0.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1745 rpm
 Slip : 3.06 %
 Voltage : 115/208-230 V
 Rated current : 5.50/3.04-2.75 A
 Locked rotor current : 42.3/21.2 A
 Locked rotor current (I_L/I_n) : 7.7
 No-load current : 3.60/1.80 A
 Full load torque : 1.48 lb.ft
 Locked rotor torque : 310 %
 Breakdown torque : 300 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.25 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 20 lb
 Moment of inertia : 0.05197 sq.ft.lb
 Noise level : 50 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.77	76.2
75%	0.70	71.0
50%	0.60	63.0

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