



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.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.77	76.2
Regreasing interval	---	---	75%	0.70	71.0
Grease amount	---	---	50%	0.60	63.0

Notes:

Downloaded from <http://dealerselectric.com>
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