



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) - TEFC - Standard Efficiency

Frame : W56
Output : 0.25 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1735 rpm
Slip : 3.61 %
Voltage : 115/208-230 V
Rated current : 4.60/2.54-2.30 A
Locked rotor current : 24.4/12.2 A
Locked rotor current (I_L/I_n) : 5.3
No-load current : 4.00/2.00 A
Full load torque : 0.747 lb.ft
Locked rotor torque : 310 %
Breakdown torque : 280 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.15 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 17 lb
Moment of inertia : 0.03180 sq.ft.lb
Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.60	57.0
Regreasing interval	---	---	75%	0.52	52.0
Grease amount	---	---	50%	0.43	43.0

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