



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 : 0.33 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3490 rpm
 Slip : 3.06 %
 Voltage : 115/208-230 V
 Rated current : 5.20/2.87-2.60 A
 Locked rotor current : 36.4/18.2 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 3.80/1.90 A
 Full load torque : 0.490 lb.ft
 Locked rotor torque : 290 %
 Breakdown torque : 290 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 8 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 : 19 lb
 Moment of inertia : 0.01898 sq.ft.lb
 Noise level : 66 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.76	54.0
Regreasing interval	---	---	75%	0.69	50.0
Grease amount	---	---	50%	0.61	42.0

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