



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 : 0.25 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1745 rpm
Slip : 3.06 %
Voltage : 115/208-230 V
Rated current : 3.20/1.77-1.60 A
Locked rotor current : 24.0/12.0 A
Locked rotor current (I_L/I_n) : 7.5
No-load current : 2.40/1.20 A
Full load torque : 0.742 lb.ft
Locked rotor torque : 290 %
Breakdown torque : 300 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 s (hot)
Service factor : 1.35 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 17 lb
Moment of inertia : 0.03583 sq.ft.lb
Noise level : 50 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.71	68.5
Regreasing interval	---	---	75%	0.65	62.0
Grease amount	---	---	50%	0.56	53.0

Notes:

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