



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 : 56
Output : 1.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3500 rpm
Slip : 2.78 %
Voltage : 115/208-230 V
Rated current : 13.3/6.90-6.65 A
Locked rotor current : 102/51.2 A
Locked rotor current (I_L/I_n) : 7.7
No-load current : 3.20/1.60 A
Full load torque : 2.22 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 270 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 10 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 32 lb
Moment of inertia : 0.06288 sq.ft.lb
Noise level : 58 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6204 ZZ	6202 ZZ	100%	0.89	81.5
Regreasing interval	---	---	75%	0.89	79.0
Grease amount	---	---	50%	0.88	73.0

Notes:

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