



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Single-Phase : NEMA 48 & 56 ODP - Start Capacitor

Frame : D56
Output : 0.75 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1745 rpm
Slip : 3.06 %
Voltage : 115/208-230 V
Rated current : 11.6/5.78 A
Locked rotor current : 70.5/35.3 A
Locked rotor current (I_L/I_n) : 6.1
No-load current : 8.91/4.46 A
Full load torque : 2.23 lb.ft
Locked rotor torque : 330 %
Breakdown torque : 280 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 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 : IP21
Approximate weight : 30 lb
Moment of inertia : 0.10702 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6204 ZZ	6203 ZZ	100%	0.62	67.0
Regreasing interval	---	---	75%	0.53	66.0
Grease amount	---	---	50%	0.42	59.0

Notes:

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