



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 : 1 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1730 rpm
 Slip : 3.89 %
 Voltage : 115/208-230 V
 Rated current : 13.0/6.50 A
 Locked rotor current : 72.8/36.4 A
 Locked rotor current (I_L/I_n) : 5.6
 No-load current : 8.67/4.34 A
 Full load torque : 2.99 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 240 %
 Design : ---
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 6 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 : IP21
 Approximate weight : 36 lb
 Moment of inertia : 0.13384 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6204 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.69	71.8
75%	0.61	71.0
50%	0.49	66.0

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