



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 : G56H
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3490 rpm
 Slip : 3.06 %
 Voltage : 115/208-230 V
 Rated current : 31.0/16.0-15.5 A
 Locked rotor current : 217/109 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 17.0/8.50 A
 Full load torque : 4.45 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 250 %
 Design : ---
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 6 s (hot)
 Service factor : 1.00 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 42 lb
 Moment of inertia : 0.07214 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6204 ZZ	6203 ZZ	100%	0.80	78.0
Regreasing interval	---	---	75%	0.73	78.0
Grease amount	---	---	50%	0.61	75.0

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