



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Compressor Duty : Single-Phase - ODP

Frame : D56
Output : 2 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3440 rpm
Slip : 4.44 %
Voltage : 115/208-230 V
Rated current : 22.0/12.0-11.0 A
Locked rotor current : 125/62.7 A
Locked rotor current (I_L/I_n) : 5.7
No-load current : 11.0/5.50 A
Full load torque : 3.01 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 190 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.00 (1.00 at 208V)
Duty cycle : COMPRESSOR
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 38 lb
Moment of inertia : 0.04983 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.84	70.0
75%	0.77	70.0
50%	0.67	67.0

Notes:
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