



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : NEMA 56 Frames - ODP

Frame : A56
Output : 0.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3480 rpm
Slip : 3.33 %
Voltage : 208-230/460 V
Rated current : 1.85-1.82/0.909 A
Locked rotor current : 10.9/5.45 A
Locked rotor current (I_L/I_n) : 6.0
No-load current : 1.39/0.693 A
Full load torque : 0.744 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 300 %
Design : A
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 15 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 : 20 lb
Moment of inertia : 0.01946 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.77	66.0
75%	0.68	62.5
50%	0.57	55.0

Notes:
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