



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 - TEFC

Frame : B56
Output : 0.25 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 1.05-1.00/0.500 A
Locked rotor current : 7.00/3.50 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 0.800/0.400 A
Full load torque : 0.736 lb.ft
Locked rotor torque : 290 %
Breakdown torque : 380 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 10 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 : IP55
Approximate weight : 23 lb
Moment of inertia : 0.07119 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6203 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.67	70.0
75%	0.58	66.0
50%	0.49	59.0

Notes:
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