



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 : B56
 Output : 0.75 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3450 rpm
 Slip : 4.17 %
 Voltage : 208-230/460 V
 Rated current : 2.45-2.39/1.20 A
 Locked rotor current : 13.6/6.82 A
 Locked rotor current (I_L/I_n) : 5.7
 No-load current : 1.53/0.765 A
 Full load torque : 1.13 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 250 %
 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 : 22 lb
 Moment of inertia : 0.02207 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.81	72.0
75%	0.73	70.0
50%	0.61	64.0

Notes:
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