



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 : F56H
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1710 rpm
 Slip : 5.00 %
 Voltage : 208-230/460 V
 Rated current : 6.20-6.12/3.06 A
 Locked rotor current : 39.2/19.6 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 4.40/2.20 A
 Full load torque : 6.06 lb.ft
 Locked rotor torque : 250 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : B
 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 : IP21
 Approximate weight : 39 lb
 Moment of inertia : 0.10323 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.80	77.0
75%	0.71	77.0
50%	0.59	74.0

Notes:
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