



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 : D56
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1720 rpm
 Slip : 4.44 %
 Voltage : 208-230/460 V
 Rated current : 4.70-4.42/2.21 A
 Locked rotor current : 27.4/13.7 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 2.80/1.40 A
 Full load torque : 4.52 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 260 %
 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 : 31 lb
 Moment of inertia : 0.09041 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	77.0
75%	0.72	76.0
50%	0.59	74.0

Notes:
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