



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : IEC Tru-Metric - TEFC (IP55) - Aluminum Frame

Frame : 71
 Output : 0.5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3420 rpm
 Slip : 5.00 %
 Voltage : 230/460 V
 Rated current : 1.65/0.826 A
 Locked rotor current : 11.2/5.62 A
 Locked rotor current (I_L/I_n) : 6.8
 No-load current : 1.00/0.500 A
 Full load torque : 0.757 lb.ft
 Locked rotor torque : 270 %
 Breakdown torque : 270 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 9 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 17 lb
 Moment of inertia : 0.00783 sq.ft.lb
 Noise level : 60 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.77	73.0
75%	0.68	72.0
50%	0.56	67.0

Notes:
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