



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 : 100L
Output : 1 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 865 rpm
Slip : 3.89 %
Voltage : 460 V
Rated current : 2.31 A
Locked rotor current : 10.6 A
Locked rotor current (I_L/I_n) : 4.6
No-load current : 1.75 A
Full load torque : 5.99 lb.ft
Locked rotor torque : 160 %
Breakdown torque : 240 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 53 lb
Moment of inertia : 0.26601 sq.ft.lb
Noise level : 54 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.55	74.0
75%	0.46	72.0
50%	0.37	70.0

Notes:

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