



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W21 IE3 IEC Tru-Metric - TEFC (IP55) Multi-Mounting Aluminum Frame

Frame : 100L
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1150 rpm
 Slip : 4.17 %
 Voltage : 460 V
 Rated current : 2.31 A
 Locked rotor current : 13.2 A
 Locked rotor current (I_L/I_n) : 5.7
 No-load current : 1.44 A
 Full load torque : 6.76 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 280 %
 Design : N
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 42 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 63 lb
 Moment of inertia : 0.26103 sq.ft.lb
 Noise level : 44 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.70	84.0
75%	0.63	83.0
50%	0.50	82.5

Notes:
 Downloaded from <http://dealerselectric.com>
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