



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 : 2 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1155 rpm
 Slip : 3.75 %
 Voltage : 460 V
 Rated current : 3.15 A
 Locked rotor current : 19.8 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 2.08 A
 Full load torque : 8.97 lb.ft
 Locked rotor torque : 250 %
 Breakdown torque : 320 %
 Design : N
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 31 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 71 lb
 Moment of inertia : 0.33934 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%	0.69	86.5
75%	0.61	85.5
50%	0.48	82.5

Notes:
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