



Dealers Industrial Equipment

No.:

Date: 13-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 : 112M
 Output : 5.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1755 rpm
 Slip : 2.50 %
 Voltage : 460 V
 Rated current : 7.28 A
 Locked rotor current : 58.2 A
 Locked rotor current (I_L/I_n) : 8.0
 No-load current : 4.25 A
 Full load torque : 16.2 lb.ft
 Locked rotor torque : 250 %
 Breakdown torque : 350 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 19 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 84 lb
 Moment of inertia : 0.43117 sq.ft.lb
 Noise level : 56 dB(A)

	D.E.	N.D.E.
Bearings	6307 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.77	89.5
75%	0.70	89.5
50%	0.58	87.5

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