



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 : 132M
 Output : 4 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 460 V
 Rated current : 6.01 A
 Locked rotor current : 37.9 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 3.76 A
 Full load torque : 17.7 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 290 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 68 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 132 lb
 Moment of inertia : 1.0750 sq.ft.lb
 Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6308 ZZ	6207 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.70	89.5
75%	0.62	88.5
50%	0.49	85.5

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