



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : W22 Cooling Tower Motors: NEMA Premium - TEFC

Frame : 215T
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1760 rpm
 Slip : 2.22 %
 Voltage : 200 V
 Rated current : 28.5 A
 Locked rotor current : 183 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 13.0 A
 Full load torque : 29.4 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 17 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 172 lb
 Moment of inertia : 1.5104 sq.ft.lb
 Noise level : 58 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.83	91.7
75%	0.77	91.7
50%	0.66	90.2

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