



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : W22 NEMA Premium - Ball Bearings

Frame : 213/5T
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 865 rpm
 Slip : 3.89 %
 Voltage : 575 V
 Rated current : 3.65 A
 Locked rotor current : 24.8 A
 Locked rotor current (I_L/I_n) : 6.8
 No-load current : 2.17 A
 Full load torque : 18.0 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 44 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 176 lb
 Moment of inertia : 2.1065 sq.ft.lb
 Noise level : 52 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.71	85.5
75%	0.63	85.5
50%	0.50	84.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00309ET3H215T-W22

Performed by

Checked