



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Brake Motor - NEMA Premium Efficiency

Frame : 213/5T
Output : 10 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3515 rpm
Slip : 2.36 %
Voltage : 208-230/460 V
Rated current : 25.7-23.2/11.6 A
Locked rotor current : 160/80.0 A
Locked rotor current (I_L/I_N) : 6.9
No-load current : 6.00/3.00 A
Full load torque : 14.7 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 290 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 24 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 183 lb
Moment of inertia : 0.63620 sq.ft.lb
Noise level : 72 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.90	90.2
75%	0.87	90.2
50%	0.79	89.5

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #01036ET3EBM215T-W22

Performed by

Checked