



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 215T
Output : 10 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3510 rpm
Slip : 2.50 %
Voltage : 575 V
Rated current : 9.28 A
Locked rotor current : 64.0 A
Locked rotor current (I_L/I_n) : 6.9
No-load current : 2.40 A
Full load torque : 14.8 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 280 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 150 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 201 lb
Moment of inertia : 0.55125 sq.ft.lb
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6308 2RS	6207 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.90	90.2
75%	0.88	90.2
50%	0.81	89.5

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #01036XT3H215T

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