



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 : 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 : 14.8 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 #01036XT3E215T

Performed by

Checked