



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Rolled Steel Motor - NEMA Premium Efficiency

Frame : 215T
 Output : 5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1160 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 15.1-13.7/6.83 A
 Locked rotor current : 90.2/45.1 A
 Locked rotor current (I_L/I_n) : 6.6
 No-load current : 7.50/3.75 A
 Full load torque : 22.3 lb.ft
 Locked rotor torque : 190 %
 Breakdown torque : 240 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 57 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 142 lb
 Moment of inertia : 1.4717 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6208 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.76	89.5
75%	0.70	89.5
50%	0.58	88.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00512ET3ERS215T

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