



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Brake Motors : Three-Phase - High Efficiency

Frame : 215T
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3500 rpm
 Slip : 2.78 %
 Voltage : 230/460 V
 Rated current : 23.4/11.7 A
 Locked rotor current : 161/80.7 A
 Locked rotor current (I_L/I_n) : 6.9
 No-load current : 6.76/3.38 A
 Full load torque : 14.8 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 20 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 154 lb
 Moment of inertia : 0.57664 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	89.5
75%	0.88	89.5
50%	0.81	88.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #01036EP3EBM215T

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