



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 213T
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 230/460 V
 Rated current : 8.30/4.15 A
 Locked rotor current : 50.6/25.3 A
 Locked rotor current (I_L/I_n) : 6.1
 No-load current : 5.00/2.50 A
 Full load torque : 13.3 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 76 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 110 lb
 Moment of inertia : 0.99334 sq.ft.lb
 Noise level : 55 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.74	87.5
75%	0.68	86.5
50%	0.56	84.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00312EP3ER213TC-W22

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