



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Oil Well Pumping : High Slip - NEMA Design "D" - TEFC (IP55)

Frame : 215T
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1060 rpm
 Slip : 11.67 %
 Voltage : 208-230/460 V
 Rated current : 11.0-9.96/4.98 A
 Locked rotor current : 44.8/22.4 A
 Locked rotor current (I_L/I_n) : 4.5
 No-load current : 6.00/3.00 A
 Full load torque : 14.7 lb.ft
 Locked rotor torque : 350 %
 Breakdown torque : 0 %
 Design : D
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 19 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 125 lb
 Moment of inertia : 0.92001 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%	0.73	73.9
75%	0.65	75.0
50%	0.54	73.9

Notes:
 Downloaded from <http://dealerselectric.com>
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