



Dealers Industrial Equipment

No.:

Date: 13-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 : 5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1070 rpm
Slip : 10.83 %
Voltage : 208-230/460 V
Rated current : 16.4-14.8/7.40 A
Locked rotor current : 91.8/45.9 A
Locked rotor current (I_L/I_N) : 6.2
No-load current : 8.40/4.20 A
Full load torque : 24.2 lb.ft
Locked rotor torque : 380 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 25 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 170 lb
Moment of inertia : 1.5638 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%	0.79	77.5
75%	0.71	78.1
50%	0.59	77.5

Notes:

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