



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" - ODP

Frame : 215T
Output : 5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1135 rpm
Slip : 5.42 %
Voltage : 208-230/460 V
Rated current : 15.8-14.3/7.15 A
Locked rotor current : 91.5/45.8 A
Locked rotor current (I_L/I_N) : 6.4
No-load current : 8.00/4.00 A
Full load torque : 22.8 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 115 lb
Moment of inertia : 1.1958 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	85.5
75%	0.69	85.1
50%	0.57	84.1

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #00512OS3EOW215T

Performed by

Checked