



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" - ODP

Frame : 184T
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1125 rpm
 Slip : 6.25 %
 Voltage : 208-230/460 V
 Rated current : 7.43-6.72/3.36 A
 Locked rotor current : 39.6/19.8 A
 Locked rotor current (I_L/I_n) : 5.9
 No-load current : 3.80/1.90 A
 Full load torque : 9.21 lb.ft
 Locked rotor torque : 380 %
 Breakdown torque : 0 %
 Design : D
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 14 s (hot)
 Service factor : 1.00
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 70 lb
 Moment of inertia : 0.53226 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6206 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.69	81.3
75%	0.60	80.8
50%	0.48	75.0

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