



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 : 256T
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1110 rpm
 Slip : 7.50 %
 Voltage : 208-230/460 V
 Rated current : 28.9-26.1/13.1 A
 Locked rotor current : 160/79.8 A
 Locked rotor current (I_L/I_n) : 6.1
 No-load current : 6.50/3.25 A
 Full load torque : 46.7 lb.ft
 Locked rotor torque : 330 %
 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 : 307 lb
 Moment of inertia : 4.4311 sq.ft.lb
 Noise level : 59 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6209 C3
Regreasing interval	20000 h	20000 h
Grease amount	13 g	9 g

Load	Power factor	Efficiency (%)
100%	0.90	80.0
75%	0.88	82.0
50%	0.82	82.0

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