



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Oil Well Pumping : High Slip - NEMA Design "D" - TEFC (IP55)

Frame : 254/6T
Output : 7.5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1115 rpm
Slip : 7.08 %
Voltage : 208-230/460 V
Rated current : 21.2-18.8/9.40 A
Locked rotor current : 122/61.1 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 6.40/3.20 A
Full load torque : 34.8 lb.ft
Locked rotor torque : 320 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 14 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 243 lb
Moment of inertia : 2.9162 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%	0.89	82.5
75%	0.85	84.0
50%	0.77	82.5

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