



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 : 5 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 825 rpm
Slip : 8.33 %
Voltage : 208-230/460 V
Rated current : 16.3-14.5/7.27 A
Locked rotor current : 91.6/45.8 A
Locked rotor current (I_L/I_n) : 6.3
No-load current : 6.00/3.00 A
Full load torque : 31.4 lb.ft
Locked rotor torque : 300 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 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 : 3.1449 sq.ft.lb
Noise level : 54 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%	0.83	77.0
75%	0.76	77.0
50%	0.64	75.5

Notes:

Downloaded from <http://dealerselectric.com>
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