



Dealers Industrial Equipment

No.:

Date: 23-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 : 326T
 Output : 30 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1135 rpm
 Slip : 5.42 %
 Voltage : 208-230/460 V
 Rated current : 78.5-71.0/35.5 A
 Locked rotor current : 483/241 A
 Locked rotor current (I_L/I_n) : 6.8
 No-load current : 23.0/11.5 A
 Full load torque : 137 lb.ft
 Locked rotor torque : 320 %
 Breakdown torque : 0 %
 Design : D
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 12 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 580 lb
 Moment of inertia : 11.919 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6312 C3	6212 C3
Regreasing interval	20000 h	20000 h
Grease amount	21 g	13 g

Load	Power factor	Efficiency (%)
100%	0.87	89.4
75%	0.83	89.0
50%	0.76	85.6

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