



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" - ODP

Frame : 324T
Output : 25 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1120 rpm
Slip : 6.67 %
Voltage : 208-230/460 V
Rated current : 74.3-67.2/33.6 A
Locked rotor current : 363/181 A
Locked rotor current (I_L/I_N) : 5.4
No-load current : 27.6/13.8 A
Full load torque : 116 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 28 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP23
Approximate weight : 485 lb
Moment of inertia : 7.8750 sq.ft.lb
Noise level : 60 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.80	86.5
75%	0.75	87.5
50%	0.63	86.5

Notes:

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