



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 : 326T
Output : 30 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1120 rpm
Slip : 6.67 %
Voltage : 208-230/460 V
Rated current : 86.3-78.0/39.0 A
Locked rotor current : 437/218 A
Locked rotor current (I_L/I_n) : 5.6
No-load current : 32.0/16.0 A
Full load torque : 139 lb.ft
Locked rotor torque : 290 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 29 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP23
Approximate weight : 529 lb
Moment of inertia : 9.1519 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	88.5
75%	0.75	88.5
50%	0.64	88.0

Notes:

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