



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 : 284T
 Output : 15 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1105 rpm
 Slip : 7.92 %
 Voltage : 208-230/460 V
 Rated current : 40.0-36.2/18.1 A
 Locked rotor current : 224/112 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 11.2/5.60 A
 Full load torque : 70.3 lb.ft
 Locked rotor torque : 280 %
 Breakdown torque : 0 %
 Design : D
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.00
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 331 lb
 Moment of inertia : 5.2356 sq.ft.lb
 Noise level : 58 dB(A)

	D.E.	N.D.E.
Bearings	6311 Z-C3	6211 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.88	86.5
75%	0.84	87.0
50%	0.75	86.5

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