



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JM" Type - ODP - NEMA Premium Efficiency

Frame : 254/6JM
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1180 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 30.7-27.8/13.9 A
 Locked rotor current : 147/73.7 A
 Locked rotor current (I_L/I_n) : 5.3
 No-load current : 14.7/7.33 A
 Full load torque : 43.9 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 230 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 34 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 209 lb
 Moment of inertia : 2.4985 sq.ft.lb
 Noise level : 59 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6208 Z-C3	100%	0.74	91.7
Regreasing interval	20000 h	20000 h	75%	0.68	91.7
Grease amount	13 g	8 g	50%	0.56	91.0

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