



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JM" Type - TEFC - High Efficiency

Frame : 254/6JM
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3530 rpm
 Slip : 1.94 %
 Voltage : 208-230/460 V
 Rated current : 63.5-57.4/28.7 A
 Locked rotor current : 476/238 A
 Locked rotor current (I_L/I_n) : 8.3
 No-load current : 20.1/10.0 A
 Full load torque : 36.7 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 340 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 8 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 221 lb
 Moment of inertia : 1.3078 sq.ft.lb
 Noise level : 75 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6208 Z-C3	100%	0.89	91.0
Regreasing interval	15797 h	20000 h	75%	0.85	91.7
Grease amount	13 g	8 g	50%	0.77	91.0

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