



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump : Three-Phase - "JM" Type - ODP - NEMA Premium

Frame : 364/5JM
 Output : 75 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3560 rpm
 Slip : 1.11 %
 Voltage : 208-230/460 V
 Rated current : 185-167/83.4 A
 Locked rotor current : 1070/534 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 47.0/23.5 A
 Full load torque : 109 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 14 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 695 lb
 Moment of inertia : 6.8107 sq.ft.lb
 Noise level : 80 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	14418 h	14418 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.88	94.1
75%	0.85	94.1
50%	0.78	93.6

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