



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 - "JM" Type - ODP - NEMA Premium

Frame : 184JM
 Output : 5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1755 rpm
 Slip : 2.50 %
 Voltage : 575 V
 Rated current : 5.13 A
 Locked rotor current : 37.4 A
 Locked rotor current (I_L/I_n) : 7.3
 No-load current : 2.40 A
 Full load torque : 14.8 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 290 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 12 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 62 lb
 Moment of inertia : 0.34954 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6207 ZZ	6205 ZZ	100%	0.81	89.5
Regreasing interval	---	---	75%	0.75	89.5
Grease amount	---	---	50%	0.63	88.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00518OT3H184JM

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