



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 - High Efficiency - Vertical Motors

Frame : 184JM
Output : 7.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3485 rpm
Slip : 3.19 %
Voltage : 230/460 V
Rated current : 17.9/8.97 A
Locked rotor current : 126/62.8 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 6.20/3.10 A
Full load torque : 11.1 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 300 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 13 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 60 lb
Moment of inertia : 0.16350 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6207 ZZ	6205 ZZ	100%	0.88	87.5
Regreasing interval	---	---	75%	0.84	87.5
Grease amount	---	---	50%	0.75	86.5

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