



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 - "JM" Type - ODP - NEMA Premium

Frame : 213/5JM
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3520 rpm
 Slip : 2.22 %
 Voltage : 208-230/460 V
 Rated current : 26.2-23.7/11.9 A
 Locked rotor current : 171/85.4 A
 Locked rotor current (I_L/I_n) : 7.2
 No-load current : 8.40/4.20 A
 Full load torque : 14.7 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 121 lb
 Moment of inertia : 0.48813 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6209 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	90.2
75%	0.83	90.2
50%	0.73	89.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #01036OT3E213JM

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