



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 - ODP - NEMA Premium Efficiency

Frame : 213/5JM
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3535 rpm
 Slip : 1.81 %
 Voltage : 200/400 V
 Rated current : 27.6/13.8 A
 Locked rotor current : 188/93.8 A
 Locked rotor current (I_L/I_n) : 6.8
 No-load current : 10.7/5.36 A
 Full load torque : 14.7 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 11 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 117 lb
 Moment of inertia : 0.46511 sq.ft.lb
 Noise level : 66 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6209 ZZ	6206 ZZ	100%	0.88	89.5
Regreasing interval	---	---	75%	0.84	89.5
Grease amount	---	---	50%	0.74	88.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #01036OT3V213JM-S

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