



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JM" Type - TEFC - NEMA Premium Efficiency

Frame : 213/5JM
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1175 rpm
 Slip : 2.08 %
 Voltage : 208-230/460 V
 Rated current : 9.22-8.34/4.17 A
 Locked rotor current : 53.4/26.7 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 4.71/2.36 A
 Full load torque : 13.2 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 290 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 46 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 130 lb
 Moment of inertia : 1.0807 sq.ft.lb
 Noise level : 55 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6209 ZZ	6206 ZZ	100%	0.74	89.5
Regreasing interval	---	---	75%	0.67	88.5
Grease amount	---	---	50%	0.55	85.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00312ET3E213JM-S

Performed by

Checked