



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 - TEFC - High Efficiency

Frame : 254/6JM
 Output : 20 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3515 rpm
 Slip : 2.36 %
 Voltage : 208-230/460 V
 Rated current : 52.0-47.0/23.5 A
 Locked rotor current : 296/148 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 14.0/7.00 A
 Full load torque : 29.5 lb.ft
 Locked rotor torque : 190 %
 Breakdown torque : 260 %
 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 : IP55
 Approximate weight : 193 lb
 Moment of inertia : 1.0463 sq.ft.lb
 Noise level : 75 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6208 Z-C3	100%	0.89	90.2
Regreasing interval	15797 h	20000 h	75%	0.86	91.0
Grease amount	13 g	8 g	50%	0.78	90.2

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02036EP3E256JM-S

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