



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Jet Pump - NEMA 56 : Three-Phase - Threaded - TEFC (IP55)

Frame : D56J
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3460 rpm
 Slip : 3.89 %
 Voltage : 208-230/460 V
 Rated current : 5.75-5.40/2.70 A
 Locked rotor current : 48.6/24.3 A
 Locked rotor current (I_L/I_n) : 9.0
 No-load current : 2.60/1.30 A
 Full load torque : 2.99 lb.ft
 Locked rotor torque : 420 %
 Breakdown torque : 400 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 10 s (hot)
 Service factor : 1.15 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 36 lb
 Moment of inertia : 0.06288 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6204 2RS	6202 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.86	81.5
75%	0.79	80.0
50%	0.67	77.0

Notes:
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