



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 - ODP (IP21)

Frame : D56
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3460 rpm
 Slip : 3.89 %
 Voltage : 208-230/460 V
 Rated current : 5.70-5.36/2.68 A
 Locked rotor current : 43.4/21.7 A
 Locked rotor current (I_L/I_n) : 8.1
 No-load current : 2.58/1.29 A
 Full load torque : 2.99 lb.ft
 Locked rotor torque : 330 %
 Breakdown torque : 340 %
 Design : A
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 10 s (hot)
 Service factor : 1.20 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 39 lb
 Moment of inertia : 0.04129 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.87	81.0
75%	0.80	80.5
50%	0.68	78.0

Notes:
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