



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 - Keyed - ODP (IP21)

Frame : A56
 Output : 0.33 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3500 rpm
 Slip : 2.78 %
 Voltage : 208-230/460 V
 Rated current : 1.34-1.40/0.698 A
 Locked rotor current : 7.96/3.98 A
 Locked rotor current (I_L/I_n) : 5.7
 No-load current : 1.10/0.550 A
 Full load torque : 0.488 lb.ft
 Locked rotor torque : 260 %
 Breakdown torque : 320 %
 Design : A
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.75 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 22 lb
 Moment of inertia : 0.01661 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 2RS	6202 2RS	100%	0.72	63.0
Regreasing interval	---	---	75%	0.64	57.0
Grease amount	---	---	50%	0.54	48.0

Notes:
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