



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Jet Pump - NEMA 56 : Single-Phase - Threaded - ODP (IP21)

Frame : E56
Output : 0.75 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3500 rpm
Slip : 2.78 %
Voltage : 115/208-230 V
Rated current : 8.90/4.70-4.45 A
Locked rotor current : 53.4/26.7 A
Locked rotor current (I_L/I_n) : 6.0
No-load current : 5.40/2.70 A
Full load torque : 1.11 lb.ft
Locked rotor torque : 230 %
Breakdown torque : 250 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.50 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 32 lb
Moment of inertia : 0.03322 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 2RS	6203 2RS	100%	0.79	68.3
Regreasing interval	---	---	75%	0.71	68.4
Grease amount	---	---	50%	0.60	61.0

Notes:

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