



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: Fractional Explosion Proof Motors

Frame : 56
 Output : 0.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1725 rpm
 Slip : 4.17 %
 Voltage : 208-230/460 V
 Rated current : 1.77-1.60/0.802 A
 Locked rotor current : 10.6/5.29 A
 Locked rotor current (I_L/I_n) : 6.6
 No-load current : 1.20/0.600 A
 Full load torque : 1.50 lb.ft
 Locked rotor torque : 290 %
 Breakdown torque : 400 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 13 s (hot)
 Service factor : 1.00
 Duty cycle : S1
 Ambient temperature : -20°C - +50°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 24 lb
 Moment of inertia : 0.01709 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6203 ZZ	100%	0.75	77.2
Regreasing interval	---	---	75%	0.67	75.0
Grease amount	---	---	50%	0.55	69.0

Notes:
 Downloaded from <http://dealerselectric.com>
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