



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame : 56
 Output : 0.33 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1160 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 1.54-1.40/0.698 A
 Locked rotor current : 6.98/3.49 A
 Locked rotor current (I_L/I_n) : 5.0
 No-load current : 1.20/0.600 A
 Full load torque : 1.47 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 280 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 35 s (hot)
 Service factor : 1.35
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 18 lb
 Moment of inertia : 0.07095 sq.ft.lb
 Noise level : 50 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.63	71.4
Regreasing interval	---	---	75%	0.53	66.0
Grease amount	---	---	50%	0.42	59.5

Notes:

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