



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) General Purpose ODP

Frame : 254/6T
Output : 7.5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1175 rpm
Slip : 2.08 %
Voltage : 208-230/460 V
Rated current : 22.5-20.4/10.2 A
Locked rotor current : 104/52.0 A
Locked rotor current (I_L/I_N) : 5.1
No-load current : 10.7/5.37 A
Full load torque : 33.1 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 230 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 37 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 187 lb
Moment of inertia : 1.9990 sq.ft.lb
Noise level : 59 dB(A)

	D.E.	N.D.E.
Bearings	6309 Z-C3	6208 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	13 g	8 g

Load	Power factor	Efficiency (%)
100%	0.75	90.2
75%	0.68	90.2
50%	0.56	88.5

Notes:

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