



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 254/6T
 Output : 20 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1770 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 54.6-49.4/24.7 A
 Locked rotor current : 366/183 A
 Locked rotor current (I_L/I_n) : 7.4
 No-load current : 22.0/11.0 A
 Full load torque : 58.5 lb.ft
 Locked rotor torque : 260 %
 Breakdown torque : 300 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 30 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 326 lb
 Moment of inertia : 4.2911 sq.ft.lb
 Noise level : 64 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6209 C3
Regreasing interval	20000 h	20000 h
Grease amount	13 g	9 g

Load	Power factor	Efficiency (%)
100%	0.81	94.1
75%	0.75	93.6
50%	0.63	93.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02018EG3E256T-W22

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