



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : W22 High Efficiency

Frame : 256T
 Output : 20 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1760 rpm
 Slip : 2.22 %
 Voltage : 230/460 V
 Rated current : 48.6/24.3 A
 Locked rotor current : 292/146 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 18.0/9.00 A
 Full load torque : 58.9 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 240 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 14 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 262 lb
 Moment of inertia : 2.8580 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%	0.85	91.0
75%	0.81	91.0
50%	0.72	90.2

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02018EP3ER256TC-W22

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