



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 256T
 Output : 20 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1770 rpm
 Slip : 1.67 %
 Voltage : 575 V
 Rated current : 20.0 A
 Locked rotor current : 150 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 9.44 A
 Full load torque : 58.5 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 20 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 364 lb
 Moment of inertia : 2.8889 sq.ft.lb
 Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6309 2RS-C3	6209 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.81	93.0
75%	0.75	92.4
50%	0.63	91.7

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02018XT3H256T

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