



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Rolled Steel Motor - NEMA Premium Efficiency

Frame : 256T
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 29.3-26.5/13.3 A
 Locked rotor current : 183/91.4 A
 Locked rotor current (I_L/I_n) : 6.9
 No-load current : 12.5/6.25 A
 Full load torque : 44.3 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 290 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 22 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 254 lb
 Moment of inertia : 4.4311 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6309 ZZ	6209 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.78	91.0
75%	0.67	91.0
50%	0.60	90.2

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #01012ET3ERS256TC

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