



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 254T
 Output : 15 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1765 rpm
 Slip : 1.94 %
 Voltage : 208-230/460 V
 Rated current : 39.8-36.0/18.0 A
 Locked rotor current : 248/124 A
 Locked rotor current (I_L/I_n) : 6.9
 No-load current : 16.0/8.00 A
 Full load torque : 44.0 lb.ft
 Locked rotor torque : 250 %
 Breakdown torque : 250 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 33 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 232 lb
 Moment of inertia : 2.6198 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.83	92.4
75%	0.77	92.4
50%	0.67	91.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #01518ET3ERS254T

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