



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 : 326T
 Output : 30 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1180 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 81.2-73.4/36.7 A
 Locked rotor current : 521/261 A
 Locked rotor current (I_L/I_n) : 7.1
 No-load current : 34.0/17.0 A
 Full load torque : 132 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 270 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 25 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 695 lb
 Moment of inertia : 12.471 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6312 2RS-C3	6212 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

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

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #03012XT3E326T

Performed by

Checked