



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 364/5T
Output : 75 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1780 rpm
Slip : 1.11 %
Voltage : 575 V
Rated current : 66.6 A
Locked rotor current : 466 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 22.4 A
Full load torque : 218 lb.ft
Locked rotor torque : 240 %
Breakdown torque : 290 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 937 lb
Moment of inertia : 23.251 sq.ft.lb
Noise level : 75 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	9789 h	9789 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.87	95.4
75%	0.83	95.0
50%	0.74	94.5

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #07518XT3H365T

Performed by

Checked