



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Explosion Proof - High Efficiency

Frame : 365T
 Output : 40 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 885 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 116-105/52.4 A
 Locked rotor current : 587/293 A
 Locked rotor current (I_L/I_n) : 5.6
 No-load current : 42.5/21.3 A
 Full load torque : 234 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 220 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 42 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP54
 Approximate weight : 1047 lb
 Moment of inertia : 29.040 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6314 C3	6314 C3	100%	0.79	91.0
Regreasing interval	17353 h	17353 h	75%	0.75	91.0
Grease amount	27 g	27 g	50%	0.66	89.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #04009XP3E365T

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