



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : ODP – Open Induction Motors – NEMA Premium Efficiency

Frame : 444/5T
 Output : 150 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1185 rpm
 Slip : 1.25 %
 Voltage : 460 V
 Rated current : 183 A
 Locked rotor current : 1210 A
 Locked rotor current (I_L/I_n) : 6.6
 No-load current : 85.0 A
 Full load torque : 656 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 240 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 18 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 2007 lb
 Moment of inertia : 57.166 sq.ft.lb
 Noise level : 79 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	20000 h	20000 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.79	95.4
75%	0.73	95.0
50%	0.62	94.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #15012OT3G445T

Performed by

Checked