



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 447/9T
Output : 250 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1785 rpm
Slip : 0.83 %
Voltage : 460 V
Rated current : 286 A
Locked rotor current : 2150 A
Locked rotor current (I_L/I_n) : 7.5
No-load current : 120 A
Full load torque : 726 lb.ft
Locked rotor torque : 270 %
Breakdown torque : 290 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 21 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 2536 lb
Moment of inertia : 104.15 sq.ft.lb
Noise level : 75 dB(A)

	D.E.	N.D.E.
Bearings	6322 C3	6319 C3
Regreasing interval	6000 h	8000 h
Grease amount	60 g	45 g

Load	Power factor	Efficiency (%)
100%	0.84	96.8
75%	0.78	96.5
50%	0.68	96.2

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #25018EG3G449T-W22

Performed by

Checked