



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : NEMA 56 Frames - TEFC

Frame : D56
 Output : 0.75 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1160 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 2.88-2.95/1.48 A
 Locked rotor current : 17.4/8.70 A
 Locked rotor current (I_L/I_n) : 5.9
 No-load current : 2.25/1.13 A
 Full load torque : 3.35 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 350 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.15 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 35 lb
 Moment of inertia : 0.14214 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.
Bearings	6204 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.58	81.5
75%	0.49	80.0
50%	0.38	75.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.7512ES3ED56

Performed by

Checked