



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

## DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :  
 Product line : Fire Pump Motors - ODP Three Phase - Foot Mount and Flange Mount

Frame : 256T  
 Output : 25 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3530 rpm  
 Slip : 1.94 %  
 Voltage : 200/400 V  
 Rated current : 67.4/33.7 A  
 Locked rotor current : 404/202 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.0  
 No-load current : 21.6/10.8 A  
 Full load torque : 36.7 lb.ft  
 Locked rotor torque : 200 %  
 Breakdown torque : 250 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 10 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP23  
 Approximate weight : 230 lb  
 Moment of inertia : 0.97744 sq.ft.lb  
 Noise level : 67 dB(A)

	D.E.	N.D.E.
Bearings	6309 Z-C3	6209 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	13 g	9 g

Load	Power factor	Efficiency (%)
100%	0.87	91.0
75%	0.84	91.0
50%	0.76	90.2

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #02536OP3VFP256TC

Performed by

Checked