

4004

Firestone

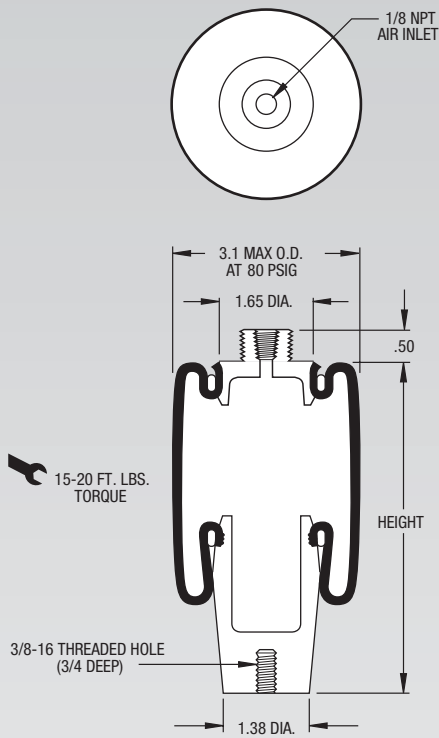
AIRSTROKE™

ACTUATORS

AIRMOUNT™

ISOLATORS

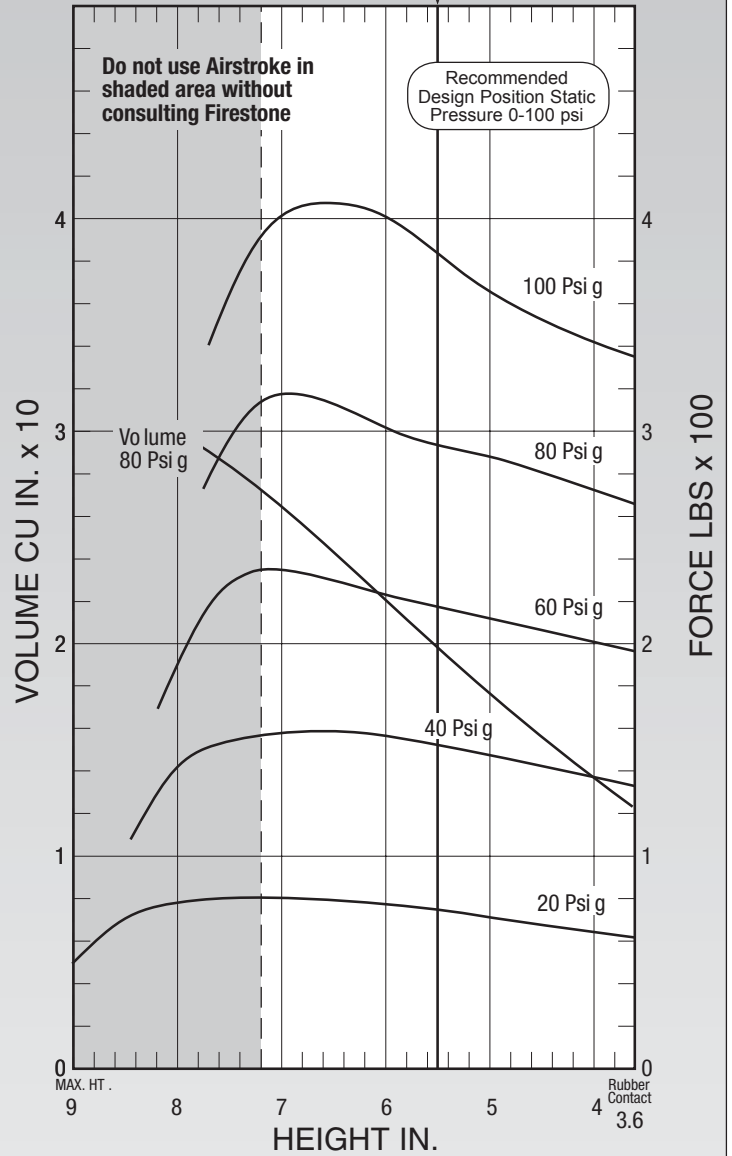
Description		Assembly Order No.
Style 4004	Blind nut, 1/8 NPT	W02-358-4004
Two Ply Bellows		
Assembly weight.....		.7 lbs.



NOTE: Bellows will not compress properly with less than 10 PSIG internal pressure.

CONSULT FIRESTONE BEFORE USING AS AIRMOUNT

RECOMMENDED AIRMOUNT DESIGN HEIGHT 5.5 INCHES



See page 12 for instructions on how to use chart.

Dynamic Characteristics at 5.5 in. Design Height (Required for Airmount isolator design only)				
Volume @ 80 PSIG = 20 in ³			Natural Frequency	
Gage Pressure (PSIG)	Load (lbs.)	Spring Rate (lbs./in.)	CPM	HZ
40	150	55	113	1.88
60	220	70	107	1.78
80	290	91	105	1.74
100	380	99	95	1.59

Force Table (Use for Airstroke™ actuator design)						
Assembly Height (in.)	Volume @ 80 PSIG (in ³)	Pounds Force				
		@20 PSIG	@40 PSIG	@60 PSIG	@80 PSIG	@100 PSIG
7.0	26	80	160	230	320	410
6.0	22	80	160	220	300	400
5.0	18	70	150	210	290	370
4.0	14	60	140	200	270	340