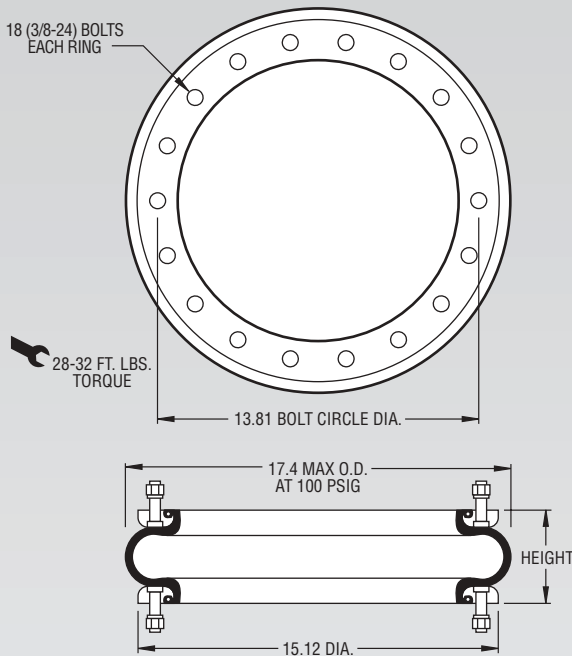
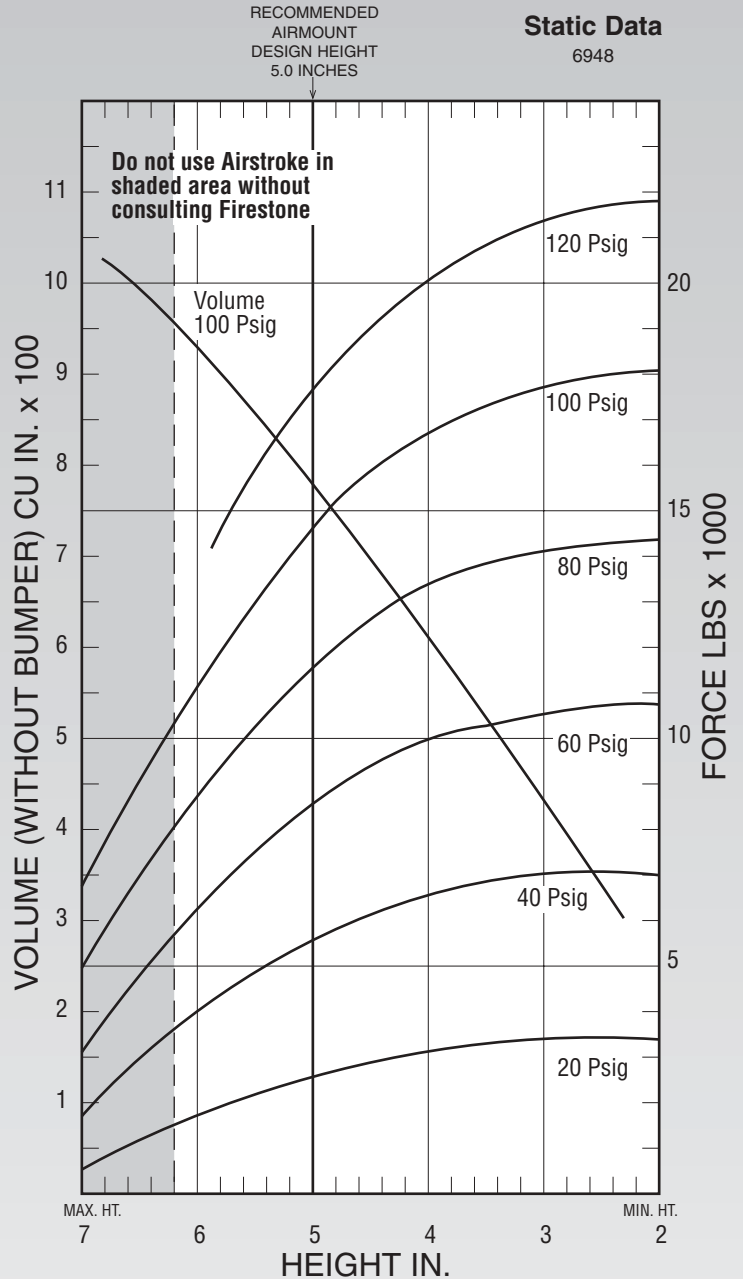


Description		Assembly Order No.
Style 119	Ribbed neck aluminum bead rings (equal spacing), 1 7/8 bolts, nuts, washers	WO1-358-7478
Two Ply	Rubber bellows only	WO1-358-0119
Bellows	Rolled Plate Assembly, 1/2 blind nuts, 3/4 NPT	WO1-358-7477
Assembly weight .....		13.2 lbs.
Force to collapse to minimum height (@ 0 PSIG).....		17 lbs.



**NOTE: A bead plate part is shown. This part is also available with rolled plates. See page 11 for explanation.**



See page 12 for instructions on how to use chart.

Dynamic Characteristics at 5.0 in. Design Height (Required for Airmount isolator design only)				
Volume @ 100 PSIG = 787 in <sup>3</sup>			Natural Frequency	
Gage Pressure (PSIG)	Load (lbs.)	Spring Rate (lbs./in.)	CPM	HZ
40	5,490	3,478	149	2.49
60	8,450	4,880	143	2.38
80	11,450	6,186	138	2.30
100	14,520	7,523	135	2.25

Force Table (Use for Airstroke® actuator design)						
Assembly Height (in.)	Volume @ 100 PSIG (in <sup>3</sup> )	Pounds Force				
		@20 PSIG	@40 PSIG	@60 PSIG	@80 PSIG	@100 PSIG
6.0	932	1,640	3,800	6,100	8,550	11,070
5.0	787	2,560	5,490	8,450	11,450	14,520
4.0	617	3,080	6,470	9,850	13,190	16,600
3.0	436	3,310	6,920	10,530	14,030	17,630