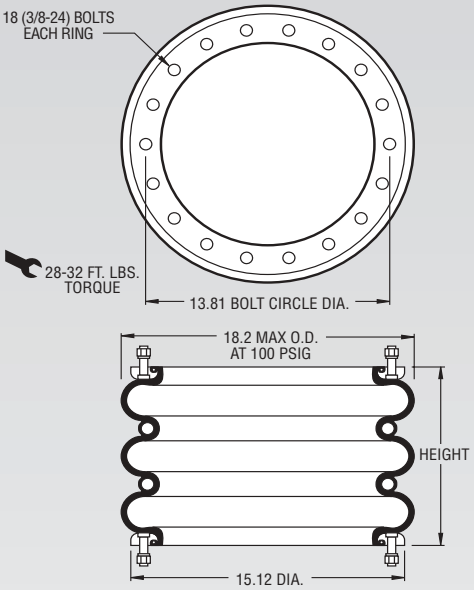
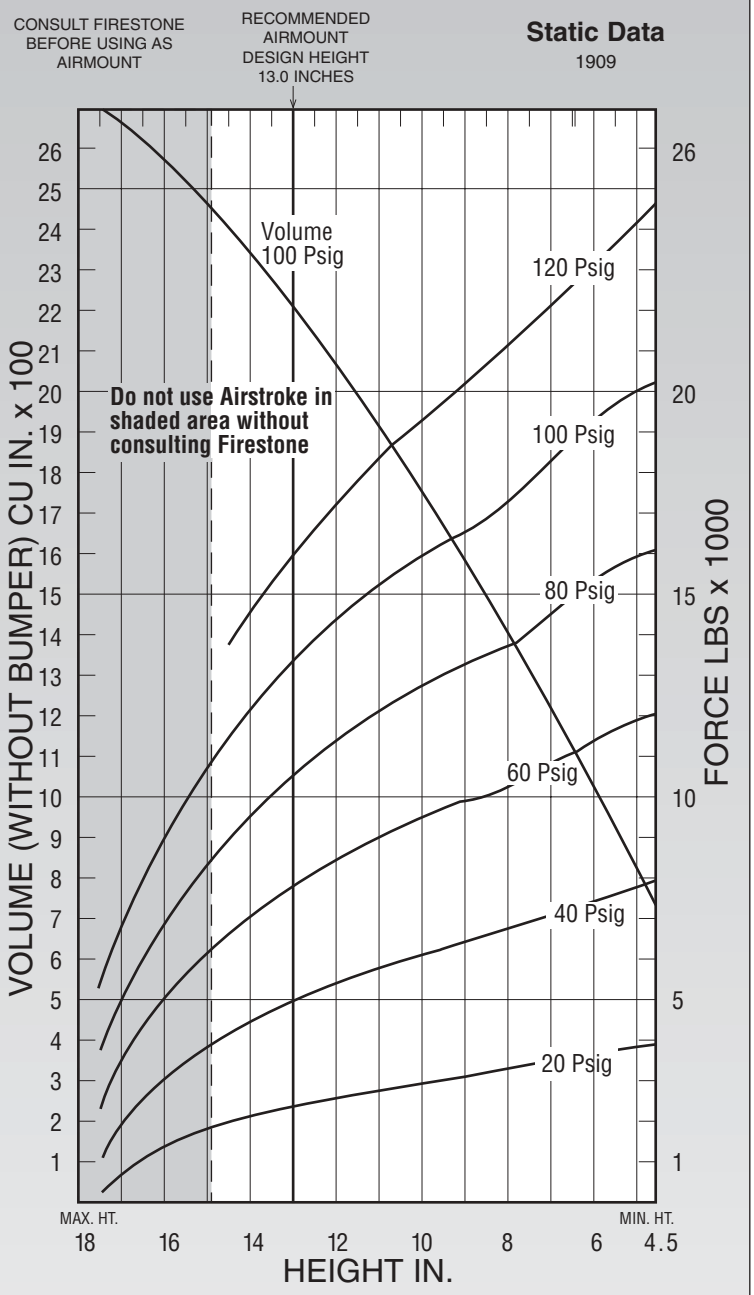
	Description	Assembly Order No.
Style 312 Two Ply Bellows	Ribbed neck aluminum bead rings (equal spacing), 1 7/8 bolts, nuts, washers	WO1-358-7761
	Ribbed neck aluminum bead rings (unequal spacing) 1 7/8 b,n,w	WO1-358-7760
	Rolled plate assembly, 1/2 blind nuts, 3/4 NPT	WO1-358-7286
	Rubber bellows only	WO1-358-7914
Assembly weight ..... 24.8 lbs		
Force to collapse to minimum height (@ 0 PSIG).... 135 lbs.		

Style 314 High Strength Bellows	Ribbed neck aluminum bead rings (equal spacing), 1 7/8 bolts, nuts, washers	WO1-358-8003
	Ribbed neck aluminum bead rings (unequal spacing) 1 7/8 b,n,w	WO1-358-8004
	Rolled plate assembly, 1/2 blind nuts, 3/4 NPT	WO1-358-8009
	Rubber bellows only	WO1-358-7926



NOTE: A bead ring 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 13.0 in. Design Height (Required for Airmount isolator design only)				
Volume @ 100 PSIG = 2,207 in³			Natural Frequency	
Gage Pressure (PSIG)	Load (lbs.)	Spring Rate (lbs./in.)	CPM	HZ
40	5,100	1,056	85	1.42
60	7,930	1,536	83	1.38
80	10,730	1,950	80	1.33
100	13,530	2,371	79	1.31

Force Table (Use for Airstroke® actuator design)						
Assembly Height (in.)	Volume @ 100 PSIG (in³)	Pounds Force				
		@20 PSIG	@40 PSIG	@60 PSIG	@80 PSIG	@100 PSIG
14.0	2,342	2,300	4,640	7,230	9,820	12,420
12.0	2,061	2,760	5,510	8,560	11,510	14,450
10.0	1,744	3,130	6,260	9,620	12,870	16,060
8.0	1,400	3,340	6,940	10,370	13,820	17,440
6.0	1,021	3,790	7,580	11,510	15,350	19,280