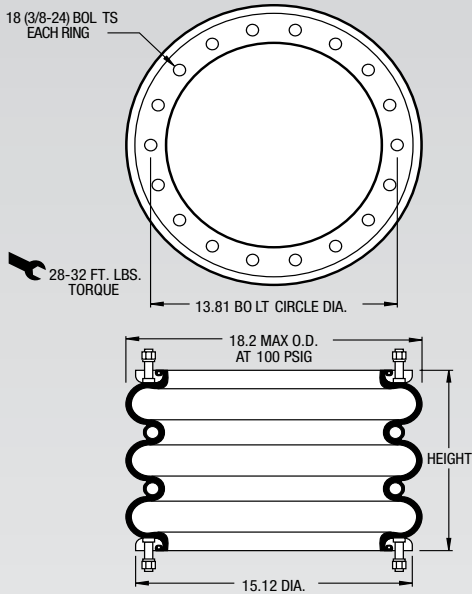


Description		Assembly Order No.
Style 312	Ribbed neck aluminum bead rings (equal spacing), 1 7/8 bolts, nuts, washers	W01-358-7761
Two Ply Bellows	Ribbed neck aluminum bead rings (unequal spacing) 1 7/8 b,n,w	W01-358-7760
	Rolled plate assembly*, 1/2 blind nuts, 3/4 NPT	W01-358-7286
	Rubber bellows only	W01-358-7914
Assembly weight .....		24.8 lbs
Force to collapse to minimum height (@ 0 PSIG)		135 lbs.

Style 314	Ribbed neck aluminum bead rings (equal spacing), 1 7/8 bolts, nuts, washers	W01-358-8003
High Strength Bellows	Ribbed neck aluminum bead rings (unequal spacing) 1 7/8 b,n,w	W01-358-8004
	Rubber bellows only	W01-358-7926



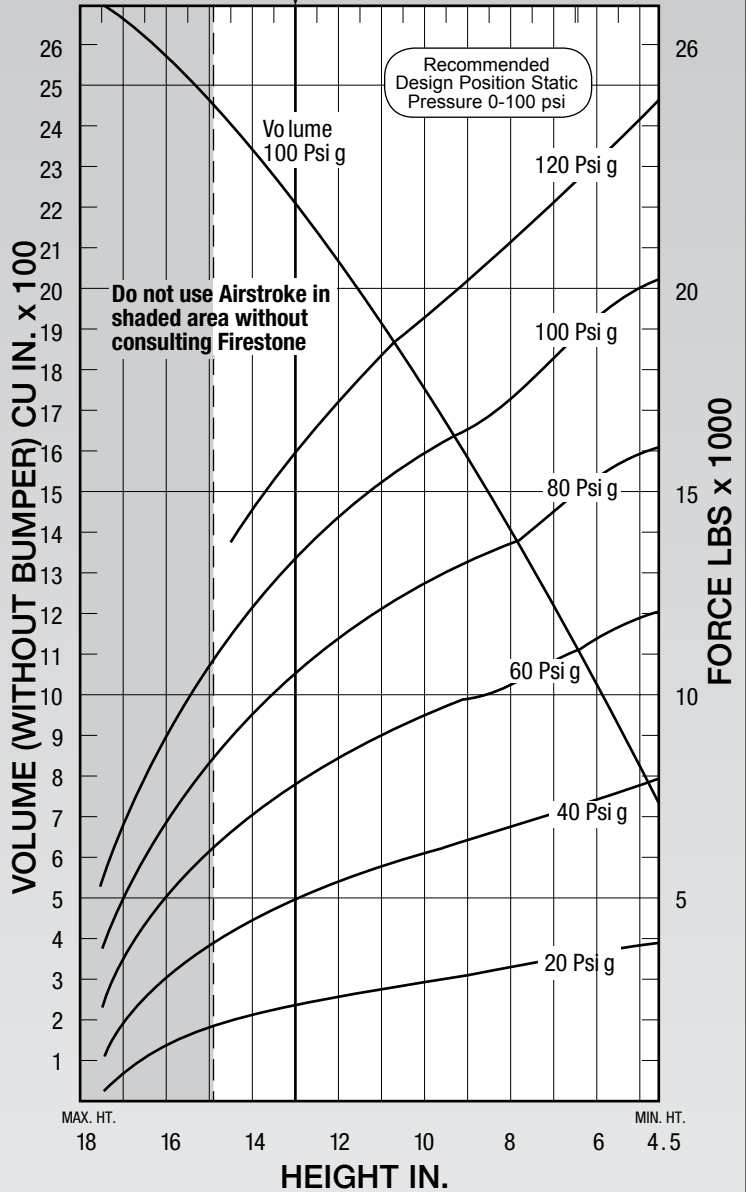
**NOTE: A bead ring part is shown. This part is also available with rolled plates. See page 11 for explanation.**

\*Increase the minimum height by .70 inch. Add .70 inch to the height (bottom axis) before reading loads.

Dynamic Characteristics at 13.0 in. Design Height (Required for Airmount isolator design only)				
Volume @ 100 PSIG = 2,207 in <sup>3</sup>			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

CONSULT FIRESTONE BEFORE USING AS AIRMOUNT

RECOMMENDED AIRMOUNT DESIGN HEIGHT 13.0 INCHES



See page 12 for instructions on how to use chart.

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
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