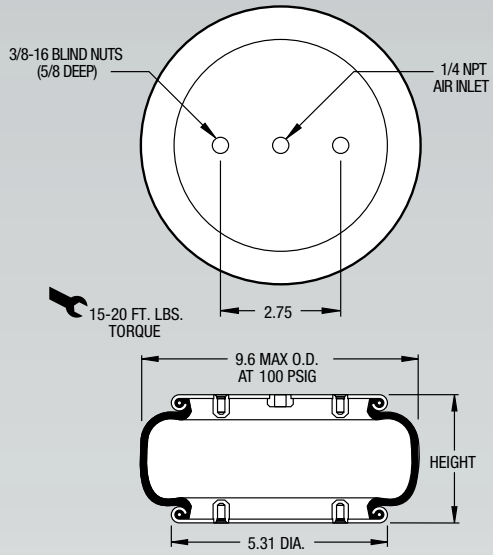
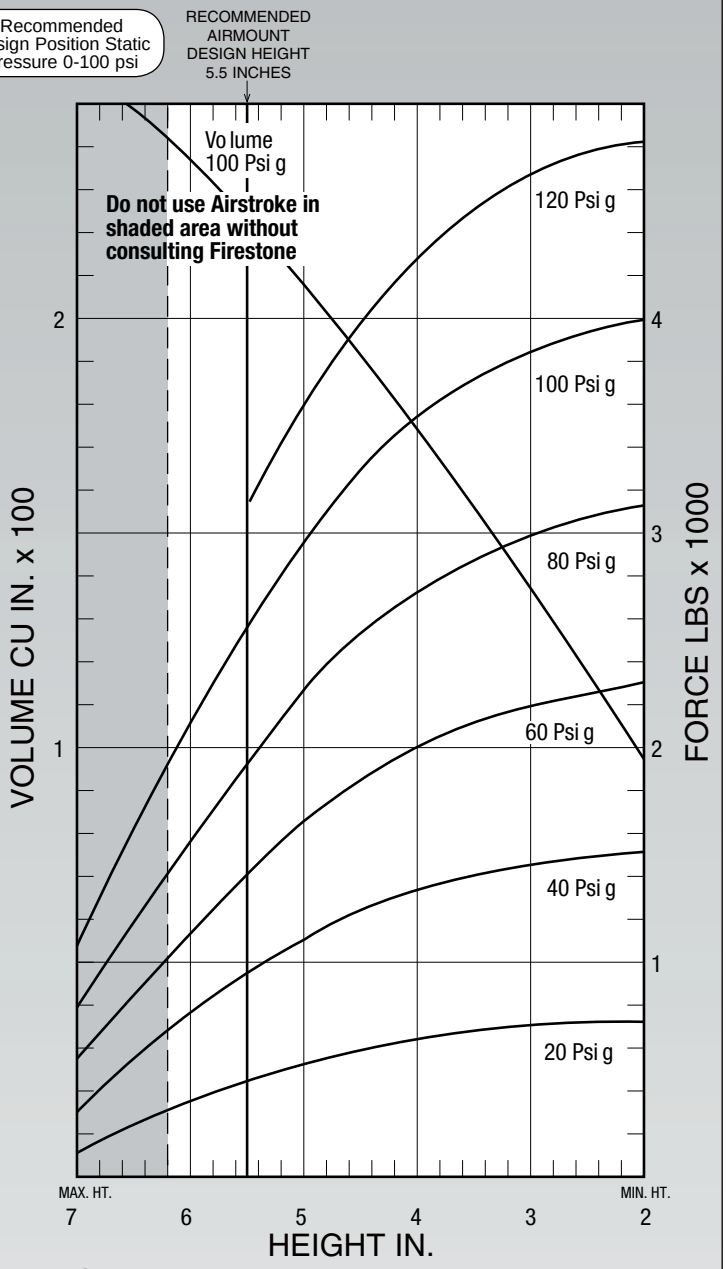
	Description	Assembly Order No.
Style 116-1 Two Ply Bellows	Blind nuts, 1/4 NPT	W01-358-7598
	Blind nuts, 3/4 NPT	W01-358-7605
Assembly weight..... 4.6 lbs.		
Force to collapse to minimum height (@ 0 PSIG)..... 37 lbs.		



NOTE: A bead plate part is shown. This part is also available with bead rings. See pages 8-10 for explanation.



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 @ 100 PSIG = 225 in^3			Natural Frequency	
Gage Pressure (PSIG)	Load (lbs.)	Spring Rate (lbs./in.)	CPM	HZ
40	940	564	145	2.42
60	1,410	803	141	2.36
80	1,930	1,054	139	2.31
100	2,530	1,327	136	2.26

Force Table (Use for Airstroke™ actuator design)						
Assembly Height (in.)	Volume @ 100 PSIG (in^3)	Pounds Force				
		@20 PSIG	@40 PSIG	@60 PSIG	@80 PSIG	@100 PSIG
6.0	237	360	750	1,150	1,580	2,090
5.0	210	540	1,100	1,650	2,240	2,920
4.0	178	650	1,330	2,000	2,710	3,490
3.0	139	710	1,450	2,200	2,980	3,810