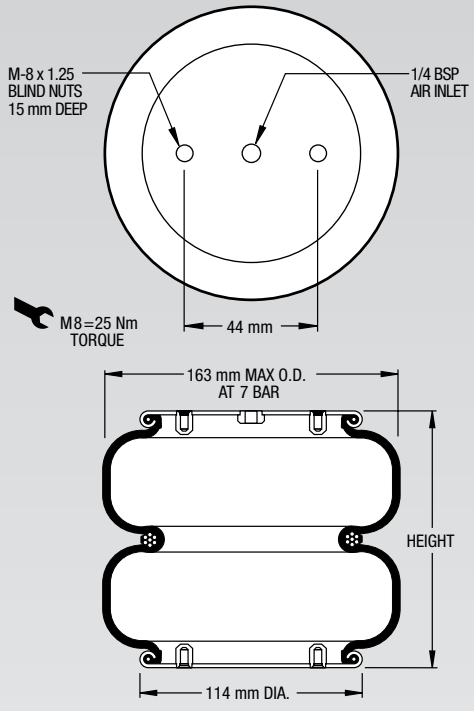
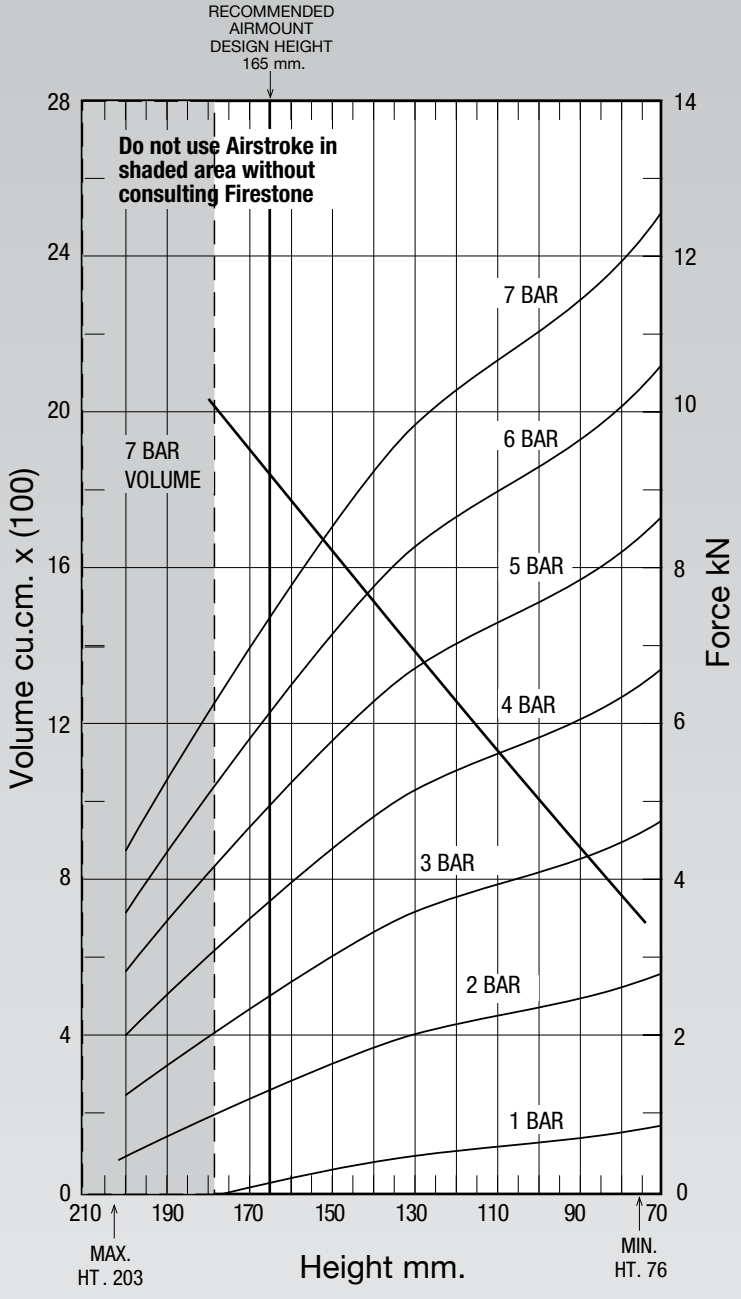
NOTE: Replacement for Style 255-1.5

267-1.5 Firestone AIRSTROKE ACTUATORS AIRMOUNT ISOLATORS

NOTE: All Assembly Order Numbers are for bead plate parts unless noted otherwise.

	Description	Assembly Order No.
Style 255-1.5 Two Ply Bellows	Blind nuts, 1/4 BSP	W01-M58-6105
	Socket head aluminum bead rings (bolts, nuts, washers not included, use cap screws)	W01-358-6833
	Rubber bellows only	W01-358-0048
Assembly weight .....1.7 kg.		
Force to collapse to minimum height (@ 0 BAR) 190 N.		





NOTE: A bead plate part is shown. This part is also available with bead rings. Bolts are not included. See pages 8-10 for explanation.

See page 12 for instructions on how to use chart.

Dynamic Characteristics at 165 mm Design Height
(Required for Airmount isolator design only)

Gauge Pressure (BAR)	Load (kN)	Spring Rate (kN/m)	Natural Frequency Hz
3	3.2	59	2.30
4	4.3	73	2.21
5	5.3	90	2.16
6	6.5	106	2.11
7	7.5	121	2.08

Force Table (Use for Airstroke™ actuator design)

Assembly Height (mm)	Volume @ 7 BAR (cu cm)	EFF Area @ 7 BAR (cm sq)	kN Force @ 3 BAR	@ 4 BAR	@ 5 BAR	@6 BAR	@7 BAR
175	2048	86	2.5	3.4	4.3	5.2	6.0
150	1786	107	3.2	4.3	5.3	6.4	7.5
125	1491	123	3.6	4.9	6.1	7.3	8.6
100	1163	134	4.0	5.3	6.7	8.0	9.4
75	803	143	4.2	5.7	7.1	8.5	10.0
60	623	156	4.7	6.2	7.8	9.4	10.9