

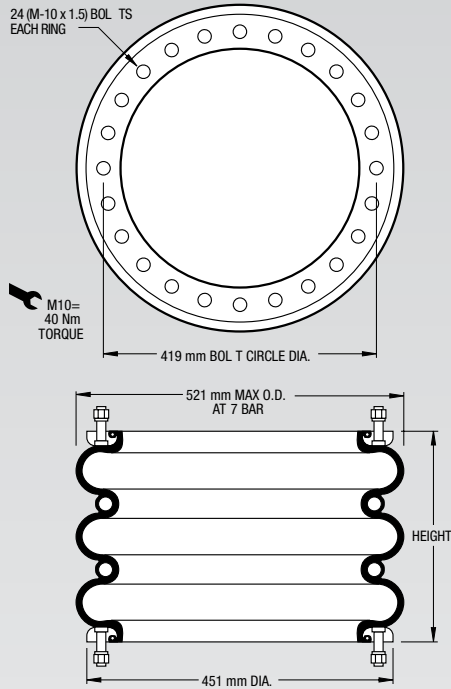
NOTE: All Assembly Order Numbers are for bead ring parts unless noted otherwise.

	Description	Assembly Order No.
Style 323	Ribbed neck aluminum bead rings (equal spacing), 45 mm bolts, nuts, washers	W01-M58-6980
Two Ply Bellows	Rolled plate assembly, 1/2 blind nuts, 3/4 NPT	W01-358-7274
	Rubber bellows only	W01-358-7921

Assembly weight14.11 kg.

Force to collapse to minimum height (@ 0 BAR) 311 N.

	Description	Assembly Order No.
Style 324	Ribbed neck aluminum bead rings (equal spacing), 45 mm bolts, nuts, washers	W01-M58-6968
High Strength Construction	Rubber bellows only	W01-358-0324



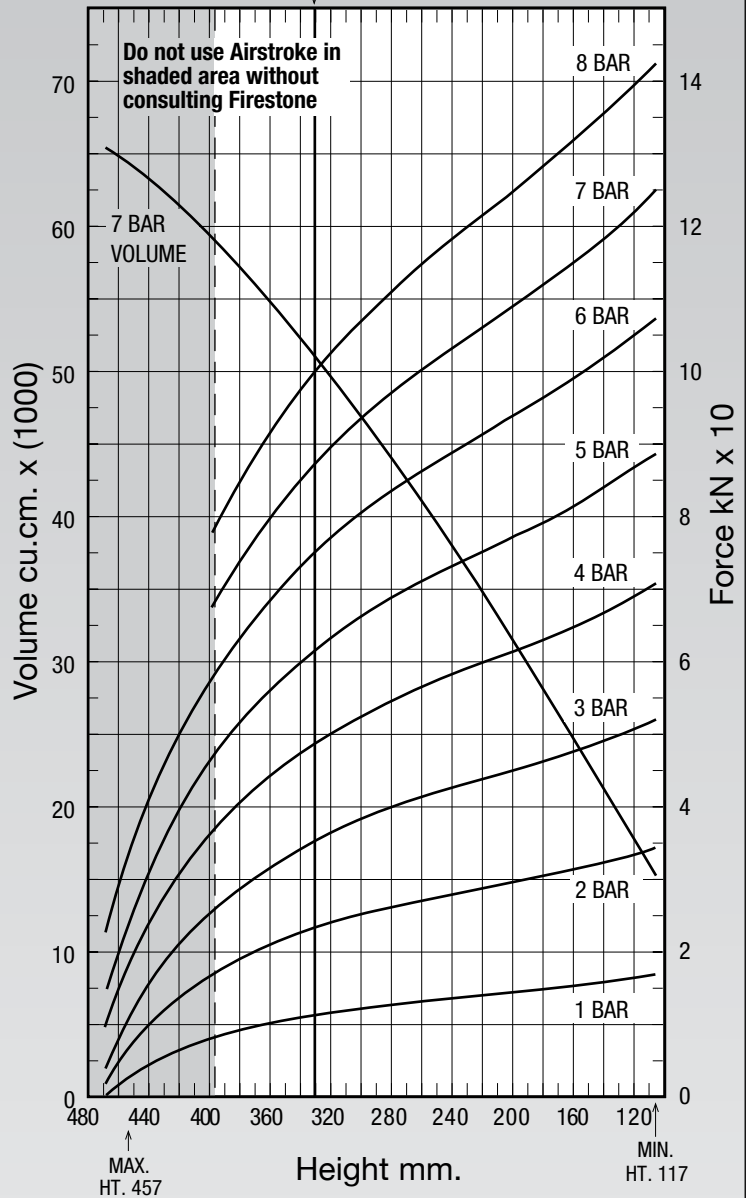
NOTE: A bead ring part is shown. This part is also available with rolled plates. See page 11 for explanation.

**Increase the minimum height by 18 mm. Add 18 mm to the height (bottom axis) before reading loads.*

Dynamic Characteristics at 330 mm Design Height (Required for Airmount isolator design only)			
Gauge Pressure (BAR)	Load (kN)	Spring Rate (kN/m)	Natural Frequency Hz
3	35.44	282	1.41
4	48.94	359	1.35
5	61.63	439	1.33
6	75.25	519	1.31
7	87.73	591	1.29

CONSULT FIRESTONE BEFORE USING AS AIRMOUNT

RECOMMENDED AIRMOUNT DESIGN HEIGHT 330 mm.



See page 12 for instructions on how to use chart.

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
390	58273	1014	27.34	38.66	49.98	60.53	70.98
350	53588	1185	33.11	46.04	58.01	71.01	82.92
310	48222	1314	37.50	51.49	64.81	79.00	91.98
270	42438	1416	40.88	55.72	70.14	85.30	99.14
230	36340	1503	43.49	59.18	74.48	90.52	105.18
190	29824	1585	45.86	62.40	78.51	95.46	110.96
150	22961	1676	48.67	66.06	83.04	100.93	117.33