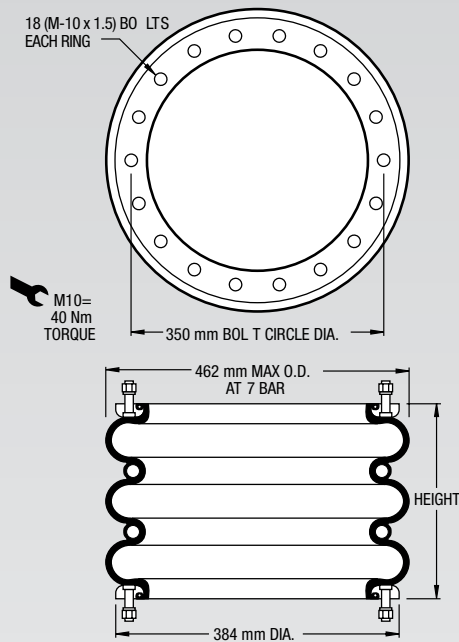


NOTE: All Assembly Order Numbers are for bead ring parts unless noted otherwise.

	Description	Assembly Order No.
Style 312	Ribbed neck aluminum bead rings (equal spacing), 45 mm bolts, nuts, washers	W01-M58-7530
Two Ply Bellows	Rolled plate assembly, 1/2 blind nuts, 3/4 NPT	W01-358-7286
	Rubber bellows only	W01-358-7914
Assembly weight.....		11.25 kg.
Force to collapse to minimum height (@ 0 BAR)		600 N.

Style 314	Aluminum ribbed neck bead rings (equal spacing), 45 mm bolts, nuts, washers	W01-M58-6981
High Strength Construction	Rolled plate assembly, 1/2 blind nuts, 3/4 NPT	W01-358-8009
	Rubber bellows only	W01-358-7926



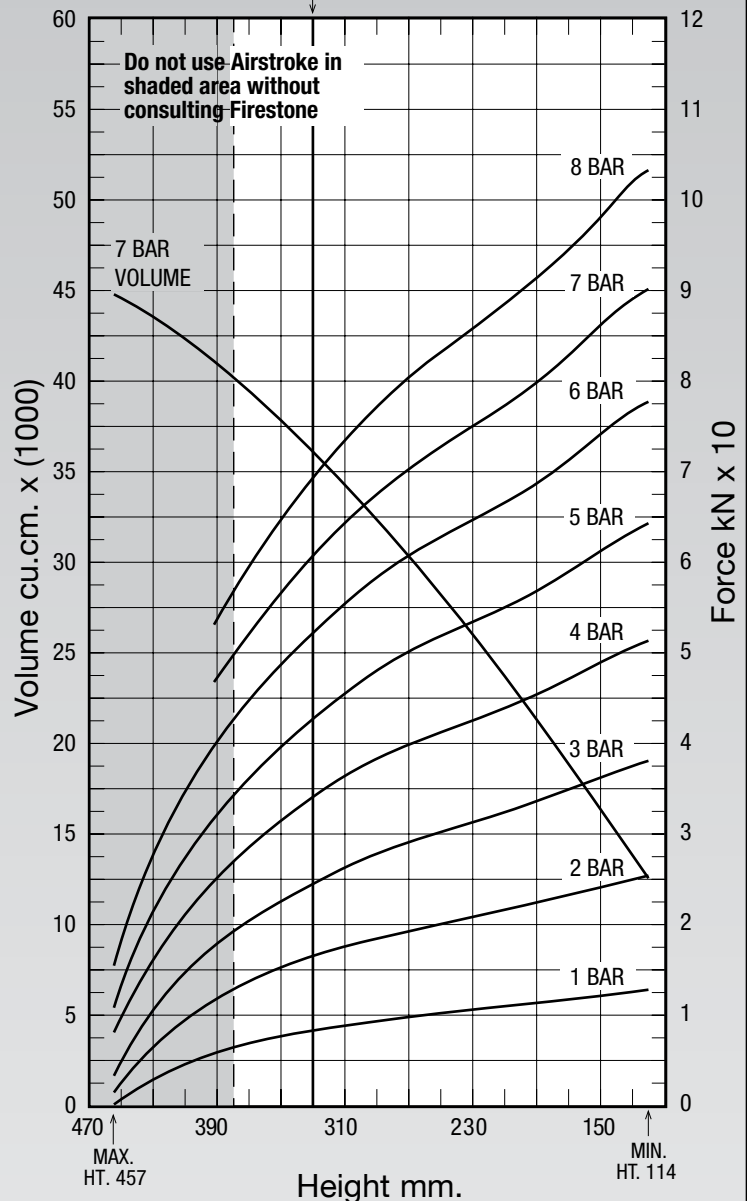
NOTE: A bead ring part is shown. This part is also available with rolled plates. See page 11 for explanation.

*Increase the minimum height by 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	24.56	204	1.44
4	33.97	270	1.40
5	42.68	328	1.38
6	51.90	385	1.36
7	60.40	438	1.34

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
360	38788	772	21.55	29.90	37.73	46.24	54.00
320	35273	890	25.42	35.13	44.10	53.57	62.30
280	31368	984	28.40	39.00	48.94	59.32	68.90
240	27154	1056	30.78	41.90	52.50	63.61	73.91
200	22558	1123	33.01	44.63	55.85	67.62	78.58
160	17629	1207	35.55	47.98	60.10	72.74	84.47
120	8017	1290	38.09	51.39	64.29	77.75	90.31