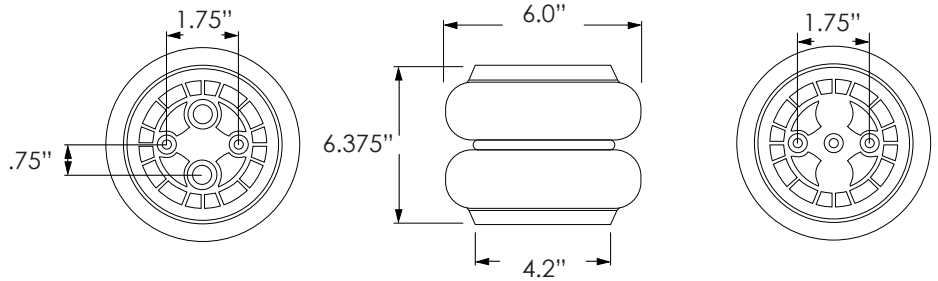


- 400 PSI Rated
- Fast Response and control through (2) 1/2" NPT ports
- Linear and Off-Axis Actuation
- Non-Ballooning Operation
- Vibration Isolation



Model	HE-6
Diameter "0" PSI	6"
Diameter Max PSI	6"
Max PSI	400
Plate Material	Zinc/Aluminum
Min Height	2.9"
Max Height	10"
Mounting (top)	(2) 3/8" -16
Mounting (bottom)	(3) 3/8" -16
Air Port NPT	(2) 1/2"
Internal Bump Stops	Integrated
Force to Collapse	130 lbs
Shipping Weight ea.	4.5 lbs
Replaces -	
Firestone	255
Goodyear	2B6

Dynamic Characteristics at 6 in. Design Height				
Volume @ 100 PSIG = 86.3 in ³			Natural Frequency	
Gauge Pressure	Load (lbs.)	Spring Rate	CPM	HZ
40	-	-	-	-
60	-	-	-	-
80	-	-	-	-
100	1765	874	132.3	2.2

Lift Chart - Force In Pounds

Air Pressure

Height Inches		40	80	100	120	140	160	180	200
		3	1021	2041	2552	3062	3572	4083	4593
4	985	1970	2463	2956	3448	3941	4433	4925	
5	950	1901	2376	2851	3326	3801	4276	4751	
6	916	1832	2291	2748	3206	3664	4122	4580	
7	882	1765	2260	2647	3089	3530	3974	4412	
8	849	1699	2124	2546	2973	3398	3823	4248	
9	817	1634	2043	2451	2860	3269	3677	4085	
10	785	1571	1963	2356	2749	3142	3534	3926	