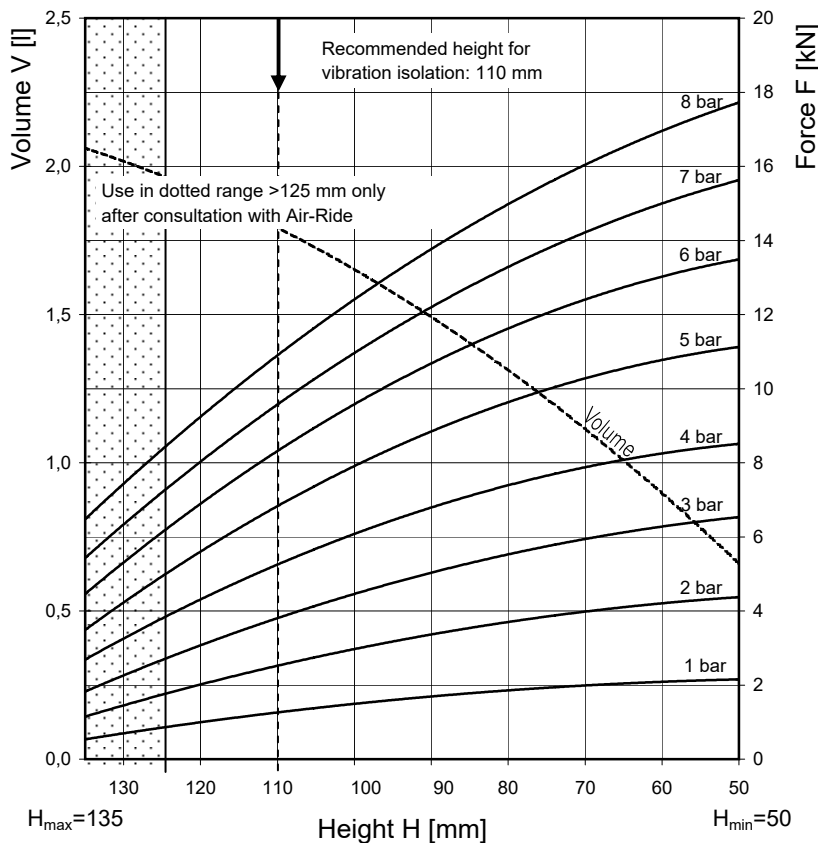


## Cross-reference

ContiTech	FS 120-9 1/4 M8
Firestone No.	W01-M58-6166
Firestone Style	116
Goodyear	-
Goodyear Flex No.	-



Force-height diagram

## Technical data

Min. pressure	0 bar
Return force to min. height	$\leq 200$ N
Overall weight with clamped plates	2.2 kg

**Vibration isolation - dynamic characteristic values**  
 Design height  $H$ : recommended 110mm, minimum 90mm

Pressure $p$ [bar]	3	4	5	6	7	8	Vol.[l]
Force (Load) [kN]	3.9	5.3	6.8	8.3	9.6	10.9	1.8
Spring rate [N/cm]	1315	1620	1925	2230	2535	2840	1.8
Natural frequency [Hz]	2.9	2.8	2.7	2.6	2.6	2.6	1.8

**Pneumatic application - static characteristic values**  
 Force  $F$  [kN]

Pressure $p$ [bar]	3	4	5	6	7	8	Vol.[l]	
Height $H$ [mm]	120	3.1	4.3	5.6	6.9	8.0	9.2	1.9
	110	3.9	5.3	6.8	8.3	9.6	10.9	1.8
	100	4.5	6.1	7.9	9.7	11.0	12.4	1.7
	90	5.0	6.8	8.9	10.8	12.2	13.8	1.5
	80	5.5	7.4	9.7	11.6	13.3	15.0	1.3
	70	5.9	7.9	10.3	12.3	14.2	16.0	1.1
	60	6.3	8.2	10.7	13.0	15.0	17.0	0.9