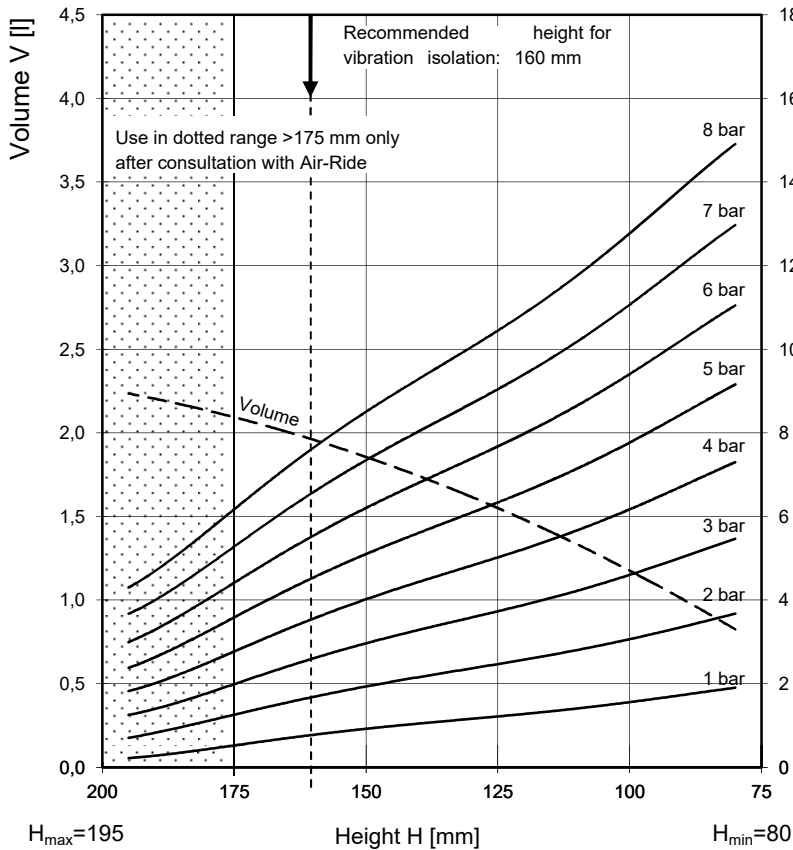


Cross-reference

| | |
|-------------------|-----------------|
| ContiTech | FD 76-14 1/2 M8 |
| Firestone No. | - |
| Firestone Style | - |
| Goodyear | - |
| Goodyear Flex No. | - |



Force-height diagram

Technical data

| | |
|------------------------------------|---------|
| Min. pressure | 0 bar |
| Return force to min. height | ≤ 180 N |
| Overall weight with clamped plates | 2.2 kg |

Vibration isolation - dynamic characteristic values

Design height H: recommended 160mm, minimum 150mm

| Pressure p [bar] | 3 | 4 | 5 | 6 | 7 | 8 | Vol.[l] |
|------------------------|-----|-----|------|------|------|------|---------|
| Force (Load) [kN] | 2.6 | 3.5 | 4.5 | 5.5 | 6.5 | 7.6 | 2.0 |
| Spring rate [N/cm] | 675 | 855 | 1035 | 1215 | 1395 | 1570 | 2.0 |
| Natural frequency [Hz] | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.0 |

Pneumatic application - static characteristic values

Force F [kN]

| Pressure p [bar] | 3 | 4 | 5 | 6 | 7 | 8 | Vol.[l] | |
|------------------|-----|-----|-----|-----|-----|------|---------|-----|
| Height H [mm] | 160 | 2.6 | 3.5 | 4.5 | 5.5 | 6.5 | 7.6 | 2.0 |
| | 140 | 3.3 | 4.5 | 5.6 | 6.8 | 8.1 | 9.3 | 1.7 |
| | 120 | 3.9 | 5.2 | 6.6 | 8.0 | 9.4 | 10.8 | 1.5 |
| | 100 | 4.6 | 6.2 | 7.8 | 9.4 | 11.1 | 12.8 | 1.2 |