

## Portable De-Filling Kit Pressure Calculation

### Compression Gas Springs

| Model type (Rod Ø) | Pressure Ratio |
|--------------------|----------------|
| 6-15               | 0.3537         |
| 8-18               | 0.1989         |
| 10-23              | 0.1273         |
| 14-28              | 0.0650         |
| 22-38              | 0.0263         |

Calculation example is as follows:-

Model type 8-18 @ 150N= (150 x 0.1989 Bar) x 1.1 = 32.8 Bar

### Tension Gas Springs

| Model type (Rod Ø) | BAR    |
|--------------------|--------|
| T6-18              | 0.1953 |
| T10-18-28          | 0.0801 |
| T10-20-38          | 0.0424 |
| T10-24-38          | 0.0265 |
| Z6-19              | 0.4500 |
| Z10-28             | 0.1325 |
| Z10-40             | 0.0265 |

Calculation example is as follows:-

Model type T6-18 @ 150N= (150 x 0.1953 Bar) x 1.1 = 43 Bar