

Gas spring POWERLINE with reinforced spring base

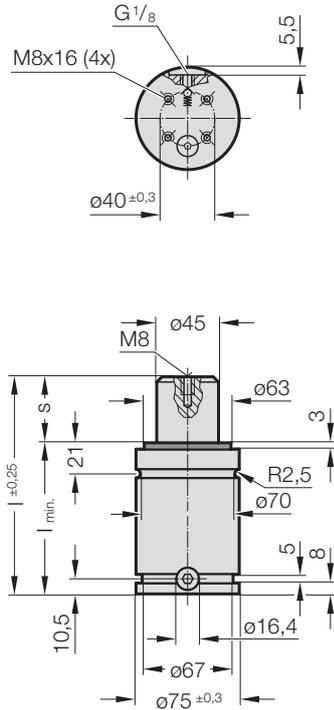
Note:

Initial spring force at 150 bar = 2385 daN

Order No for spare parts kit: 2487.15.02400
(Stroke length 16 and 19 not repairable)

Pressure medium: Nitrogen N₂
 Max. filling pressure: 150 bar
 Min. filling pressure: 20 bar
 Working temperature: 0°C to +80°C
 Temperature related force increase: ± 0.3%/°C
 Max. recommended extensions per minute:
 approx. 20 to 100 (at 20°C)
 Max. piston rod speed: 1.8 m/s

2487.15.33.02400.



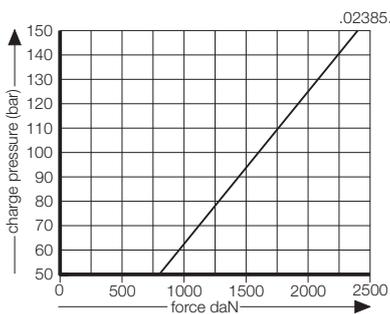
PED
2014/68/EU



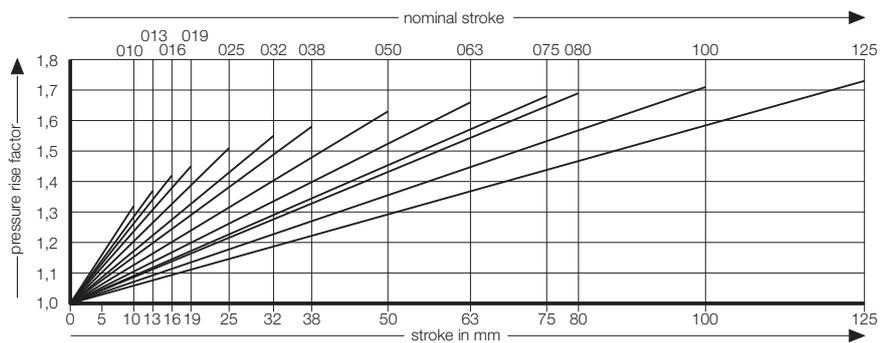
2487.15.33.02400. Gas spring POWERLINE with reinforced spring base

| Order No | s (Stroke _{max}) | l _{min.} | l | Gas volume [l] | Weight [kg] |
|----------------------|-------------------------------|-------------------|-----|----------------|-------------|
| 2487.15.33.02400.016 | 16 | 75 | 91 | 0.101 | 1.75 |
| 2487.15.33.02400.019 | 19 | 78 | 97 | 0.113 | 1.79 |
| 2487.15.33.02400.025 | 25 | 84 | 109 | 0.137 | 1.89 |
| 2487.15.33.02400.032 | 32 | 91 | 123 | 0.165 | 1.99 |
| 2487.15.33.02400.038 | 38 | 97 | 135 | 0.189 | 2.09 |
| 2487.15.33.02400.050 | 50 | 109 | 159 | 0.237 | 2.28 |
| 2487.15.33.02400.063 | 63 | 122 | 185 | 0.289 | 2.49 |
| 2487.15.33.02400.075 | 75 | 134 | 209 | 0.337 | 2.68 |
| 2487.15.33.02400.080 | 80 | 139 | 219 | 0.357 | 2.75 |
| 2487.15.33.02400.100 | 100 | 159 | 259 | 0.437 | 3.07 |
| 2487.15.33.02400.125 | 125 | 184 | 309 | 0.537 | 3.46 |

Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!