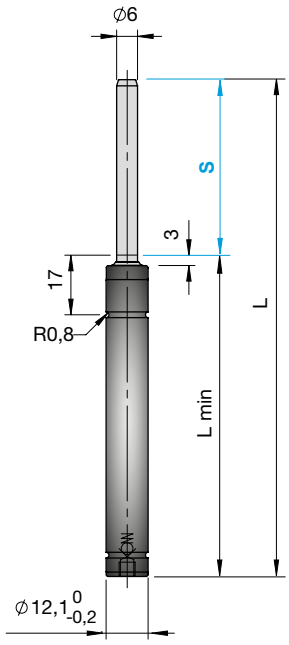


# R12

*Gasdruckfeder*



Type 1
Type 2
Type 3
Type 4
Type 5 (individual)







T: < 80 °C

*S = Hub*
** Ladeanschluss*

| S | Type | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 1 | 56 | 49 | 45 | 13 | 14.9 | 0.03 | 0.001 | R12-7-1 |
| 7 | 2 | 56 | 49 | 90 | 25 | 29.9 | 0.03 | 0.001 | R12-7-2 |
| 7 | 3 | 56 | 49 | 135 | 38 | 44.8 | 0.03 | 0.001 | R12-7-3 |
| 7 | 4 | 56 | 49 | 180 | 50 | 59.7 | 0.03 | 0.001 | R12-7-4 |
| 7 | 5 | 56 | 49 | 180 | - | 59.7 | 0.03 | 0.001 | R12-7-5 |
| 10 | 1 | 62 | 52 | 45 | 13 | 15.8 | 0.03 | 0.001 | R12-10-1 |
| 10 | 2 | 62 | 52 | 90 | 25 | 31.7 | 0.03 | 0.001 | R12-10-2 |
| 10 | 3 | 62 | 52 | 135 | 38 | 47.5 | 0.03 | 0.001 | R12-10-3 |
| 10 | 4 | 62 | 52 | 180 | 50 | 63.4 | 0.03 | 0.001 | R12-10-4 |
| 10 | 5 | 62 | 52 | 180 | - | 63.4 | 0.03 | 0.001 | R12-10-5 |
| 12.7 | 1 | 67.4 | 54.7 | 45 | 13 | 16.4 | 0.03 | 0.001 | R12-12.7-1 |
| 12.7 | 2 | 67.4 | 54.7 | 90 | 25 | 32.9 | 0.03 | 0.001 | R12-12.7-2 |
| 12.7 | 3 | 67.4 | 54.7 | 135 | 38 | 49.3 | 0.03 | 0.001 | R12-12.7-3 |
| 12.7 | 4 | 67.4 | 54.7 | 180 | 50 | 65.7 | 0.03 | 0.001 | R12-12.7-4 |
| 12.7 | 5 | 67.4 | 54.7 | 180 | - | 65.7 | 0.03 | 0.001 | R12-12.7-5 |
| 15 | 1 | 72 | 57 | 45 | 13 | 16.8 | 0.03 | 0.002 | R12-15-1 |
| 15 | 2 | 72 | 57 | 90 | 25 | 33.5 | 0.03 | 0.002 | R12-15-2 |
| 15 | 3 | 72 | 57 | 135 | 38 | 50.3 | 0.03 | 0.002 | R12-15-3 |
| 15 | 4 | 72 | 57 | 180 | 50 | 67 | 0.03 | 0.002 | R12-15-4 |
| 15 | 5 | 72 | 57 | 180 | - | 67 | 0.03 | 0.002 | R12-15-5 |
| 19 | 1 | 80 | 61 | 45 | 13 | 17.2 | 0.04 | 0.002 | R12-19-1 |
| 19 | 2 | 80 | 61 | 90 | 25 | 34.4 | 0.04 | 0.002 | R12-19-2 |
| 19 | 3 | 80 | 61 | 135 | 38 | 51.7 | 0.04 | 0.002 | R12-19-3 |
| 19 | 4 | 80 | 61 | 180 | 50 | 68.9 | 0.04 | 0.002 | R12-19-4 |
| 19 | 5 | 80 | 61 | 180 | - | 68.9 | 0.04 | 0.002 | R12-19-5 |
| 25 | 1 | 92 | 67 | 45 | 13 | 17.7 | 0.04 | 0.002 | R12-25-1 |
| 25 | 2 | 92 | 67 | 90 | 25 | 35.4 | 0.04 | 0.002 | R12-25-2 |
| 25 | 3 | 92 | 67 | 135 | 38 | 53 | 0.04 | 0.002 | R12-25-3 |
| 25 | 4 | 92 | 67 | 180 | 50 | 70.7 | 0.04 | 0.002 | R12-25-4 |
| 25 | 5 | 92 | 67 | 180 | - | 70.7 | 0.04 | 0.002 | R12-25-5 |
| 38 | 1 | 118 | 80 | 45 | 13 | 18.3 | 0.04 | 0.003 | R12-38-1 |
| 38 | 2 | 118 | 80 | 90 | 25 | 36.5 | 0.04 | 0.003 | R12-38-2 |
| 38 | 3 | 118 | 80 | 135 | 38 | 54.8 | 0.04 | 0.003 | R12-38-3 |

D 3002B 03.2025

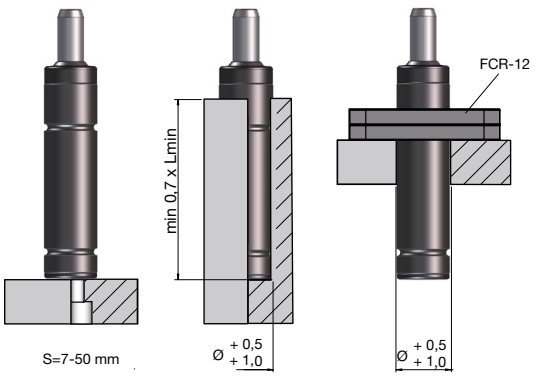


# R12

*Gasdruckfeder*

| S | Type | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 38 | 4 | 118 | 80 | 180 | 50 | 73 | 0.04 | 0.003 | R12-38-4 |
| 38 | 5 | 118 | 80 | 180 | - | 73 | 0.04 | 0.003 | R12-38-5 |
| 50 | 1 | 142 | 92 | 45 | 13 | 18.5 | 0.05 | 0.004 | R12-50-1 |
| 50 | 2 | 142 | 92 | 90 | 25 | 37.1 | 0.05 | 0.004 | R12-50-2 |
| 50 | 3 | 142 | 92 | 135 | 38 | 55.6 | 0.05 | 0.004 | R12-50-3 |
| 50 | 4 | 142 | 92 | 180 | 50 | 74.2 | 0.05 | 0.004 | R12-50-4 |
| 50 | 5 | 142 | 92 | 180 | - | 74.2 | 0.05 | 0.004 | R12-50-5 |
| 63.5 | 1 | 172 | 108.5 | 45 | 13 | 19.7 | 0.06 | 0.005 | R12-63.5-1 |
| 63.5 | 2 | 172 | 108.5 | 90 | 25 | 39.5 | 0.06 | 0.005 | R12-63.5-2 |
| 63.5 | 3 | 172 | 108.5 | 135 | 38 | 59.2 | 0.06 | 0.005 | R12-63.5-3 |
| 63.5 | 4 | 172 | 108.5 | 180 | 50 | 78.9 | 0.06 | 0.005 | R12-63.5-4 |
| 63.5 | 5 | 172 | 108.5 | 180 | - | 78.9 | 0.06 | 0.005 | R12-63.5-5 |
| 75 | 1 | 195 | 120 | 45 | 13 | 19.7 | 0.06 | 0.006 | R12-75-1 |
| 75 | 2 | 195 | 120 | 90 | 25 | 39.4 | 0.06 | 0.006 | R12-75-2 |
| 75 | 3 | 195 | 120 | 135 | 38 | 59.1 | 0.06 | 0.006 | R12-75-3 |
| 75 | 4 | 195 | 120 | 180 | 50 | 78.8 | 0.06 | 0.006 | R12-75-4 |
| 75 | 5 | 195 | 120 | 180 | - | 78.8 | 0.06 | 0.006 | R12-75-5 |
| 80 | 1 | 205 | 125 | 45 | 13 | 20.7 | 0.07 | 0.006 | R12-80-1 |
| 80 | 2 | 205 | 125 | 90 | 25 | 41.4 | 0.07 | 0.006 | R12-80-2 |
| 80 | 3 | 205 | 125 | 135 | 38 | 62 | 0.07 | 0.006 | R12-80-3 |
| 80 | 4 | 205 | 125 | 180 | 50 | 82.7 | 0.07 | 0.006 | R12-80-4 |
| 80 | 5 | 205 | 125 | 180 | - | 82.7 | 0.07 | 0.006 | R12-80-5 |
| 100 | 1 | 245 | 145 | 45 | 13 | 20.4 | 0.07 | 0.008 | R12-100-1 |
| 100 | 2 | 245 | 145 | 90 | 25 | 40.9 | 0.07 | 0.008 | R12-100-2 |
| 100 | 3 | 245 | 145 | 135 | 38 | 61.3 | 0.07 | 0.008 | R12-100-3 |
| 100 | 4 | 245 | 145 | 180 | 50 | 81.7 | 0.07 | 0.008 | R12-100-4 |
| 100 | 5 | 245 | 145 | 180 | - | 81.7 | 0.07 | 0.008 | R12-100-5 |
| 125 | 1 | 295 | 170 | 45 | 13 | 20.2 | 0.09 | 0.010 | R12-125-1 |
| 125 | 2 | 295 | 170 | 90 | 25 | 40.5 | 0.09 | 0.010 | R12-125-2 |
| 125 | 3 | 295 | 170 | 135 | 38 | 60.7 | 0.09 | 0.010 | R12-125-3 |
| 125 | 4 | 295 | 170 | 180 | 50 | 81 | 0.09 | 0.010 | R12-125-4 |
| 125 | 5 | 295 | 170 | 180 | - | 81 | 0.09 | 0.010 | R12-125-5 |

## EINBAUVARIANTEN




| Technische Informationen | |
|---|---|
| Druckmedium | $N_2$ |
| Max. Fülldruck (bei 20 °C) | 180 bar |
| Min. Fülldruck (bei 20 °C) | 20 bar |
| Betriebstemperatur | 0 °C - 80 °C |
| Temperaturabhängige Druckerhöhung | 0,3 % / 1 °C |
| Max. Kolbengeschwindigkeit | 1,6 m/s |
| Empfohlene max Hübe / min (bei 20 °C) | ~ 40 - 100 |
| Instandhaltungsset | - |