



## R12

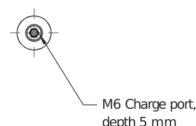
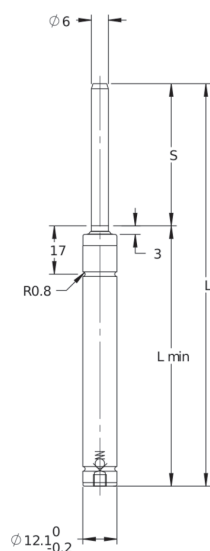
*Gasdruckfeder*


8

Grün  
Blau  
Rot  
Gelb  
Schwarz



T: &lt; 80 °C



| S    | Type | L ± 0.25 | L min | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No.  |
|------|------|----------|-------|----------|----------|--------|-------|------------|
| 7    | 1    | 56       | 49    | 13       | 14.9     | 0.03   | 0.001 | R12-7-1    |
| 7    | 2    | 56       | 49    | 25       | 29.9     | 0.03   | 0.001 | R12-7-2    |
| 7    | 3    | 56       | 49    | 38       | 44.8     | 0.03   | 0.001 | R12-7-3    |
| 7    | 4    | 56       | 49    | 50       | 59.7     | 0.03   | 0.001 | R12-7-4    |
| 7    | 5    | 56       | 49    | 50       | 59.7     | 0.03   | 0.001 | R12-7-5    |
| 10   | 1    | 62       | 52    | 13       | 15.8     | 0.03   | 0.001 | R12-10-1   |
| 10   | 2    | 62       | 52    | 25       | 31.7     | 0.03   | 0.001 | R12-10-2   |
| 10   | 3    | 62       | 52    | 38       | 47.5     | 0.03   | 0.001 | R12-10-3   |
| 10   | 4    | 62       | 52    | 50       | 63.4     | 0.03   | 0.001 | R12-10-4   |
| 10   | 5    | 62       | 52    | 50       | 63.4     | 0.03   | 0.001 | R12-10-5   |
| 12.7 | 1    | 67.4     | 54.7  | 13       | 16.4     | 0.03   | 0.001 | R12-12.7-1 |
| 12.7 | 2    | 67.4     | 54.7  | 25       | 32.9     | 0.03   | 0.001 | R12-12.7-2 |
| 12.7 | 3    | 67.4     | 54.7  | 38       | 49.3     | 0.03   | 0.001 | R12-12.7-3 |
| 12.7 | 4    | 67.4     | 54.7  | 50       | 65.7     | 0.03   | 0.001 | R12-12.7-4 |
| 12.7 | 5    | 67.4     | 54.7  | 50       | 65.7     | 0.03   | 0.001 | R12-12.7-5 |
| 15   | 1    | 72       | 57    | 13       | 16.8     | 0.03   | 0.002 | R12-15-1   |
| 15   | 2    | 72       | 57    | 25       | 33.5     | 0.03   | 0.002 | R12-15-2   |
| 15   | 3    | 72       | 57    | 38       | 50.3     | 0.03   | 0.002 | R12-15-3   |
| 15   | 4    | 72       | 57    | 50       | 67       | 0.03   | 0.002 | R12-15-4   |
| 15   | 5    | 72       | 57    | 50       | 67       | 0.03   | 0.002 | R12-15-5   |
| 19   | 1    | 80       | 61    | 13       | 17.2     | 0.04   | 0.002 | R12-19-1   |
| 19   | 2    | 80       | 61    | 25       | 34.4     | 0.04   | 0.002 | R12-19-2   |
| 19   | 3    | 80       | 61    | 38       | 51.7     | 0.04   | 0.002 | R12-19-3   |
| 19   | 4    | 80       | 61    | 50       | 68.9     | 0.04   | 0.002 | R12-19-4   |
| 19   | 5    | 80       | 61    | 50       | 68.9     | 0.04   | 0.002 | R12-19-5   |
| 25   | 1    | 92       | 67    | 13       | 17.7     | 0.04   | 0.002 | R12-25-1   |
| 25   | 2    | 92       | 67    | 25       | 35.4     | 0.04   | 0.002 | R12-25-2   |
| 25   | 3    | 92       | 67    | 38       | 53       | 0.04   | 0.002 | R12-25-3   |
| 25   | 4    | 92       | 67    | 50       | 70.7     | 0.04   | 0.002 | R12-25-4   |
| 25   | 5    | 92       | 67    | 50       | 70.7     | 0.04   | 0.002 | R12-25-5   |
| 38   | 1    | 118      | 80    | 13       | 18.3     | 0.04   | 0.003 | R12-38-1   |
| 38   | 2    | 118      | 80    | 25       | 36.5     | 0.04   | 0.003 | R12-38-2   |
| 38   | 3    | 118      | 80    | 38       | 54.8     | 0.04   | 0.003 | R12-38-3   |
| 38   | 4    | 118      | 80    | 50       | 73       | 0.04   | 0.003 | R12-38-4   |

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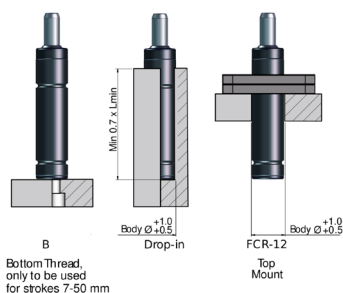
## R12

Gasdruckfeder



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

## EINBAUVARIANTEN



|                                       |              |
|---------------------------------------|--------------|
| Druckmedium                           | N2           |
| 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   |
| Instandhaltungssatz                   | -            |