



# Special gas springs

|            |                          |
|------------|--------------------------|
| Piston rod | steel chromium plated    |
| Cylinder   | steel black spray coated |
| Fittings   | steel zinc plated        |

| These special gas springs have a very low progression   |                                 |                                 |             |                         |
|---|---------------------------------|---------------------------------|-------------|-------------------------|
| Type  | Extension force<br>F 1 (Newton) | Overall extended<br>length (mm) | Progression | Extras                  |
| G 6-19  | 40 - 400                        | =2xStroke+55+L1+L2              | 17%         | Codes 4, 5, 6, 7,       |
| G 8-23  | 50 - 700                        | =2xStroke+70+L1+L2              | 18%         | Codes 4, 5, 6, 7,       |
| G 10-28   | 120 - 1200                      | =2xStroke+70+L1+L2              | 20%         | Codes 4, 5, 6, 7, 8, VV |
| G 10-40   | 150 - 1200                      | =2xStroke+100+L1+L2             | 8%          | Codes 4, 5, 6, 7, VV    |
| G 14-40   | 200 - 2500                      | =2xStroke+100+L1+L2             | 16%         | Codes 4, 5, 6, 7, 8, VV |
| Order example see page 4  |                                 |                                 |             |                         |
| The type G 22-40 is identical to G 20-40 but for the piston rod diameter 22 mm thus max force = 6000 N.   |                                 |                                 |             |                         |
| G 22-40   | 500 - 6000                      | =2xStroke+170+L1+L2             | 43%         | Codes 4, 5, 6, 7, VV    |
| Order example see page 4  |                                 |                                 |             |                         |
| <p>Connection parts on the piston rod, standard strokes and standard extended lengths can be selected from standard types with identical piston rod diameter.<br/>(e.g. G 6-10 see G 6-15)</p> <p>Connection parts on the cylinder can be selected from standard types with identical cylinder diameter.<br/>(e.g. G 6-19 see G 8-19)</p> |                                 |                                 |             |                         |