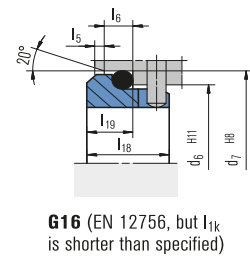
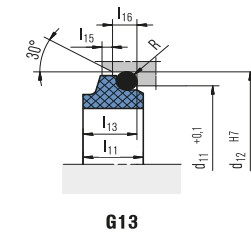
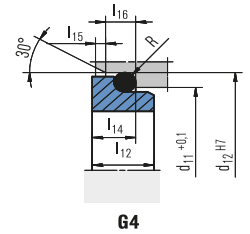
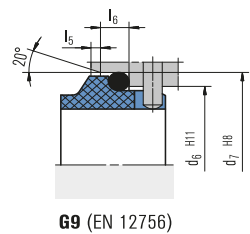


| Product Description | Technical Features                  | Operating Range    | Material  |
|---------------------|-------------------------------------|--------------------|---|
| ▶ 1,1-Seal face     | ▶ Single Seal                       | ▶ d1 = 14 - 200 mm | ▶ Rotary seal faces: Chrome Nickel  |
| ▶ 1,2-Drive collar  | ▶ Unbalanced                        | ▶ p1 = 16 (25) bar | Silicon carbide, Tungsten Carbide   |
| ▶ 1,3-Thrust Ring   | ▶ Independent of rotation direction | ▶ t = -50 / 220 °C | ▶ Stationary seal faces: Silicon carbide, Carbon, Tungsten Carbide, Chrome Nickel |
| ▶ 1,4-O-Ring        |                                     | ▶ Vg = 20 m/sn     | ▶ Elastomers : Viton (FKM), EPDM, Nitril (NBR) Silicon                            |
| ▶ 1,5-Waev Spring   |                                     |                    |   |
| ▶ 1,6-Set Screw     |                                     |                    |   |
| ▶ 3-O-Ring          |                                     |                    |   |

**Stationary Seat Alternatives**  
 ▶ G-13 G-9 G-6 G-4 G-60

**Seat alternatives**



**Dimensions in mm**

| d <sub>1</sub> | d <sub>3</sub> | d <sub>6</sub> | d <sub>7</sub> | d <sub>8</sub> | d <sub>11</sub> | d <sub>12</sub> | d <sub>b</sub> | l <sub>1N</sub> | l <sub>3</sub> <sup>1)</sup> | l <sub>5</sub> | l <sub>6</sub> | l <sub>7</sub> | l <sub>8</sub> | l <sub>10</sub> | l <sub>12</sub> | l <sub>14</sub> | l <sub>15</sub> | l <sub>16</sub> | l <sub>18</sub> | l <sub>19</sub> | l <sub>21</sub> <sup>1)</sup> | l <sub>28</sub> | b | R   |
|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|-----------------|------------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------------|-----------------|---|-----|
| 6              | 15             | -              | -              | -              | 11.8            | 16              | 8              | -               | -                            | -              | -              | -              | -              | -               | 6.5             | 5.6             | 1.2             | 3.8             | -               | -               | 10.9                          | -               | - | 1.2 |
| 8              | 18             | -              | -              | -              | 15.5            | 19.2            | 11             | -               | -                            | -              | -              | -              | -              | -               | 8               | 7               | 1.2             | 3.8             | -               | -               | 15.5                          | -               | - | 1.2 |
| 10             | 20             | 17             | 21             | 3              | 15.5            | 19.2            | 13             | 40              | 17.5                         | 1.5            | 4              | 8.5            | 17.5           | 7.5             | 7.5             | 6.6             | 1.2             | 3.8             | -               | -               | 15.9                          | 6.6             | 8 | 1.2 |
| 12             | 22             | 19             | 23             | 3              | 17.5            | 21.6            | 16             | 40              | 17.5                         | 1.5            | 4              | 8.5            | 17.5           | 7.5             | 8               | 7               | 1.2             | 3.8             | -               | -               | 16                            | 6.6             | 8 | 1.2 |
| 14             | 25             | 21             | 25             | 3              | 20.5            | 24.6            | 18             | 40              | 17.5                         | 1.5            | 4              | 8.5            | 17.5           | 7.5             | 8               | 7               | 1.2             | 3.8             | -               | -               | 16                            | 6.6             | 8 | 1.2 |
| 15             | 27             | -              | -              | -              | 20.5            | 24.6            | 19             | -               | -                            | -              | -              | -              | -              | -               | 7.5             | 6.6             | 1.2             | 3.8             | -               | -               | 17.4                          | -               | - | 1.2 |
| 16             | 27             | 23             | 27             | 3              | 22              | 28              | 21             | 40              | 19.5                         | 1.5            | 4              | 8.5            | 17.5           | 7.5             | 8.5             | 7.5             | 1.5             | 5               | -               | -               | 19                            | 6.6             | 8 | 1.5 |
| 18             | 30             | 27             | 33             | 3              | 24              | 30              | 23             | 45              | 20.5                         | 2              | 5              | 9              | 19.5           | 8.5             | 9               | 8               | 1.5             | 5               | 15              | 7               | 20.5                          | 7.5             | 8 | 1.5 |
| 20             | 32             | 29             | 35             | 3              | 29.5            | 35              | 26             | 45              | 22                           | 2              | 5              | 9              | 19.5           | 8.5             | 8.5             | 7.5             | 1.5             | 5               | 15              | 7               | 22                            | 7.5             | 8 | 1.5 |
| 22             | 35             | 31             | 37             | 3              | 29.5            | 35              | 28             | 45              | 23.5                         | 2              | 5              | 9              | 19.5           | 8.5             | 8.5             | 7.5             | 1.5             | 5               | 15              | 7               | 23.5                          | 7.5             | 8 | 1.5 |
| 24             | 38             | 33             | 39             | 3              | 32              | 38              | 30             | 50              | 25                           | 2              | 5              | 9              | 19.5           | 8.5             | 8.5             | 7.5             | 1.5             | 5               | 15              | 7               | 25                            | 7.5             | 8 | 1.5 |
| 25             | 40             | 34             | 40             | 3              | 32              | 38              | 31             | 50              | 26.5                         | 2              | 5              | 9              | 19.5           | 8.5             | 8.5             | 7.5             | 1.5             | 5               | 15              | 7               | 26.5                          | 7.5             | 8 | 1.5 |
| 26             | 41             | -              | -              | -              | 34              | 40              | 32             | -               | -                            | -              | -              | -              | -              | -               | 9               | 8               | 1.5             | 5               | -               | -               | 26.5                          | -               | - | 1.5 |
| 28             | 43             | 37             | 43             | 3              | 36              | 42              | 35             | 50              | 26.5                         | 2              | 5              | 9              | 19.5           | 8.5             | 10              | 9               | 1.5             | 5               | 15              | 7               | 26.5                          | 7.5             | 8 | 1.5 |
| 30             | 47             | -              | -              | -              | 39.2            | 45              | 37             | -               | -                            | -              | -              | -              | -              | -               | 11.5            | 10.5            | 1.5             | 5               | 15              | 7               | 26                            | -               | - | 1.5 |
| 32             | 48             | -              | -              | -              | 42.2            | 48              | 39             | -               | -                            | -              | -              | -              | -              | -               | 13              | 10.5            | 1.5             | 5               | 15              | 7               | 28.5                          | -               | - | 1.5 |
| 35             | 53             | -              | -              | -              | 46.2            | 52              | 43             | -               | -                            | -              | -              | -              | -              | -               | 13.5            | 11              | 1.5             | 5               | 15              | 7               | 28.5                          | -               | - | 1.5 |
| 38             | 56             | -              | -              | -              | 49.2            | 55              | 47             | -               | -                            | -              | -              | -              | -              | -               | 13              | 10.3            | 1.5             | 5               | 16              | 8               | 32                            | -               | - | 1.5 |