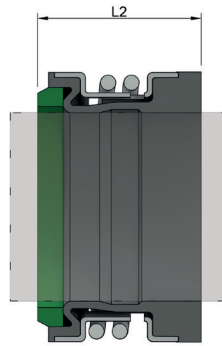
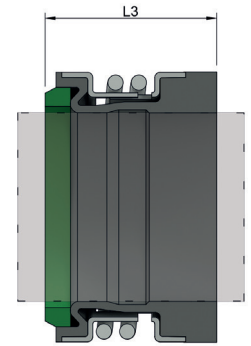


210m



212m



213m

### TECHNICAL SPECIFICATIONS

|                         |  |
|-------------------------|--|
| <b>TEMPERATURE</b>      | -40,0 °C to 150,0 °C<br>-40,0 °F to 300,0 °F   |
| <b>PRESSURE</b>         | Up to 16 bar<br>Up to 230 psi  |
| <b>SPEED</b>            | Up to 15 m/s<br>Up to 3000 fpm   |
| <b>FEATURES</b>         | For plan shaft<br>Single and dual seals<br>Unbalanced<br>Rubber bellows mechanical seals<br>Independent of direction of rotation |
| <b>STATIONNARY SEAT</b> | G4      G50<br>G6      G60<br>Other  |

### MATERIALS

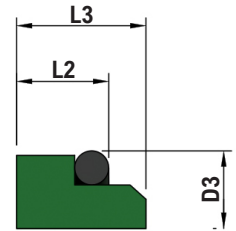
|                         |   |
|-------------------------|---|
| <b>ROTATIVE FACE</b>    | Carbon<br>Silicon Carbide                                   |
| <b>ELASTOMER</b>        | Nitril<br>FKM   |
| <b>METAL PARTS</b>      | Stainless Steel   |
| <b>SPRING</b>           | Stainless Steel   |
| <b>STATIONNARY FACE</b> | Ceramic<br>Stainless<br>Silicon Carbide<br>Tungsten Carbide |

Other dimensions, materials or seats are available upon request.

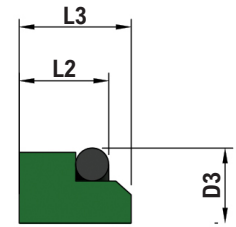


| D1   | D2 | L1 | L2   | L3 |
|------|----|----|------|----|
| 10mm | 20 | 15 | 27,5 | 35 |
| 12mm | 22 | 15 | 34   | 34 |
| 14mm | 24 | 15 | 34   | 34 |
| 15mm | 25 | 15 | 34   | 34 |
| 16mm | 26 | 15 | 34   | 34 |
| 18mm | 32 | 20 | 39   | 39 |
| 20mm | 34 | 20 | 39   | 39 |
| 22mm | 36 | 20 | 39   | 39 |
| 24mm | 38 | 20 | 44   | 44 |
| 25mm | 39 | 20 | 44   | 44 |
| 28mm | 42 | 26 | 44   | 44 |
| 30mm | 44 | 26 | 43   | 43 |
| 32mm | 45 | 26 | 48   | 48 |
| 33mm | 47 | 26 | 48   | 48 |
| 35mm | 49 | 26 | 47   | 47 |
| 38mm | 54 | 30 | 47   | 47 |
| 40mm | 56 | 30 | 47   | 47 |
| 43mm | 59 | 30 | 52   | 52 |
| 45mm | 61 | 30 | 52   | 52 |
| 48mm | 64 | 30 | 50   | 50 |
| 50mm | 66 | 30 | 50   | 50 |
| 53mm | 69 | 30 | 60   | 60 |
| 55mm | 71 | 30 | 60   | 60 |
| 58mm | 78 | 33 | 60   | 60 |
| 60mm | 80 | 33 | 58   | 58 |
| 63mm | 83 | 33 | 58   | 58 |
| 65mm | 85 | 33 | 68   | 68 |
| 68mm | 88 | 33 | 68   | 68 |
| 70mm | 90 | 33 | 68   | 68 |
| 75mm | 99 | 40 | 68   | 68 |

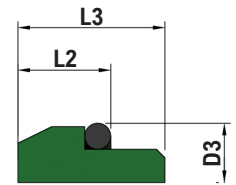
| D1    | G4    |      |      | G6  |      |      | G9  |      |      | G16 |      |      |
|-------|-------|------|------|-----|------|------|-----|------|------|-----|------|------|
|       | D3    | L2   | L3   | D3  | L2   | L3   | D3  | L2   | L3   | D3  | L2   | L3   |
| 10mm  | 19,2  | 6,6  | 7,5  | 21  | 6,6  | 7,5  | 21  | 10   | 17,5 |     |      |      |
| 12mm  | 21,6  | 5,6  | 6,5  | 23  | 6,6  | 7,5  | 23  | 10   | 17,5 |     |      |      |
| 14mm  | 24,6  | 5,6  | 6,5  | 25  | 6,6  | 7,5  | 25  | 10   | 17,5 |     |      |      |
| 15mm  | 24,6  | 6,6  | 7,5  |     |      |      |     |      |      |     |      |      |
| 16mm  | 28    | 7,5  | 8,5  | 27  | 6,6  | 7,5  | 27  | 10   | 17,5 |     |      |      |
| 18mm  | 30    | 8    | 9    | 33  | 7,5  | 8,5  | 33  | 11,5 | 19,5 | 33  | 7    | 15   |
| 20mm  | 35    | 7,5  | 8,5  | 35  | 7,5  | 8,5  | 35  | 11,5 | 19,5 | 35  | 7    | 15   |
| 22mm  | 35    | 7,5  | 8,5  | 37  | 7,5  | 8,5  | 37  | 11,5 | 19,5 | 37  | 7    | 15   |
| 24mm  | 38    | 7,5  | 8,5  | 39  | 7,5  | 8,5  | 39  | 11,5 | 19,5 | 39  | 7    | 15   |
| 25mm  | 38    | 7,5  | 8,5  | 40  | 7,5  | 8,5  | 40  | 11,5 | 19,5 | 40  | 7    | 15   |
| 28mm  | 42    | 9    | 10   | 43  | 7,5  | 8,5  | 43  | 11,5 | 19,5 | 43  | 7    | 15   |
| 30mm  | 45    | 10,5 | 11,5 | 45  | 7,5  | 8,5  | 45  | 11,5 | 19,5 | 45  | 7    | 15   |
| 32mm  | 48    | 10,5 | 11,5 | 48  | 7,5  | 8,5  | 48  | 11,5 | 19,5 | 48  | 7    | 15   |
| 33mm  | 50    | 11   | 12   | 48  | 7,5  | 8,5  | 48  | 11,5 | 19,5 | 48  | 7    | 15   |
| 35mm  | 52    | 11   | 12   | 50  | 7,5  | 8,5  | 50  | 11,5 | 19,5 | 50  | 7    | 15   |
| 38mm  | 55    | 10,3 | 11,3 | 56  | 9    | 10   | 56  | 14   | 22   | 56  | 8    | 16   |
| 40mm  | 58    | 10,8 | 11,8 | 58  | 9    | 10   | 58  | 14   | 22   | 58  | 8    | 16   |
| 42mm  | 62    | 12   | 13,2 |     |      |      |     |      |      |     |      |      |
| 43mm  | 62    | 12   | 13,2 | 61  | 9    | 10   | 61  | 14   | 22   | 61  | 8    | 16   |
| 45mm  | 64    | 11,6 | 12,8 | 63  | 9    | 10   | 63  | 14   | 22   | 63  | 8    | 16   |
| 48mm  | 68,4  | 11,6 | 12,8 | 66  | 9    | 10   | 66  | 14   | 22   | 66  | 8    | 16   |
| 50mm  | 69,3  | 11,6 | 12,8 | 70  | 9,5  | 10,5 | 70  | 15   | 23   | 70  | 9,5  | 17   |
| 53mm  | 72,3  | 12,3 | 13,5 | 73  | 11   | 12   | 73  | 15   | 23   | 73  | 9,5  | 17   |
| 55mm  | 75,4  | 13,3 | 14,5 | 75  | 11   | 12   | 75  | 15   | 23   | 75  | 9,5  | 17   |
| 58mm  | 78,4  | 13,3 | 14,5 | 78  | 11   | 12   | 78  | 15   | 23   | 78  | 10,5 | 18   |
| 60mm  | 80,4  | 13,3 | 14,5 | 80  | 11   | 12   | 80  | 15   | 23   | 80  | 10,5 | 18   |
| 65mm  | 85,4  | 13   | 14,2 | 85  | 11   | 12   | 85  | 15   | 23   | 85  | 10,5 | 18   |
| 68mm  | 91,5  | 13,7 | 14,9 | 90  | 11,3 | 12,5 | 90  | 18   | 26,2 | 90  | 11   | 18,5 |
| 70mm  | 92    | 13   | 14,2 | 92  | 11,3 | 12,5 | 92  | 18   | 26,2 | 92  | 11,5 | 19   |
| 75mm  | 99    | 14   | 15,2 | 97  | 11,3 | 12,5 | 97  | 18   | 26,2 | 97  | 11,5 | 19   |
| 80mm  | 104   | 15   | 16,2 | 105 | 12   | 13   | 105 | 18,2 | 26,2 | 105 | 11,5 | 19   |
| 85mm  | 109   | 14,8 | 16   | 110 | 14   | 15   | 110 | 18,2 | 26,2 |     |      |      |
| 90mm  | 114   | 14,8 | 16   | 115 | 14   | 15   | 115 | 18,2 | 26,2 |     |      |      |
| 95mm  | 120,3 | 15,8 | 17   | 120 | 14   | 15   | 120 | 17,2 | 25,2 |     |      |      |
| 100mm | 123,3 | 15,8 | 17   | 125 | 14   | 15   | 125 | 17,2 | 25,2 |     |      |      |



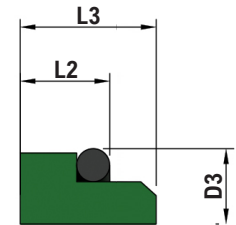
**G4**



**G6**

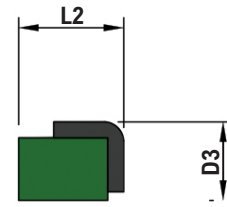


**G9**

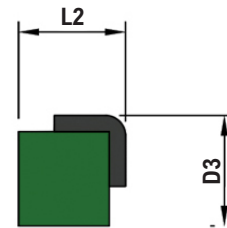


**G16**

| D1    | G50    |      | G60 |      |
|-------|--------|------|-----|------|
|       | D3     | L2   | D3  | L2   |
| 10mm  | 24,6   | 9    | 21  | 6,6  |
| 12mm  | 27,8   | 9    | 23  | 6,6  |
| 14mm  | 30,95  | 10,5 | 25  | 6,6  |
| 15mm  | 30,95  | 10,5 |     |      |
| 16mm  | 30,95  | 10,5 | 27  | 6,6  |
| 18mm  | 34,15  | 10,5 | 33  | 7,5  |
| 19mm  | 34,15  | 10,5 |     |      |
| 20mm  | 35,7   | 10,5 | 35  | 7,5  |
| 22mm  | 37,3   | 10,5 | 37  | 7,5  |
| 24mm  | 40,5   | 10,5 | 39  | 7,5  |
| 25mm  | 40,5   | 10,5 | 40  | 7,5  |
| 28mm  | 47,65  | 12   | 43  | 7,5  |
| 30mm  | 50,8   | 12   | 45  | 7,5  |
| 32mm  | 50,8   | 12   | 48  | 7,5  |
| 33mm  | 54     | 12   | 48  | 7,5  |
| 35mm  | 54     | 12   | 50  | 7,5  |
| 38mm  | 57,15  | 12   | 56  | 9    |
| 40mm  | 60,35  | 12   | 58  | 9    |
| 42mm  | 63,5   | 12   |     |      |
| 43mm  | 63,5   | 12   | 61  | 9    |
| 45mm  | 63,5   | 12   | 63  | 9    |
| 48mm  | 66,7   | 12   | 66  | 9    |
| 50mm  | 69,85  | 13,5 | 70  | 9,5  |
| 53mm  | 73,05  | 13,5 | 73  | 11   |
| 55mm  | 76,2   | 13,5 | 75  | 11   |
| 58mm  | 79,4   | 13,5 | 78  | 11   |
| 60mm  | 79,4   | 13,5 | 80  | 11   |
| 65mm  | 92,1   | 16   | 85  | 11   |
| 68mm  | 95,25  | 16   | 90  | 11,3 |
| 70mm  | 95,25  | 16   | 92  | 11,3 |
| 75mm  | 101,6  | 16   | 97  | 11,3 |
| 80mm  | 114,3  | 20   | 105 | 12   |
| 85mm  | 117,5  | 20   | 110 | 14   |
| 90mm  | 123,85 | 20   | 115 | 14   |
| 95mm  | 127    | 20   | 120 | 14   |
| 100mm | 133,35 | 20   | 125 | 14   |



**G60**



**G50**