Properties

| Design | Rod U-ring |
| :--- | :--- |
| Operating pressure | up to 400 bar |
| Sliding speed max. | $0,5 \mathrm{~m} / \mathrm{s}$ |
| Temp. min. | $-30^{\circ} \mathrm{C}$ |
| Temp. max. | $80^{\circ} \mathrm{C}$ |
| Media | Mineral oils |
| Installation | in closed grooves in open installation spaces |
| Material | (2) Seal: PUR |
| Application | Hydraulics |


| Q\% |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Spaltmaß/Clearance |  |  |  |  |
| Druck bar | e (mm) |  |  |  |
|  | RS...-L |  | RS...-LA |  |
|  | d $\leqslant 60 \mathrm{~mm}$ | - $>60 \mathrm{~mm}$ | d<60mm | d>60mm |
| 50 | $<0,40$ | < 0,50 | $<0,60$ | $<0,80$ |
| 100 | <0,30 | <0,40 | <0,60 | <0,80 |
| 200 | <0,20 | <0,30 | $<0,40$ | $<0,60$ |
| 300 | <0,15 | <0,20 | <0,30 | $<0,40$ |
| 400 | <0,10 | <0,15 | $<0,20$ | $<0,30$ |
| 500 |  |  | $<0,10$ | $<0,15$ |

## Description

Low-friction seal.
High abrasion resistance.
Simple solution.
Suitable for telescopic cylinders.

## Ordering information

We are able to produce seals with diameters of 20 to 510 mm with short lead times.

| Identification | D | d | L | Standard grooves |
| :---: | :---: | :---: | :---: | :---: |
|  | (mm) | (mm) | (mm) |  |
| RS 15 26-L | 26,0 | 15,0 | 8,0 | - |
| RS 18 26-L1 | 26,0 | 18,0 | 7,0 | - |
| RS 25 33-L1 | 33,0 | 25,0 | 7,5 | - |
| RS 25 33-L3 | 33,0 | 25,0 | 6,3 | - |
| RS 25 35-L | 25,0 | 25,0 | 8,0 | ISO 5597 |
| RS 30 38-L | 38,0 | 30,0 | 12,5 | - |
| RS 30 40-L | 40,0 | 30,0 | 8,0 | - |
| RS 32 40-L1 | 40,0 | 32,0 | 7,0 | - |
| RS 32 40-L | 40,0 | 32,0 | 7,7 | - |
| RS 32 41-L | 41,0 | 32,0 | 8,9 | - |
| RS 35 43-L | 43,0 | 35,0 | 8,0 | - |
| RS 36 43-L | 43,0 | 36,0 | 12,5 | - |
| RS 36 44-L | 44,0 | 36,0 | 7,0 | - |
| RS 38 46-L | 46,0 | 38,0 | 12,5 | - |
| RS 38 48-L | 48,0 | 38,0 | 9,0 | - |
| RS 40 48-L1 | 48,0 | 40,0 | 6,3 | - |
| RS 40 48-L | 48,0 | 40,0 | 12,5 | - |
| RS 40 50-L | 50,0 | 40,0 | 8,0 | ISO 5597 |
| RS 40 55-L | 55,0 | 40,0 | 11,0 | - |
| RS 42 50-L | 50,0 | 42,0 | 12,5 | - |
| RS 42 53-L | 53,0 | 42,0 | 10,0 | - |
| RS 45 53-L | 53,0 | 45,0 | 12,5 | - |
| RS 45 55-L | 55,0 | 45,0 | 12,5 | - |
| RS 48 56-L1 | 56,0 | 48,0 | 12,5 | - |
| RS 50 57-L | 57,0 | 50,0 | 11,0 | - |
| RS 50 58-L | 58,0 | 50,0 | 12,5 | - |
| RS 50 60-L | 60,0 | 50,0 | 8,0 | ISO 5597 |
| RS 50 60-L1 | 60,0 | 50,0 | 11,0 | - |
| RS 50 65-L1 | 65,0 | 50,0 | 11,0 | - |
| RS 55 62-L | 62,5 | 55,0 | 10,0 | - |
| RS 55 63-L | 63,0 | 55,0 | 12,5 | - |
| RS 55 65-L1 | 65,0 | 55,0 | 9,5 | - |
| RS 55 65-L | 65,0 | 55,0 | 11,0 | - |
| RS 58 68-L | 68,0 | 58,0 | 12,5 | - |
| RS 60 68-L | 68,0 | 60,0 | 12,5 | - |
| RS 60 70-L | 70,0 | 60,0 | 12,5 | - |
| RS 60 75-L1 | 75,0 | 60,0 | 11,0 | - |
| RS 60 75-L2 | 75,0 | 60,0 | 12,5 | - |

## Item

| Identification | D | d | L | Standard grooves |
| :---: | :---: | :---: | :---: | :---: |
|  | (mm) | (mm) | (mm) |  |
| RS 60 75-L | 75,0 | 60,0 | 16,5 | - |
| RS 63 71-L | 71,0 | 63,0 | 12,5 | - |
| RS 65 73-L | 73,0 | 65,0 | 12,5 | - |
| RS 67 75-L | 75,0 | 67,0 | 12,5 | - |
| RS 70 78-L | 78,0 | 70,0 | 12,5 | - |
| RS 70 80-L | 80,0 | 70,0 | 12,5 | - |
| RS 70 85-L | 85,0 | 70,0 | 12,5 | ISO 5597 |
| RS 70 90-L | 90,0 | 70,0 | 13,0 | - |
| RS 73 82-L | 82,4 | 73,0 | 7,8 | - |
| RS 75 83-L | 83,0 | 75,0 | 12,5 | - |
| RS 75 85-L1 | 85,0 | 75,0 | 9,5 | - |
| RS 75 85-L | 85,0 | 75,0 | 12,5 | - |
| RS 78 86-L1 | 86,0 | 78,0 | 12,5 | - |
| RS 78 90-L | 90,0 | 78,0 | 13,0 | - |
| RS 80 88-L | 88,0 | 80,0 | 12,5 | - |
| RS 80 90-L1 | 90,0 | 80,0 | 11,0 | - |
| RS 80 90-L2 | 90,0 | 80,0 | 12,5 | - |
| RS 80 95-L | 95,0 | 80,0 | 12,5 | ISO 5597 |
| RS 82 97-L | 97,5 | 82,5 | 13,0 | - |
| RS 85 93-L | 83,0 | 85,0 | 12,5 | - |
| RS 87 95-L | 95,0 | 87,0 | 12,5 | - |
| RS 89 97-L | 97,0 | 89,0 | 12,5 | - |
| RS 90 98-L | 98,0 | 90,0 | 12,5 | - |
| RS 90 100-L1 | 100,0 | 90,0 | 10,0 | - |
| RS 90 100-L | 100,0 | 90,0 | 12,5 | - |
| RS 90 105-L | 105,0 | 90,0 | 12,5 | ISO 5597 |
| RS 90 110-L | 110,0 | 90,0 | 13,0 | - |
| RS 93 101-L | 101,0 | 93,0 | 12,5 | - |
| RS 95 103-L | 103,0 | 95,0 | 12,5 | - |
| RS 95 105-L1 | 105,0 | 95,0 | 9,5 | - |
| RS 95 105-L | 105,0 | 95,0 | 13,0 | ISO 5597 |
| RS 97 105-L1 | 105,0 | 97,0 | 12,5 | - |
| RS 100 108-L | 108,0 | 100,0 | 12,5 | - |
| RS 100 110-L1 | 110,0 | 100,0 | 11,0 | - |
| RS 100 110-L | 110,0 | 100,0 | 12,5 | - |
| RS 1001 15-L | 115,0 | 100,0 | 11,0 | - |
| RS 100 115-L1 | 115,0 | 100,0 | 13,0 | - |
| RS 100 120-L1 | 120,0 | 100,0 | 13,0 | - |
| RS 105 113-L1 | 113,0 | 105,0 | 12,5 | - |
| RS 105 113-L | 113,0 | 105,0 | 14,5 | - |
| RS 105 115-L | 115,0 | 105,0 | 12,5 | - |
| RS 108 116-L | 116,0 | 108,0 | 12,5 | - |
| RS 110 118-L | 118,0 | 110,0 | 12,5 | - |
| RS 113 123-L1 | 123,0 | 113,0 | 9,5 | - |
| RS 115 123-L | 123,0 | 115,0 | 12,5 | - |
| RS 115 125-L1 | 125,0 | 115,0 | 13,0 | - |
| RS 115 125-L | 125,0 | 115,0 | 15,0 | - |
| RS 120 128-L | 128,0 | 120,0 | 12,5 | - |
| RS 125 133-L | 133,0 | 125,0 | 12,5 | - |
| RS 125 135-L | 135,0 | 125,0 | 11,0 | - |
| RS 125 145-L1 | 145,0 | 125,0 | 16,0 | ISO 5597 |
| RS 128 136-L | 136,0 | 128,0 | 12,5 | - |
| RS 130 138-L | 138,0 | 130,0 | 12,5 | - |
| RS 132 142-L1 | 142,0 | 132,0 | 9,5 | - |
| RS 135 143-L | 143,0 | 135,0 | 12,5 | - |
| RS 140 148-L | 148,0 | 140,0 | 12,5 | - |
| RS 143 151-L1 | 151,0 | 143,0 | 12,5 | - |
| RS 145 153-L | 153,0 | 145,0 | 12,5 | - |
| RS 145 155-L | 155,0 | 145,0 | 13,0 | - |
| RS 150 170-L | 170,0 | 150,0 | 16,0 | - |
| RS 152 160-L | 160,0 | 152,0 | 12,5 | - |
| RS 155 163-L | 163,0 | 155,0 | 12,5 | - |
| RS 160 168-L | 168,0 | 160,0 | 12,5 | - |


| Item |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Identification | D | d | L | Standard grooves |
|  | (mm) | (mm) | (mm) |  |
| RS 160 170-L | 170,0 | 160,0 | 12,5 | - |
| RS 170 178-L | 178,0 | 170,0 | 12,5 | - |
| RS 170 180-L | 180,0 | 170,0 | 13,0 | - |
| RS 180 188-L | 188,0 | 180,0 | 14,5 | - |
| RS 180 190-L | 190,0 | 180,0 | 11,0 | - |
| RS 180 195-L | 195,0 | 180,0 | 13,5 | - |
| RS 185 193-L | 193,0 | 185,0 | 12,5 | - |
| RS 202 212-L | 212,0 | 202,0 | 14,5 | - |
| RS 212 220-L | 212,0 | 212,0 | 14,5 | - |

