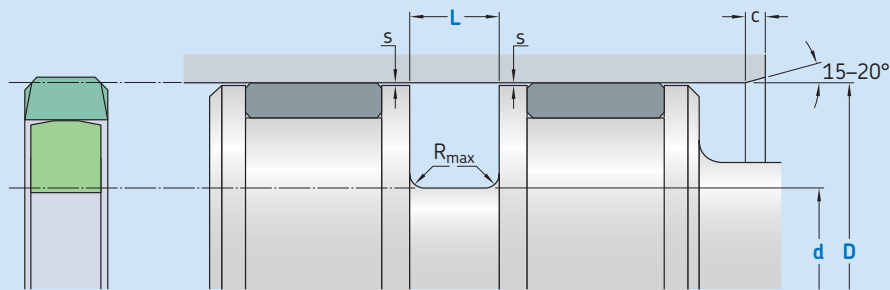


# K08-DS

## F-Slide



Ordering dimensions in **blue**

| Surface roughness       | $R_{tmax}$       | $R_a$            |
|-------------------------|------------------|------------------|
| <b>Sliding surface</b>  | $\leq 2 \mu m$   | $0,05-0,2 \mu m$ |
| <b>Bottom of groove</b> | $\leq 6,3 \mu m$ | $\leq 1,6 \mu m$ |
| <b>Groove face</b>      | $\leq 15 \mu m$  | $\leq 3 \mu m$   |

Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

| Standard dimensions |              |        |       |           |      | Maximal radial extrusion gap |         |         |         |
|---------------------|--------------|--------|-------|-----------|------|------------------------------|---------|---------|---------|
| D                   | H9           | d      | L     | $R_{max}$ | c    | $s^*$                        |         |         |         |
| over                | incl.        | h10    | + 0,2 |           |      | 100 bar                      | 200 bar | 400 bar | 600 bar |
| mm                  |              |        |       |           |      | mm                           |         |         |         |
| <b>15</b>           | <b>50</b>    | D - 10 | 5,0   | 0,3       | 4,0  | 0,40                         | 0,30    | 0,20    | 0,10    |
| <b>50</b>           | <b>60</b>    | D - 15 | 7,5   | 0,4       | 5,0  | 0,50                         | 0,30    | 0,20    | 0,10    |
| <b>60</b>           | <b>200</b>   | D - 20 | 10,0  | 0,4       | 6,0  | 0,60                         | 0,40    | 0,25    | 0,15    |
| <b>200</b>          | <b>300</b>   | D - 25 | 12,5  | 0,4       | 8,5  | 0,60                         | 0,40    | 0,25    | 0,15    |
| <b>300</b>          | <b>530</b>   | D - 30 | 15,0  | 0,8       | 10,0 | 0,70                         | 0,50    | 0,30    | 0,20    |
| <b>530</b>          | <b>680</b>   | D - 35 | 17,5  | 1,2       | 13,0 | 0,80                         | 0,60    | 0,50    | 0,20    |
| <b>680</b>          | <b>1 500</b> | D - 40 | 20,0  | 1,2       | 15,0 | 1,00                         | 0,70    | 0,60    | 0,30    |

\* The extrusion gap referred to is valid up to 80 °C and valid for the side opposite to the pressure side; higher temperatures require lower values.

### Ordering example

Profile  
D x d x L [mm]  
Sealing material / Energizer

F-Slide K08-DS  
100 x 80 x 10  
SKF Ecoflon 3 / SKF Ecorubber-1

Operating parameters

| Material Seal   | Energizer         | Temperature |      | Speed <sup>1)</sup> | Pressure <sup>2)</sup> |
|-----------------|-------------------|-------------|------|---------------------|------------------------|
|                 |                   | from        | to   | max                 | max                    |
| –               |                   | °C          |      | m/s                 | bar (MPa)              |
| ■ SKF Ecoflon 2 | ■ SKF Ecorubber-1 | –30         | +100 | 10                  | 600 (60)               |
| ■ SKF Ecoflon 3 |                   |             |      |                     |                        |
| ■ SKF Ecoflon 4 | ■ SKF Ecorubber-2 | –20         | +200 |                     |                        |

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

<sup>1)</sup> Surface speed limit values are valid only in the presence of a lubrication film.

<sup>2)</sup> Pressure ratings depend on the size of the extrusion gap.