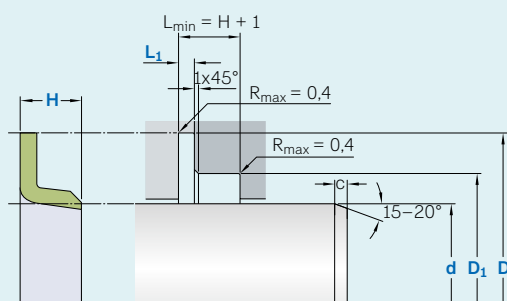


# S16-B



Ordering dimensions in **blue**

| Surface roughness       | $R_{tmax}$    | $R_a$      |
|-------------------------|---------------|------------|
|                         | $\mu\text{m}$ |            |
| <b>Sliding surface</b>  | $\leq 2,5$    | 0,05–0,3   |
| <b>Bottom of groove</b> | $\leq 6,3$    | $\leq 1,6$ |
| <b>Groove face</b>      | $\leq 15$     | $\leq 3$   |

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

### Standard dimensions

Minimum nominal inside diameter  
 $d \geq 11 \text{ mm}$ .

This is not a standard profile and serves as a replacement seal to fit existing housings. New constructions should use standard profiles.

### Ordering example

Profile  
 $d \times D/D_1 \times L_1/H$  [mm]  
Sealing material

**Rod Seal S16-B**  
**100 x 150/120 x 5/25**  
**ECOPUR**

## Operating parameters

| Material Seal     | Temperature |      | Speed <sup>1)</sup><br>linear<br>max | Pressure<br>linear <sup>2)</sup><br>max |
|-------------------|-------------|------|--------------------------------------|-----------------------------------------|
|                   | from        | to   |                                      |                                         |
|                   | °C          |      | m/s                                  | bar (MPa)                               |
| ■ ECOPUR          | -30         | +110 | 0,5                                  | 160 (16)                                |
| ■ ECOPUR LD       | -35         | +110 | 0,5                                  | 160 (16)                                |
| ■ G-ECOPUR        | -30         | +110 | 0,5                                  | 160 (16)                                |
| ■ H-ECOPUR        | -20         | +110 | 0,5                                  | 160 (16)                                |
| ■ S-ECOPUR        | -20         | +110 | 0,5                                  | 160 (16)                                |
| ■ T-ECOPUR        | -50         | +110 | 0,5                                  | 160 (16)                                |
| ■ SKF Ecorubber-1 | -30         | +100 | 0,5                                  | 160 (16)                                |
| ■ SKF Ecorubber-H | -25         | +150 | 0,5                                  | 160 (16)                                |
| ■ SKF Ecorubber-2 | -20         | +200 | 0,5                                  | 160 (16)                                |
| ■ SKF Ecorubber-3 | -50         | +150 | 0,5                                  | 160 (16)                                |
| ■ SKF Ecoflas     | -10         | +200 | 0,5                                  | 160 (16)                                |

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.