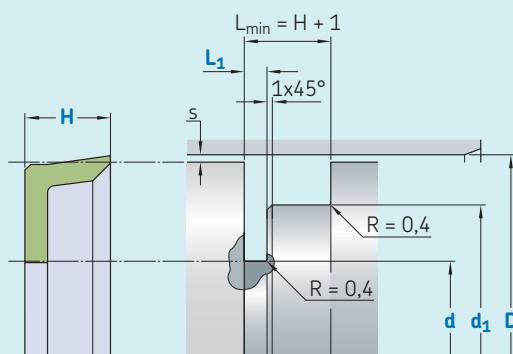


# K16-A



Ordering dimensions in **blue**

| Surface roughness | $R_{t\max}$ | $R_a$ |
|-------------------|-------------|-------|
| $\mu\text{m}$     |             |       |

**Sliding surface**  $\leq 2,5$   $0,05\text{--}0,2$

**Bottom of groove**  $\leq 6,3$   $\leq 1,6$

**Groove face**  $\leq 15$   $\leq 3$

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

## Standard dimensions

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

Piston seal K16-A

58 x 40/49 x 3/12

ECOPUR

**Operating parameters**

| Material<br>Seal  | Temperature |      | Speed <sup>1)</sup><br>linear<br>max | Pressure <sup>2)</sup><br>linear<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.



[skf.com](http://skf.com) | [skf.com/seals](http://skf.com/seals)

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