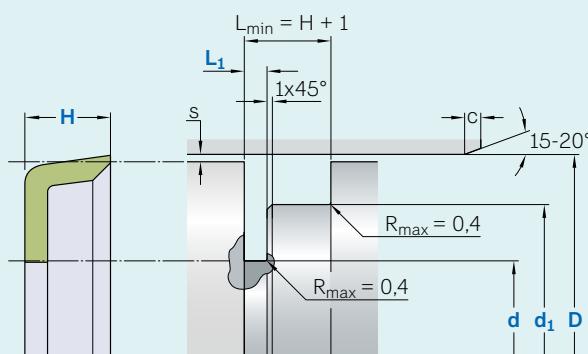


# K16-B



Ordering dimensions in blue

Surface roughness $R_{t\max}$	$R_a$
μm	

**Sliding surface** ≤ 2,5 0,05–0,2

**Bottom of groove** ≤ 6,3 ≤ 1,6

**Groove face** ≤ 15 ≤ 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 x d/d<sub>1</sub> x L<sub>1</sub>/H [mm]

Sealing material

Piston seal K16-B

58 x 40/49 x 3/12

ECOPUR

**Operating parameters**

<b>Material Seal</b>	<b>Temperature</b>		<b>Speed<sup>1)</sup> linear max</b>	<b>Pressure<sup>2)</sup> linear max</b>
	<b>from</b>	<b>to</b>		
	<b>°C</b>		<b>m/s</b>	<b>bar (MPa)</b>
■ 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.



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