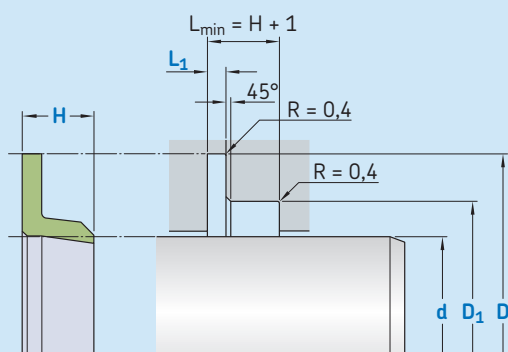


# S16-A



Ordering dimensions in **blue**

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

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

## Standard dimensions

Minimum nominal inside diameter  
 $d \geq 6 \text{ mm}$ .

This is not a standard profile and serves as a replacement for an existing installation space. New constructions should use standard profiles.

## Ordering example

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

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

## Operating parameters

Material Seal	Temperature		Speed <sup>1)</sup>		Pressure	
	from	to	linear max	rotary max	linear <sup>2)</sup> max	rotary max
–	°C		m/s		bar (MPa)	
■ ECOPUR	–30		0,5			
■ H-ECOPUR	–20	+110	0,7	2		7 (0,7)
■ S-ECOPUR	–50					
■ T-ECOPUR	–30				160 (16)	
■ G-ECOPUR	–30	+100				
■ SKF Ecorubber-1	–20	+200	0,5			
■ SKF Ecorubber-2	–50	+150		5		5 (0,5)
■ SKF Ecorubber-3	–25					
■ SKF Ecorubber-H	–10	+200				
■ SKF Ecoflas						

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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