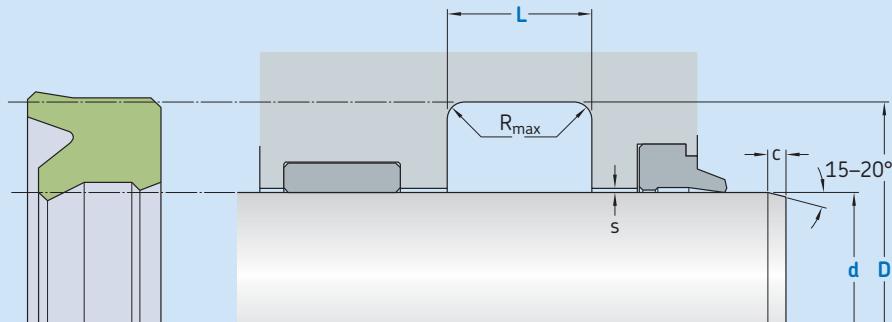


S17-P



Ordering dimensions in **blue**

Surface roughness	$R_{t\max}$	R_a
Sliding surface	$\leq 2,5 \mu\text{m}$	$0,05\text{--}0,3 \mu\text{m}$
Bottom of groove	$\leq 6,3 \mu\text{m}$	$\leq 1,6 \mu\text{m}$
Groove face	$\leq 15 \mu\text{m}$	$\leq 3 \mu\text{m}$

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

Standard dimensions			L	$R_{t\max}$	c	Maximal radial extrusion gap					
d	D	s^*				20 bar	100 bar	200 bar	400 bar		
f8	H10	+ 0,2									
over	incl.						mm	mm	mm		
6	25	$d + 8$	6,3	0,4	3,5	0,33	0,17	0,11	0,05		
25	50	$d + 10$	8,0	0,4	4,0	0,37	0,22	0,16	0,10		
50	150	$d + 15$	10,0	0,4	5,0	0,46	0,31	0,25	0,19		
150	300	$d + 20$	14,0	0,4	6,0	0,54	0,39	0,32	0,26		
300	500	$d + 25$	17,0	0,4	8,5	0,61	0,46	0,39	0,33		
500	600	$d + 30$	25,0	0,4	10,0	0,67	0,52	0,45	0,39		

* Extrusion gap values shown above are valid for a temperature of 70 °C, higher temperatures require lower values.

Ordering example

Profile

$d \times D \times L$ [mm]

Sealing material

Rod Seal S17-P

100 x 115 x 10

ECOPUR

Operating parameters

Material Seal	Temperature	Speed¹⁾	Pressure²⁾
	from to	max	max
-	°C	m/s	bar (MPa)
■ ECOPUR	-30		
■ ECOPUR LD	-35		
■ G-ECOPUR	-30	0,5	
■ H-ECOPUR	-20	+110	400 (40)
■ S-ECOPUR			0,7
■ T-ECOPUR	-50		0,5

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

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

²⁾ Pressure ratings depend on the size of the extrusion gap.