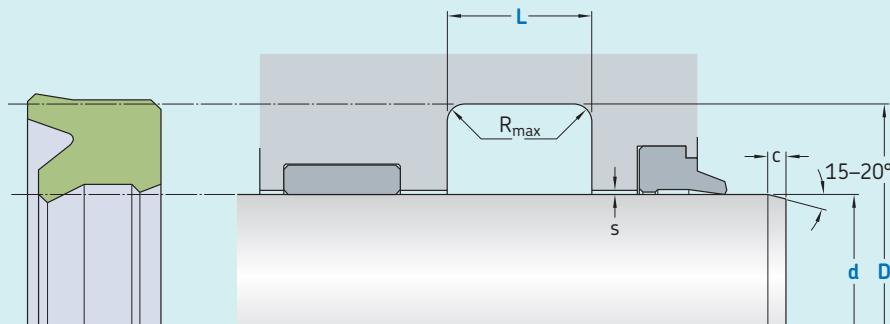


# S17-P

Ordering dimensions in **blue**

Surface roughness	$R_{t\max}$	$R_a$
	$\mu\text{m}$	
<b>Sliding surface</b>	$\leq 2,5$	$0,05\text{--}0,3$
<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  $C_{\text{ref}} = 0\%$

d f8 over	D H10 incl.	L $+0,2$	$R_{\max}$	c	Maximal radial extrusion gap				
					s*	20 bar	100 bar	200 bar	
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 x D x L [mm]

Sealing material

Rod Seal S17-P

100 x 115 x 10

ECOPUR

### Operating parameters

Material Seal	Temperature		Speed <sup>1)</sup>	Pressure <sup>2)</sup>
	from	to	max	max
	°C		m/s	bar (MPa)
■ ECOPUR	-30	+110	0,5	400 (40)
■ ECOPUR LD	-35	+110	0,5	400 (40)
■ G-ECOPUR	-30	+110	0,5	400 (40)
■ H-ECOPUR	-20	+110	0,5	400 (40)
■ S-ECOPUR	-20	+110	0,5	400 (40)
■ T-ECOPUR	-50	+110	0,5	400 (40)

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.

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