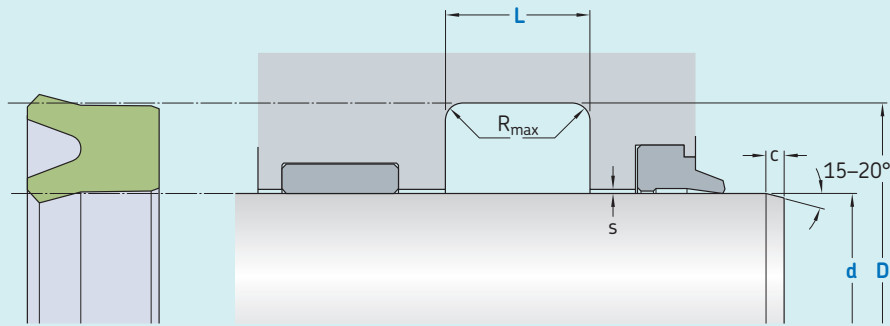


S06-P



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	μm	
Sliding surface	$\leq 2,5$	$0,05-0,3$
Bottom of groove	$\leq 6,3$	$\leq 1,6$
Groove face	≤ 15	≤ 3

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

Standard dimensions						Maximal radial extrusion gap				
d	f8	D	L	R_{max}	c	s^*				
	over	incl.	H10	+ 0,2			20 bar	100 bar	200 bar	400 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	700	$d + 30$	25,0	0,4	10,0	0,67	0,52	0,45	0,39	
700		$d + 40$	32,0	0,4	13,0	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 S06-P
100 x 115 x 10
 ECOPUR

Operating parameters

Material Seal	Temperature		Speed ¹⁾	Pressure ²⁾
	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.