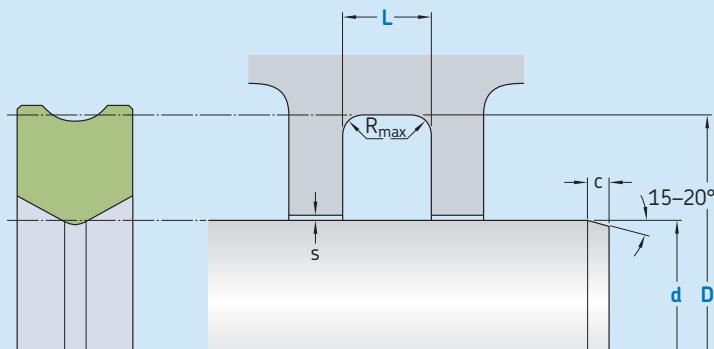


S35-P



Ordering dimensions in blue

Surface roughness	$R_{t\max}$	R_a
Sliding surface	$\leq 2,5 \mu\text{m}$	$0,1\text{--}0,5 \mu\text{m}$
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 $+ 0,2$	$R_{t\max}$	c	maximal radial extrusion gap			
d f8	D H10	over	incl.				mm	mm	mm	mm
5	10	d + 5		4,0	0,4	2,0	0,33	0,18	0,10	0,05
10	25	d + 6		4,5	0,4	3,0	0,33	0,18	0,10	0,05
25	50	d + 8		5,5	0,4	3,5	0,33	0,18	0,10	0,05
50	100	d + 10		6,5	0,4	4,0	0,37	0,23	0,15	0,10
100	150	d + 15		9,5	0,4	5,0	0,46	0,33	0,25	0,18
150	300	d + 20		12,5	0,4	6,0	0,54	0,38	0,33	0,25
300	500	d + 25		15,0	0,4	8,5	0,61	0,45	0,40	0,33
500	700	d + 30		17,5	0,4	10,0	0,67	0,50	0,45	0,40
700	1 250	d + 40		22,0	0,4	13,0	0,77	0,50	0,45	0,40
1 250	2 000	d + 50		27,0	0,4	15,0	0,87	0,60	0,50	0,40
2 000	4 000	d + 60		32,0	0,4	18,0	0,97	0,70	0,50	0,40

* 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 S35-P
120 x 135 x 9,5
ECOPUR



Operating parameters

Material Seal	Temperature		Speed ^{1) 2)}	Pressure ³⁾
	from	to	max	max
-	°C		m/s	bar (MPa)
■ ECOPUR	-30		0,4	
■ H-ECOPUR	-20			
■ S-ECOPUR	-20	+110	0,5	400 (40)
■ T-ECOPUR	-50		0,4	
■ G-ECOPUR	-30			

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⁾ Rotary applications max. 0,2 m/s

³⁾ Pressure ratings depend on the size of the extrusion gap.

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