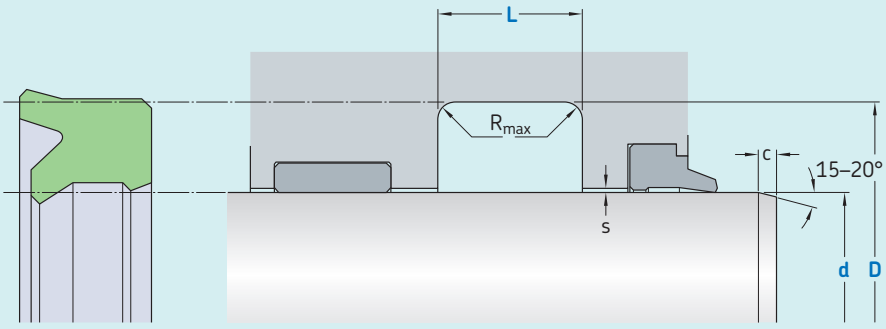
S17-R



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	µm	
Sliding surface	≤ 2,5	0,05–0,3
Bottom of groove	≤ 6,3	≤ 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 H10	L + 0,2	R_{max}	c	s*		
over	incl.					20 bar	100 bar	160 bar
mm						mm		
6	**25**	d + 8	6,3	0,4	3,5	0,23	0,16	0,14
25	**50**	d + 10	8,0	0,4	4,0	0,26	0,19	0,17
50	**150**	d + 15	10,0	0,4	5,0	0,31	0,24	0,22
150	**300**	d + 20	14,0	0,4	6,0	0,34	0,27	0,25
300	**500**	d + 25	17,0	0,4	8,5	0,37	0,30	0,29
500	**600**	d + 30	25,0	0,4	10,0	0,40	0,34	0,32

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

Ordering example

Profile	**Rod Seal S17-R**
d x D x L [mm]	**100 x 115 x 10**
Sealing material	**SKF Ecorubber-1**

Operating parameters

Material Seal	Temperature		Speed[1]	Pressure[2]
	from	to	max	max
	°C		m/s	bar (*MPa*)
■ SKF Ecorubber-1	–30	+100	0,5	160 (*16*)
■ SKF Ecorubber-H	–25	+150	0,5	160 (*16*)
■ SKF Ecorubber-2	–20	+200	0,5	160 (*16*)
■ SKF Ecorubber-3	–50	+150	0,5	160 (*16*)
■ SKF Ecoflas	–10	+200	0,5	160 (*16*)

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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