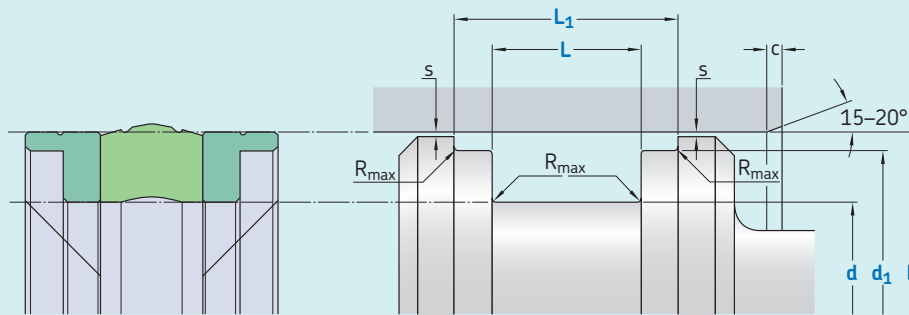


K17-R



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	μm	

Sliding surface $\leq 2,5$ $0,05-0,2$

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

D	d	d_1	L	L_1	R_{max}	c	s^*	
H9	h9	h8	+ 0,2				250 bar	
over	incl.							
mm								
13	40	D - 8	D - 3	10	18	0,4	4,0	0,39
40	80	D - 10	D - 3	10	18	0,4	4,0	0,39
80	120	D - 15	D - 4	15	23	0,4	5,0	0,52
120	200	D - 20	D - 5	20	33	0,4	6,0	0,65
200	400	D - 25	D - 6	25	39	0,4	8,5	0,78
400	600	D - 30	D - 8	30	44	0,4	10,0	1,00

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

Ordering example

Profile
 D x d/ d_1 x L/ L_1 [mm]
 Sealing material / Back-up ring

Piston seal K17-R
100 x 85/96 x 15/23
 SKF Ecorubber-1 / SKF Ecotal

Operating parameters

Material Seal	Back-up ring ³⁾	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
■ SKF Ecorubber-1	■ SKF Ecotal	-30	+100	0,5	250 (25)
■ SKF Ecorubber-1	■ SKF Ecomid	-30	+100	0,5	250 (25)
■ SKF Ecorubber-H	■ SKF Ecoflon 2	-25	+150	0,5	250 (25)
■ SKF Ecorubber-H	■ SKF Ecotal	-25	+100	0,5	250 (25)
■ SKF Ecorubber-H	■ SKF Ecomid	-25	+110	0,5	250 (25)
■ SKF Ecorubber-H	■ SKF Ecopaek	-25	+150	0,5	250 (25)
■ SKF Ecorubber-2	■ SKF Ecoflon 2	-20	+200	0,5	250 (25)
■ SKF Ecorubber-2	■ SKF Ecopaek	-20	+200	0,5	250 (25)

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.

³⁾ Size limitation D: Up to 260 mm SKF Ecotal, from 260 – 400 mm SKF Ecotal or SKF Ecomid and above 400 mm SKF Ecomid.