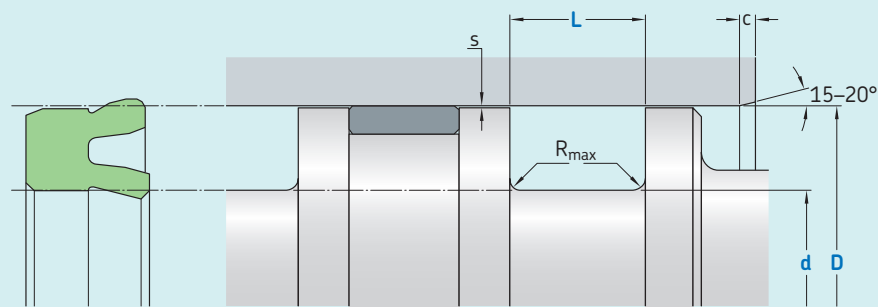


K05-R



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	L	R_{max}	c	s^*	
H9	h10	+ 0,2			25 bar	
over	incl.					
mm						
13	25	D – 8	6,0	0,4	3,5	0,23
25	50	D – 10	7,0	0,4	4,0	0,26
50	75	D – 12	8,0	0,4	4,5	0,29
75	150	D – 15	10,0	0,4	5,0	0,32
150	300	D – 20	12,0	0,4	6,0	0,35
300	500	D – 25	18,0	0,4	8,5	0,39
500	750	D – 30	20,0	0,4	10,0	0,40
750		D – 40	26,0	0,4	13,0	0,40

* 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

Piston seal K05-R
100 x 85 x 10
SKF Ecorubber-1

Operating parameters

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

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.