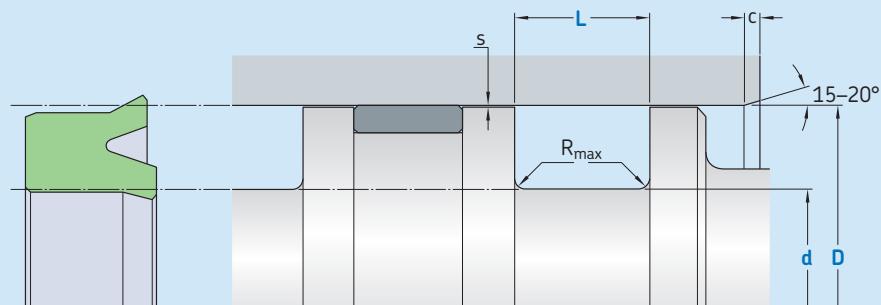


K01-R



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

D H9 over	d h10 incl.	L $+0,2$	$R_{t\max}$	c	s*	20 bar	100 bar	160 bar
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mm mm

13	25	D - 8	6,0	0,4	3,5	0,23	0,16	0,14
25	50	D - 10	7,0	0,4	4,0	0,26	0,19	0,17
50	75	D - 12	8,0	0,4	4,5	0,29	0,22	0,20
75	150	D - 15	10,0	0,4	5,0	0,32	0,24	0,22
150	300	D - 20	12,0	0,4	6,0	0,35	0,27	0,25
300	500	D - 25	18,0	0,4	8,5	0,39	0,30	0,29
500	750	D - 30	20,0	0,4	10,0	0,40	0,34	0,32
750		D - 40	26,0	0,4	13,0	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

D x d x L [mm]

Sealing material

Piston seal K01-R

100 x 85 x 10

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		
■ SKF Ecorubber-2	-20	+200	0,5	
■ SKF Ecorubber-3	-50			
■ SKF Ecorubber-H	-25	+150		160 (16)
■ SKF Ecosil	-60	+200	-	
■ SKF Ecoflas	-10		0,5	

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.

²⁾ Pressure ratings depend on the size of the extrusion gap.

