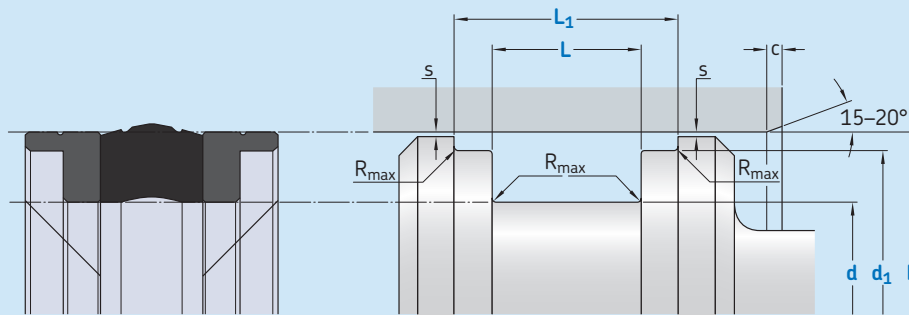


DK17-R



Ordering dimensions in **blue**

Surface roughness R_{tmax} R_a

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

Bottom of groove $\leq 6,3 \mu m$ $\leq 1,6 \mu m$

Groove face $\leq 15 \mu m$ $\leq 3 \mu m$

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 ¹⁾	
H9 over	h9 incl.	h8	+ 0,2					
mm								
13	40	D – 8	D – 3	10	18	0,4	4	0,39
40	80	D – 10	D – 3	10	18	0,4	4	0,39
80	120	D – 15	D – 4	15	23	0,4	5	0,52
120	200	D – 20	D – 5	20	33	0,4	6	0,65

¹⁾ Extrusion gap values shown above are valid for a temperature of 70 °C, higher temperatures require lower values.

Ordering example

Profile
D x d/d₁ x L/L₁ [mm]
Sealing material / Backup ring

Piston seal DK17-R
100 x 85/96 x 15/23
SKF Econbr / SKF Ectotal

Operating parameters

Material Seal	Back-up ring	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
■ SKF Econbr	■ SKF Ecotal	-30	+100	0,5	250 (25)
■ SKF Ecofkm	■ SKF Eicoptfe	-25	+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.