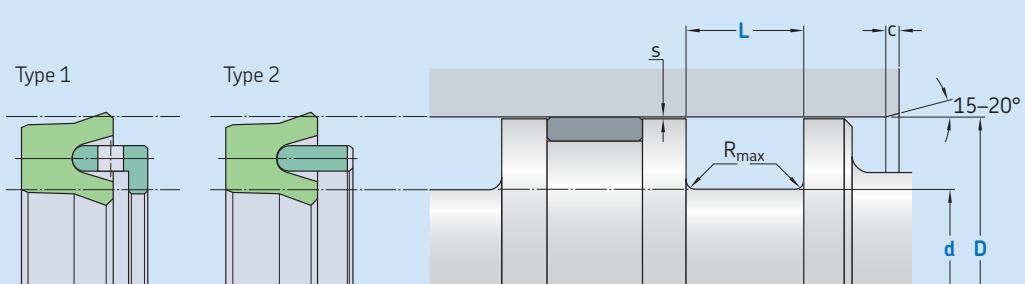


## K22-R



Ordering dimensions in blue

	R <sub>tmax</sub>	R <sub>a</sub>
<b>Sliding surface</b>	≤ 2,5 µm	0,05–0,2 µm
<b>Bottom of groove</b>	≤ 6,3 µm	≤ 1,6 µm
<b>Groove face</b>	≤ 15 µm	≤ 3 µm

Bearing area: 50–95% and a cutting depth of 0,5 R<sub>t</sub> based on C<sub>ref</sub> = 0%

D H9 over	d h10 incl.	L + 0,2	R <sub>tmax</sub>	C	Maximal radial extrusion gap s*			
					20 bar	100 bar	160 bar	
mm								
14	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	0,31	0,24	0,22
150	300	D – 20	12,0	0,4	6,0	0,34	0,27	0,25
300	500	D – 25	18,0	0,4	8,5	0,37	0,30	0,29
500	600	D – 30	20,0	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.  
Standard: type 2

## Ordering example

Profile

D x d x L [mm]

Sealing material / Support ring

Piston seal K22-R Type 1

100 x 85 x 10

SKF Ecorubber-1 / SKF Ecotal

**Operating parameters**

Material Seal	Support ring	Temperature		Speed <sup>1)</sup> max	Pressure <sup>2)</sup> max
		from	to		
-		°C		m/s	bar (MPa)
■ SKF Ecoflas	■ SKF Ecoflon 2	-10	+200		
			+150		
■ SKF Ecorubber-H	■ SKF Ecotal <sup>3)</sup> ■ SKF Ecomid <sup>3)</sup>	-25	+100		
■ SKF Ecorubber-1	■ SKF Ecotal <sup>3)</sup> ■ SKF Ecomid <sup>3)</sup>	-30	+100	0,5	160 (16)
■ SKF Ecorubber-2	■ SKF Ecoflon 2	-20	+200		
		-50	+150		
■ SKF Ecorubber-3	■ SKF Ecotal <sup>3)</sup> ■ SKF Ecomid <sup>3)</sup>	-40	+100		

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

<sup>1)</sup> Surface speed limit values are valid only in the presence of a lubrication film.

<sup>2)</sup> Pressure ratings depend on the size of the extrusion gap.

<sup>3)</sup> D ≤ 260 mm → SKF Ecotal, D > 260 mm → SKF Ecomid.