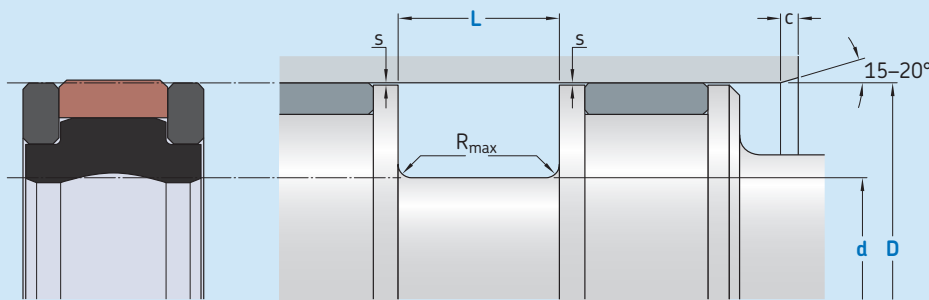


DK23-F



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2 \mu m$	0,05–0,2 μm
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	L	R_{max}	c	$s^{1)}$
H9 over	incl. h9	+ 0,2			
mm					
20	50	D – 10	12,5	0,4	4
50	80	D – 15	20	0,4	5
80	150	D – 20	25	0,4	6
150	200	D – 25	32	0,4	8,5

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 x L [mm]
Sealing material / Energizer / Backup ring

Piston seal DK23-F
100 x 80 x 25
SKF Ecoptfe / SKF Econbr / SKF Ecotal

Operating parameters

Material Seal	Energizer	Back-up ring	Temperature		Speed ¹⁾	Pressure ²⁾
			from	to	max	max
–			°C		m/s	bar (MPa)
■ SKF Eoptfe	■ SKF Econbr	■ SKF Ecotal	–30	+100	1,5	400 (40)

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.