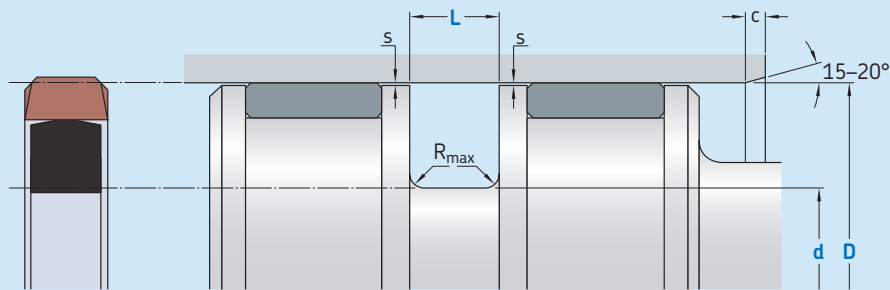


DK08-DS



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						Maximal radial extrusion gap			
D	d	L	R_{max}	c	$s^{1)}$				
H9	incl.	$h10$	$+0,2$			100 bar	200 bar	400 bar	600 bar
mm						mm			
15	50	D – 10	5,0	0,3	4,0	0,40	0,30	0,20	0,10
50	60	D – 15	7,5	0,4	5,0	0,50	0,30	0,20	0,10
60	200	D – 20	10,0	0,4	6,0	0,60	0,40	0,25	0,15

¹⁾ The extrusion gap referred to is valid up to 80 °C and valid for the side opposite to the pressure side; higher temperatures require lower values.

Ordering example

Profile
D x d x L [mm]
Sealing material / Energizer

Piston seal DK08-DS
100 x 80 x 10
SKF Eceptfe / SKF Econbr

Operating parameters

Material Seal	Energizer	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
■ SKF Eoptfe	■ SKF Econbr	-30	+100	10	600 (60)
■ SKF Eoptfe	■ SKF Ecofkm	-20	+200	10	600 (60)

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.