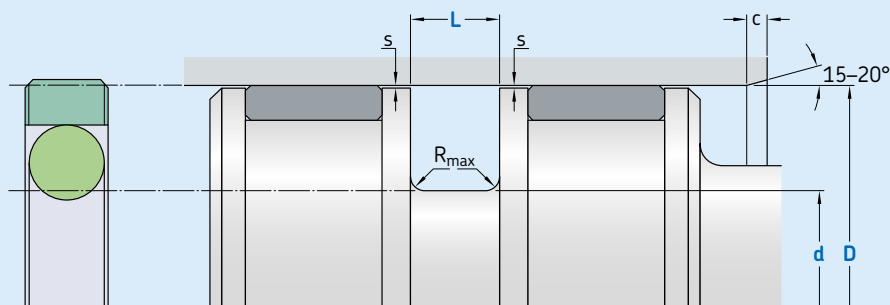


K08-D

F-Slide



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2 \mu m$	$0,05-0,2 \mu m$
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							Maximal radial extrusion gap			
D	H9	d	L	R	c	OD	s^*			
over	incl.	$h10$	$+ 0,2$				100 bar	200 bar	400 bar	600 bar
mm							mm			
10	15	D – 4,9	2,2	0,4	2,5	1,78	0,30	0,20	0,15	0,05
15	40	D – 7,5	3,2	0,6	3,5	2,62	0,40	0,25	0,15	0,05
40	80	D – 11	4,2	1,0	4,5	3,53	0,40	0,25	0,20	0,10
80	133	D – 15,5	6,3	1,3	5,0	5,33	0,50	0,30	0,20	0,10
133	330	D – 21	8,1	1,8	6,0	7,00	0,60	0,35	0,25	0,15
330	670	D – 24,5	8,1	1,8	8,0	7,00	0,60	0,35	0,25	0,15
670	1 000	D – 28	9,5	2,5	10,0	8,40	0,70	0,50	0,30	0,20
1 000	2 000	D – 38	13,8	3,0	12,0	12,00	1,00	0,70	0,60	0,30

* 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

F-Slide K08-D
100 x 84,5 x 6,3
SKF Ecoflon 3 / NBR70

Operating parameters

Material Seal	Energizer	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
<ul style="list-style-type: none"> SKF Ecoflon 2 SKF Ecoflon 3 SKF Ecoflon 4 	FPM75	-20	+200	10	600 (60)
	NBR70	-30	+100		

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.