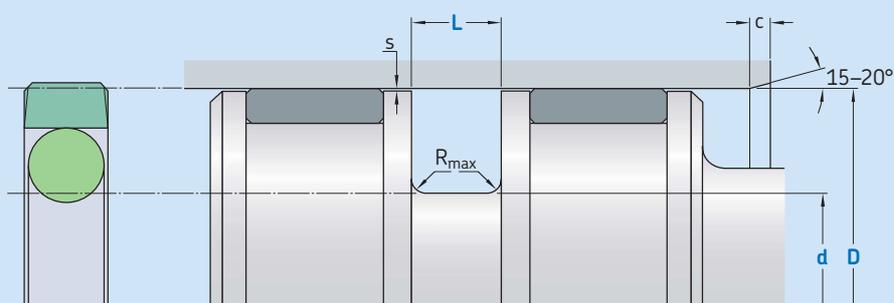


K08-D F-Slide



Ordering dimensions in **blue**

Surface roughness R_{tmax} R_a

Sliding surface $\leq 2 \mu m$ $0,05-0,3 \mu m$

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	L	R	c	OD	maximal radial extrusion gap s^*				
H9	h10	+ 0,2				100 bar	200 bar	400 bar	600 bar	
over	incl.					mm				
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 3F / NBR70



K08-D F-Slide

Operating parameters

Material Seal	Energizer	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
–					
■ SKF Ecoflon 2	NBR70	–30	+100	10	600 (60)
■ SKF Ecoflon 3					
■ SKF Ecoflon 3F					
■ SKF Ecoflon 4	FKM70	–20	+200		

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.

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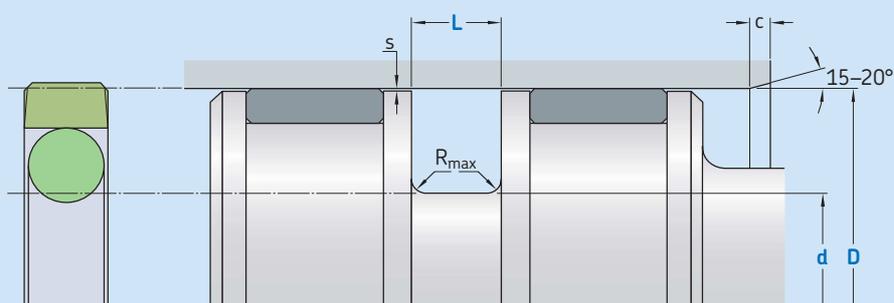
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K08-D X-Slide



Ordering dimensions in **blue**

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

* 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

X-Slide K08-D
100 x 84,5 x 6,3
X-ECOPUR / NBR70



K08-D X-Slide

Operating parameters

Material Seal	Energizer	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
■ X-ECOPUR ■ XH-ECOPUR ■ XS-ECOPUR ■ G-ECOPUR 54D	NBR70	-30	+100		600 (60)
	MVQ70	-55	+110	5	
■ SKF Ecowear 1000	NBR70	-30	+90		400 (40)
	MVQ70	-55			

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.

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