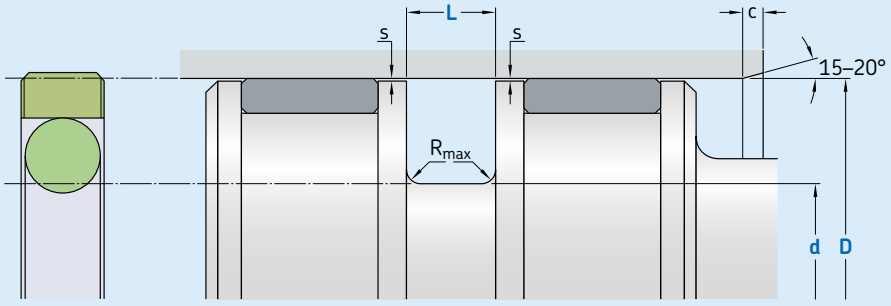
K08-D

X-Slide



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	≤ 2,5 µm	0,05–0,2 µm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm

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 h10	L + 0,2	R	c	OD	s*			
over	incl.						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	0,30	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	**X-Slide K08-D**
D x d x L [mm]	**100 x 84,5 x 6,3**
Sealing material / Energizer	**X-ECOPUR / NBR70**

K08-D X-Slide

Operating parameters

Material Seal	Energizer	Temperature from	Temperature to	Speed[1] max	Pressure[2] max
–		°C		m/s	bar *(MPa)*
G-ECOPUR 54D X-ECOPUR X-ECOPUR H X-ECOPUR S	NBR70	–30	+100	5	600 *(60)*
	MVQ70	–55	+110		
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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