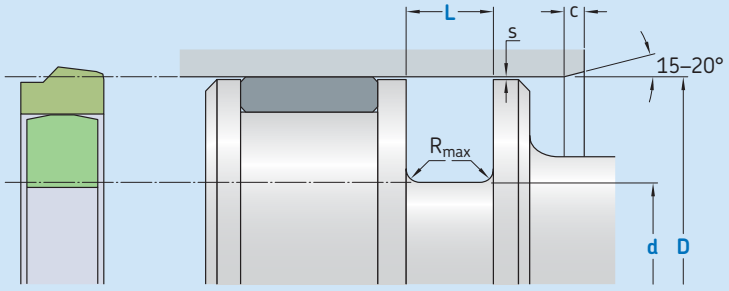
K08-ES

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_{max}	c	s*			
over	incl.					100 bar	200 bar	400 bar	600 bar
mm						mm			
15	**50**	D – 10	5,0	0,3	4,0	0,50	0,40	0,30	0,20
50	**60**	D – 15	7,5	0,4	5,0	0,50	0,40	0,30	0,20
60	**200**	D – 20	10,0	0,4	6,0	0,70	0,50	0,40	0,20
200	**300**	D – 25	12,5	0,4	8,5	0,80	0,60	0,50	0,30
300	**530**	D – 30	15,0	0,8	10,0	0,90	0,70	0,60	0,30
530	**680**	D – 35	17,5	1,2	13,0	1,00	0,80	0,70	0,30
680	**1 500**	D – 40	20,0	1,2	15,0	1,10	0,90	0,80	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-ES**
D x d x L [mm]	**100 x 80 x 10**
Sealing material / Energizer	**X-ECOPUR / SKF Ecorubber-1**

Operating parameters

Material Seal	Energizer	Temperature from	Temperature to	Speed[1] max	Pressure[2] max
–		°C		m/s	bar *(MPa)*
G-ECOPUR 54D	SKF Ecorubber-1	–30	+100	5	600 *(60)*
	SKF Ecosil	–60	+110		
X-ECOPUR X-ECOPUR H X-ECOPUR S	SKF Ecorubber-1	–30	+100		
	SKF Ecosil	–60			
SKF Ecowear 1000	SKF Ecorubber-1	–30	+90		400 *(40)*
	SKF Ecosil	–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.

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