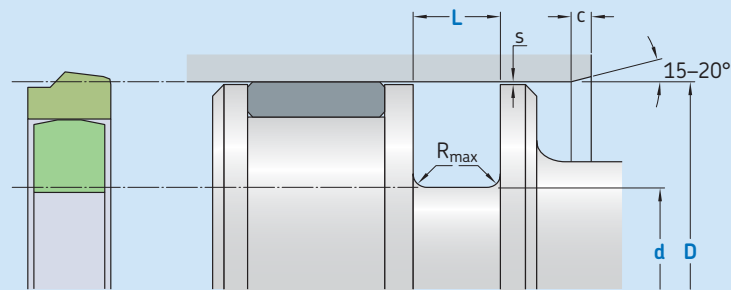


K08-ES

X-Slide



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2,5 \mu m$	$0,05-0,2 \mu m$
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_{max}	c	s^*			
over	incl.	h10	+ 0,2	μm		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
D x d x L [mm]
Sealing material / Energizer

X-Slide K08-ES
100 x 80 x 10
X-ECOPUR / SKF Ecorubber-1

Operating parameters

Material Seal	Energizer	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	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.