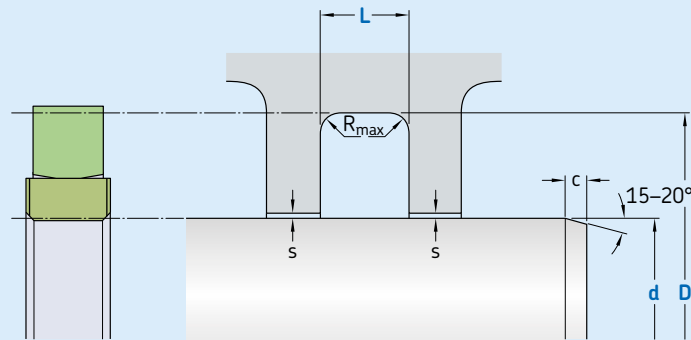


S09-DS

X-Slide



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2,5 \mu m$	$0,05-0,3 \mu m$
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						Maximal radial extrusion gap			
d	f8	D	L	R_{max}	c	s^*			
over	incl.	H10	+ 0,2			100 bar	200 bar	400 bar	600 bar
mm						mm			
4	50	d + 10	5,0	0,2	4,0	0,50	0,40	0,30	0,20
50	60	d + 15	7,5	0,3	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	11,5	1,00	0,80	0,70	0,30
680	1 500	d + 40	20,0	1,2	13,0	1,10	0,90	0,80	0,40

* Extrusion gap values shown above are valid for a temperature of 80 °C, higher temperatures require lower values.

Ordering example

Profile
d x D x L [mm]
Sealing material / Energizer

X-Slide S09-DS
100 x 120 x 10
X-ECOPUR / SKF Ecorubber-1

Operating parameters

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

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.