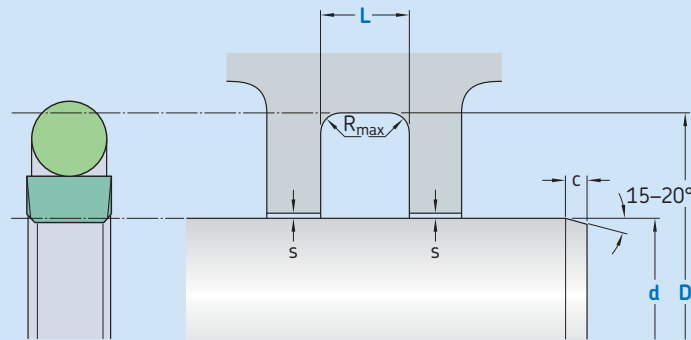


S09-D

F-Slide



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2 \mu m$	$0,05-0,2 \mu m$
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	D	L	R_{max}	c	OD	s^*				
f8	H10	+0,2				100 bar	200 bar	400 bar	600 bar	
over	incl.					mm				
mm						mm				
4	8	d + 4,9	2,2	0,4	2,5	1,78	0,30	0,20	0,15	0,05
8	19	d + 7,3	3,2	0,6	3,5	2,62	0,40	0,25	0,15	0,05
19	38	d + 10,7	4,2	1,0	4,5	3,53	0,40	0,25	0,20	0,10
38	200	d + 15,1	6,3	1,3	5,0	5,33	0,50	0,30	0,20	0,10
200	256	d + 20,5	8,1	1,8	6,0	7,00	0,60	0,35	0,25	0,15
256	650	d + 24,0	8,1	1,8	8,0	7,00	0,60	0,35	0,25	0,15
650	1 000	d + 27,3	9,5	2,5	10,0	8,40	0,70	0,50	0,30	0,20
1 000	2 000	d + 38,0	13,8	3,0	12,0	12,00	1,00	0,70	0,60	0,30

* 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

F-Slide S09-D
100 x 115,1 x 6,3
SKF Ecoflon 3 / NBR70

Operating parameters

Material Glide ring	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 4	FPM75	–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.