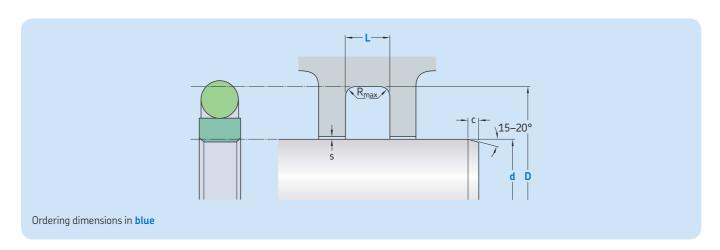
## S09-D F-Slide



Surface roughness	$R_{tmax}$	R <sub>a</sub>
Sliding surface	≤ 2 µm	0,05–0,3 μm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm
Bearing area: 50–95% and on C <sub>ref</sub> = 0%	l a cutting dept	h of 0,5 R <sub>z</sub> based

d	ard dime	D	L	R <sub>max</sub>	R <sub>max</sub> c	OD	maximal radial extrusion gap s*			
f8 over	incl.	H10	+ 0,2				100 bar	200 bar	400 bar	600 bar
mm							mm			
4 8 19	8 19 38	d + 4,9 d + 7,3 d + 10,7		0,4 0,6 1,0	2,5 3,5 4,5	1,78 2,62 3,53	0,30 0,40 0,40	0,20 0,25 0,25	0,15 0,15 0,20	0,05 0,05 0,10
38 200 256	200 256 650	d + 15,1 d + 20,5 d + 24,0	6,3 8,1 8,1	1,3 1,8 1,8	5,0 6,0 8,0	5,33 7,00 7,00	0,50 0,60 0,60	0,30 0,35 0,35	0,20 0,25 0,25	0,10 0,15 0,15
650 1 000	1 000 2 000	d + 27,3 d + 38,0	9,5 13,8	2,5 3,0	10,0 12,0	8,40 12,00	0,70 1,00	0,50 0,70	0,30 0,60	0,20 0,30
* Evtrus	on gan value	os chown abovo	are valid f	or a tompo	oratura of S	20°C higho	tomporature	e roquiro lov	vor valuos	
* Extrus	on gap value	es shown above	are valid fo	or a tempe	erature of 8	30 °C, higher	temperature	s require low	er values.	

Ordering example

Profile  $d \times D \times L$  [mm] Sealing material / Energizer

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



## S09-D F-Slide

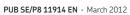
Operating paramet	ers				
<b>Material</b> Glide ring	Energizer	Tempe	rature	Speed <sup>1)</sup>	Pressure <sup>2)</sup>
	Effergizer	from	to	max	max
-		°C		m/s	bar (MPa)
SKF Ecoflon 2 SKF Ecoflon 3	NBR70	-30	+100	- 10	(00 (60)
SKF Ecoflon 3F SKF Ecoflon 4	FPM70	-20	+200	10	600 (6 <i>0</i> )

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.

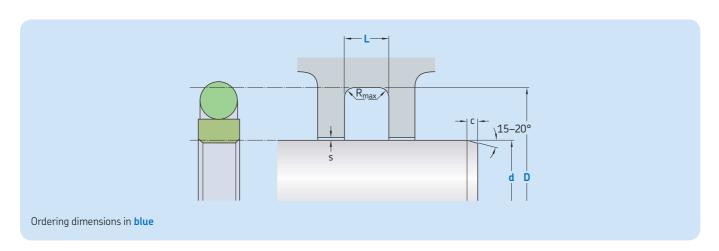
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## S09-D X-Slide



Surface roughness	$R_{tmax}$	Ra
Sliding surface	≤ 2,5 µm	0,1–0,5 μm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm
Bearing area: 50–95% and on C <sub>ref</sub> = 0%	d a cutting depth	of 0,5 R <sub>z</sub> based

Standard dim	D	L	R <sub>max</sub>	R <sub>max</sub> c	OD	maximal radial extrusion gap s*			
f8 over incl.	H10	+ 0,2				100 bar	200 bar	400 bar	600 bar
mm						mm			
4 8 8 19 19 38	d + 4,9 d + 7,3 d + 10,7		0,4 0,6 1,0	2,5 3,5 4,5	1,78 2,62 3,53	0,30 0,40 0,50	0,30 0,30 0,40	0,20 0,20 0,30	0,10 0,10 0,20
38 200 200 256 256 650	d + 15,1 d + 20,5 d + 24,0	6,3 8,1 8,1	1,3 1,8 1,8	5,0 6,0 8,0	5,33 7,00 7,00	0,50 0,70 0,70	0,40 0,50 0,50	0,30 0,40 0,40	0,20 0,20 0,20
650 1 000 1 000 3 000		9,5 13,8	2,5 3,0	10,0 12,0	8,40 12,00	0,80 1,10	0,70 0,80	0,50 0,70	0,30 0,40
<b>★</b> Extrusion gap va	ues shown abovi	e are valid fi	or a tempe	erature of {	30°C, higher	- temperature	es require low	ver values.	

Ordering example

Profile  $d \times D \times L$  [mm] Sealing material / Energizer

X-Slide S09-D 100 x 115,1 x 6,3 X-ECOPUR / NBR70



## S09-D X-Slide

Material	Energizer	Tempe	rature	Speed <sup>1)</sup>	Pressure <sup>2)</sup>
Glide ring		from	to	max	max
		°C		m/s	bar (MPa)
X-ECOPUR XH-ECOPUR XS-ECOPUR G-ECOPUR 54D	NBR70	-30	+100		600 (6 <i>0</i> )
	MVQ70	-55	+110	5	000 (00)
SKF Ecowear 1000	NBR70	-30	+90		400 (40)
JN Lcowed 1000	MVQ70	-55	1 70		400 (40)

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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