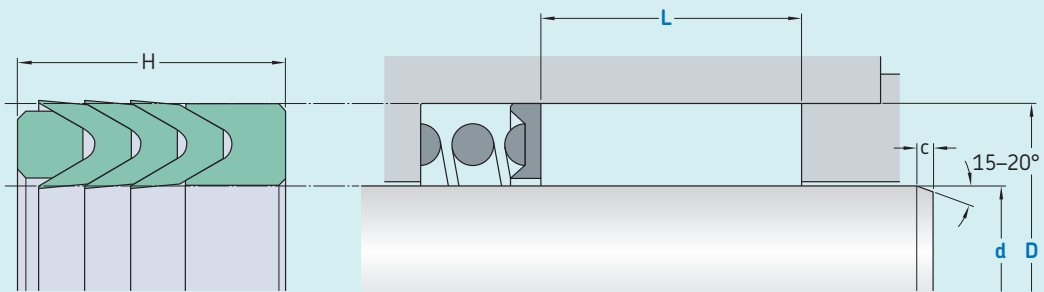


# S2931-F



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
	$\mu m$	
<b>Sliding surface</b>	$\leq 2$	0,05–0,2
<b>Bottom of groove</b>	$\leq 6,3$	$\leq 1,6$
<b>Groove face</b>	$\leq 15$	$\leq 3$

Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

Standard dimensions				Installation height		
d	f8	D	c	L*		
	over	incl.	H8	3 chevrons	4 chevrons	5 chevrons
				up to 50 bar	up to 100 bar	up to 315 bar
mm				mm		
<b>10</b>	<b>15</b>	d + 8	3,5	14	17,0	20
<b>15</b>	<b>40</b>	d + 10	4,0	16	19,0	22
<b>40</b>	<b>50</b>	d + 12	4,5	19	23,0	27
<b>50</b>	<b>75</b>	d + 15	5,0	22	26,5	32
<b>75</b>	<b>150</b>	d + 20	6,0	32	38,0	44
<b>150</b>	<b>200</b>	d + 25	8,5	35	42,0	50
<b>200</b>	<b>300</b>	d + 30	10,0	39	47,0	56
<b>300</b>	<b>600</b>	d + 40	13,0	50	62,0	74

\* The recommended chevron height depends on the pressure area and is valid for SKF Ecoflon 1. Installation height L = chevron set height H. Standard: 3 chevrons

## Ordering example

Profile  
 d x D x L [mm] / Numbers of chevrons  
 Support ring / Chevron / Pressure ring

**Rod Seal S2931-F**  
**100 x 130 x 35 / 2**  
**SKF Ecoflon 2 / SKF Ecoflon 1 / SKF Ecoflon 2**

## Operating parameters

Material Support ring S29-F	Chevron S30-F	Pressure ring S31-F	Temperature		Speed <sup>1)</sup>	Pressure
			from	to	max	max
			°C		m/s	bar (MPa)
■ SKF Ecoflon 2	■ SKF Ecoflon 1	■ SKF Ecoflon 2	-200	+260	1,5	315 (31,5)

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

<sup>1)</sup> Surface speed limit values are valid only in the presence of a lubrication film.