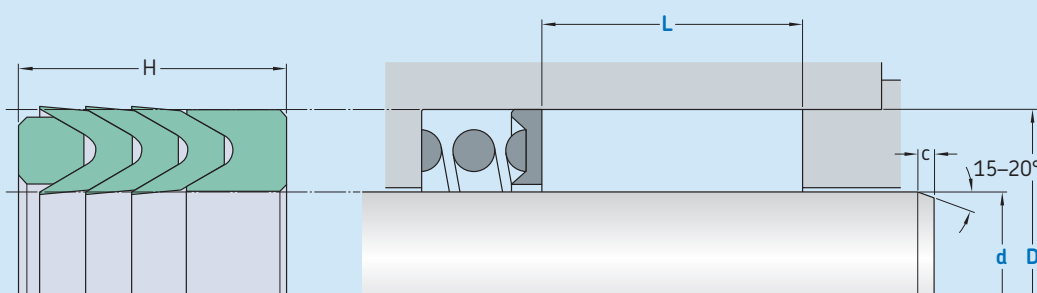


S2931-F



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2 \mu m$	$0,05-0,3 \mu m$
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			Installation height			
d	f8	D	c	L*		
over	incl.	H8		3 chevrons up to 50 bar	4 chevrons up to 100 bar	5 chevrons up to 315 bar
mm				mm		
10	15	d + 8	3,5	14	17	20
15	40	d + 10	4,0	16	19	22
40	50	d + 12	4,5	19	23	27
50	75	d + 15	5	22	26,5	32
75	150	d + 20	6	32	38	44
150	200	d + 25	8,5	35	42	50
200	300	d + 30	10	39	47	56
300	600	d + 40	13	50	62	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]
Pressure ring / Chevron / Backup ring

Rod Seal S2931-F
100 x 120 x 10
SKF Ecoflon 2 / SKF Ecoflon 1 / SKF Ecoflon 2



Operating parameters

Material			Temperature		Speed ¹⁾	Pressure
Pressure ring S29-F	Chevron S30-F	Backup ring S31-F	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.

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

