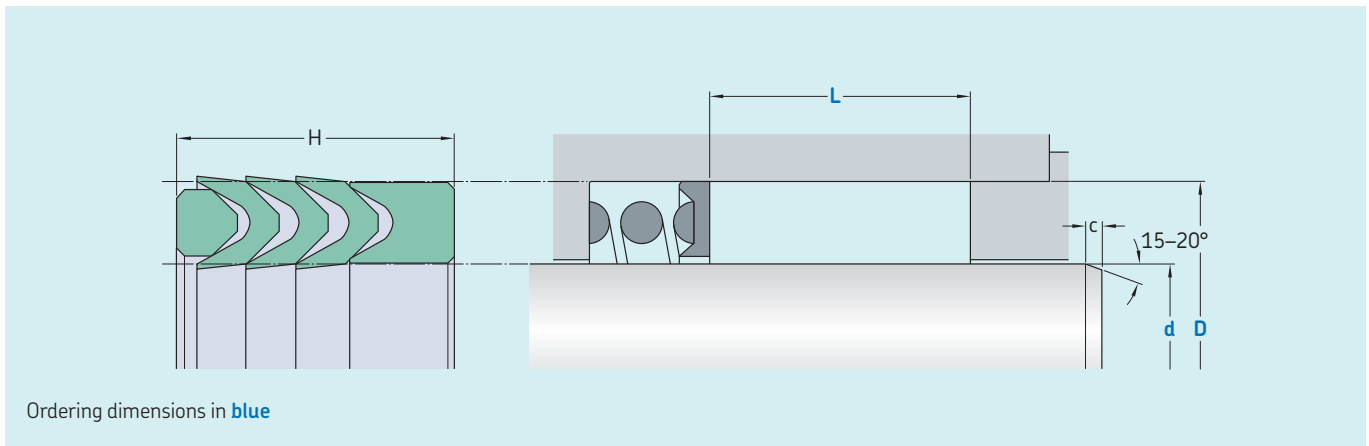


S2527-F



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	μm	
Sliding surface	≤ 2	0,05–0,2
Bottom of groove	$\leq 6,3$	$\leq 1,6$
Groove face	≤ 15	≤ 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*	2 chevrons	3 chevrons	4 chevrons
	over	H8			up to 16 bar	up to 50 bar	up to 100 bar
				mm			
10	16	d + 8	3,5	12	15	18	
16	40	d + 10	4,0	14	19	23	
40	50	d + 12	4,5	16	22	26	
50	75	d + 15	5,0	19	27	33	
75	150	d + 20	6,0	25	35	42	
150	200	d + 25	8,5	32	44	53	
200	300	d + 30	10,0	39	54	64	
300		d + 40	13,0	45	64	76	

* 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 S2527-F
100 x 125 x 35 / 2
SKF Ecoflon 2 / SKF Ecoflon 1 / SKF Ecoflon 2

Operating parameters

Material Support ring S25-F	Chevron S26-F	Pressure ring S27-F	Temperature		Speed ¹⁾	Pressure
			from	to	max	max
			°C		m/s	bar (MPa)
■ SKF Ecoflon 2	■ SKF Ecoflon 1	■ SKF Ecoflon 2	-200	+260	1,5	100 (10)

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.

