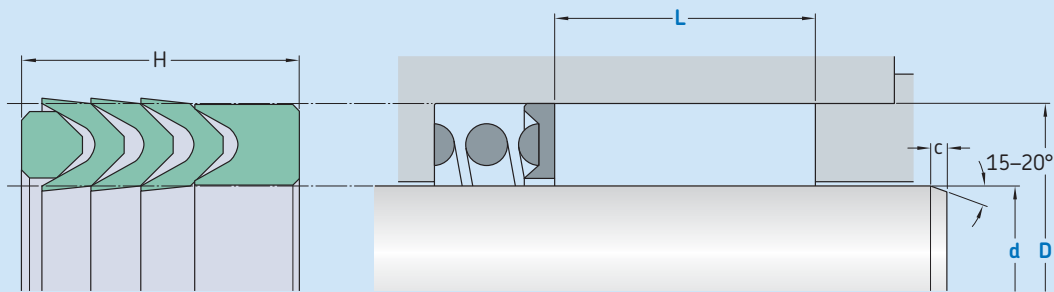


# S2527-F



Ordering dimensions in **blue**

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

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*	3 chevrons	4 chevrons
over	incl.	H8		2 chevrons	up to 50 bar	up to 100 bar
mm			mm			
<b>10</b>	<b>16</b>	d + 8	3,5	12	15	18
<b>16</b>	<b>40</b>	d + 10	4,0	14	19	23
<b>40</b>	<b>50</b>	d + 12	4,5	16	22	26
<b>50</b>	<b>75</b>	d + 15	5	19	27	33
<b>75</b>	<b>150</b>	d + 20	6	25	35	42
<b>150</b>	<b>200</b>	d + 25	8,5	32	44	53
<b>200</b>	<b>300</b>	d + 30	10	39	54	64
<b>300</b>		d + 40	13	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] / No. of chevrons  
Pressure ring / Chevron / Support ring

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

## Operating parameters

Material			Temperature		Speed <sup>1)</sup>	Pressure
Pressure ring S25-F	Chevron S26-F	Support ring S27-F	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.

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