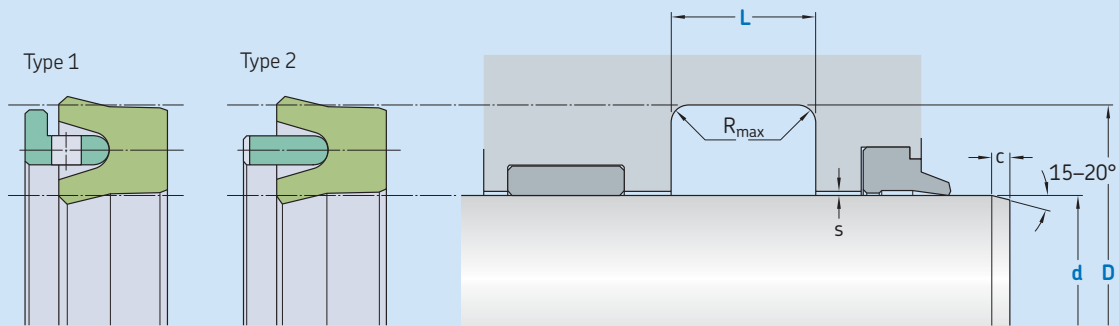


# S22-P



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
<b>Sliding surface</b>	$\leq 2,5 \mu m$	$0,05-0,3 \mu m$
<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						Maximal radial extrusion gap			
d	D	L	$R_{max}$	c	$s^*$	20 bar	100 bar	200 bar	400 bar
f8	H10	+ 0,2							
over	incl.								
mm						mm			
<b>6</b>	<b>25</b>	d + 8	6,3	0,4	3,5	0,33	0,17	0,11	0,05
<b>25</b>	<b>50</b>	d + 10	8,0	0,4	4,0	0,37	0,22	0,16	0,10
<b>50</b>	<b>150</b>	d + 15	10,0	0,4	5,0	0,46	0,31	0,25	0,19
<b>150</b>	<b>300</b>	d + 20	14,0	0,4	6,0	0,54	0,39	0,32	0,26
<b>300</b>	<b>500</b>	d + 25	17,0	0,4	8,5	0,61	0,46	0,39	0,33
<b>500</b>	<b>600</b>	d + 30	25,0	0,4	10,0	0,67	0,52	0,45	0,39

\* Extrusion gap values shown above are valid for a temperature of 70 °C, higher temperatures require lower values.  
Standard: type 2

## Ordering example

Profile  
d x D x L [mm]  
Sealing material / Support ring

Rod Seal S22-P Type 1  
100 x 115 x 10  
ECOPUR / SKF Ecotal

## Operating parameters

Material Seal	Support ring	Temperature		Speed <sup>1)</sup>	Pressure <sup>2)</sup>
		from	to	max	max
		°C		m/s	bar (MPa)
■ ECOPUR	■ SKF Ecotal <sup>3)</sup> ■ SKF Ecomid <sup>3)</sup>	-30		0,5	400 (40)
■ ECOPUR LD	■ SKF Ecomid	-35	+100		
■ G-ECOPUR		-30			
■ H-ECOPUR		-20			
■ S-ECOPUR	■ SKF Ecotal <sup>3)</sup> ■ SKF Ecomid <sup>3)</sup>	-20		0,7	
■ T-ECOPUR		-40		0,5	

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.

<sup>2)</sup> Pressure ratings depend on the size of the extrusion gap.

<sup>3)</sup> D ≤ 260 mm → SKF Ecotal, D > 260 mm → SKF Ecomid.