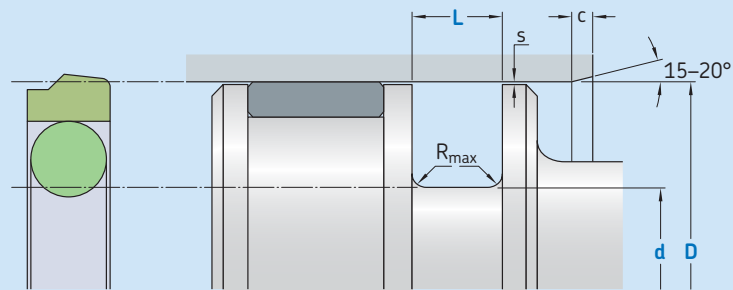


# K08-E

X-Slide



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
<b>Sliding surface</b>	$\leq 2,5 \mu m$	$0,05-0,2 \mu m$
<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							Maximal radial extrusion gap			
D	d	L	R	c	OD	$s^*$				
H9	h10	+0,2				100 bar	200 bar	400 bar	600 bar	
over	incl.					mm				
mm						mm				
<b>10</b>	<b>15</b>	D-4,9	2,2	0,4	2,5	1,78	0,30	0,30	0,20	0,10
<b>15</b>	<b>40</b>	D-7,5	3,2	0,6	3,5	2,62	0,40	0,30	0,20	0,10
<b>40</b>	<b>80</b>	D-11	4,2	1,0	4,5	3,53	0,50	0,40	0,30	0,20
<b>80</b>	<b>133</b>	D-15,5	6,3	1,3	5,0	5,33	0,50	0,40	0,30	0,20
<b>133</b>	<b>330</b>	D-21	8,1	1,8	6,0	7,00	0,70	0,50	0,40	0,20
<b>330</b>	<b>670</b>	D-24,5	8,1	1,8	8,0	7,00	0,70	0,50	0,40	0,20
<b>670</b>	<b>1 000</b>	D-28	9,5	2,5	10,0	8,40	0,80	0,70	0,50	0,30
<b>1 000</b>	<b>3 000</b>	D-38	13,8	3,0	12,0	12,00	1,10	0,80	0,70	0,40

\* The extrusion gap referred to is valid up to 80 °C and valid for the side opposite to the pressure side; higher temperatures require lower values.

## Ordering example

Profile  
D x d x L [mm]  
Sealing material / Energizer

X-Slide K08-E  
**100 x 84,9 x 6,3**  
X-ECOPUR / NBR70

Operating parameters

Material Seal	Energizer	Temperature		Speed <sup>1)</sup>	Pressure <sup>2)</sup>
		from	to	max	max
		°C		m/s	bar (MPa)
<ul style="list-style-type: none"> <li><span style="color: red;">■</span> G-ECOPUR 54D</li> <li><span style="color: green;">■</span> X-ECOPUR</li> <li><span style="color: darkred;">■</span> X-ECOPUR H</li> <li><span style="color: darkgrey;">■</span> X-ECOPUR S</li> </ul>	MVQ70	-55	+110	5	600 (60)
	NBR70	-30	+100		
<ul style="list-style-type: none"> <li><span style="color: yellow;">■</span> SKF Ecowear 1000</li> </ul>	MVQ70	-55	+90		400 (40)
	NBR70	-30			

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.