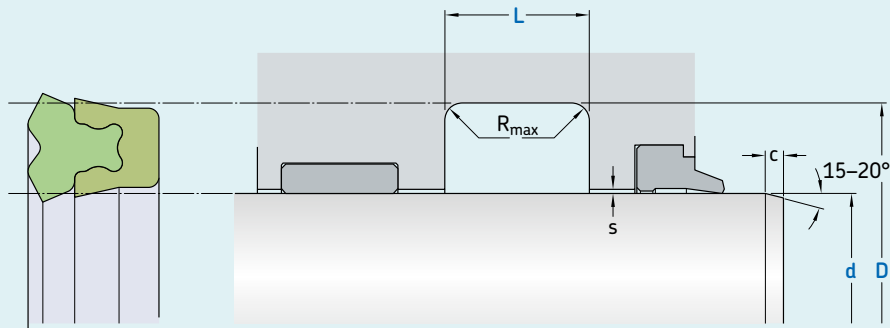


# DZ-P



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
	$\mu m$	
<b>Sliding surface</b>	$\leq 2.5$	0.05–0.3
<b>Bottom of groove</b>	$\leq 6.3$	$\leq 1.6$
<b>Groove face</b>	$\leq 15$	$\leq 3$

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	$s^1)$	20 bar	100 bar	200 bar	400 bar
f8	H10	+ 0.2							
over	incl.								
mm						mm			
<b>5</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

<sup>1)</sup> Extrusion gap values shown above are valid for a temperature of 70 °C, higher temperatures require lower values.

## Ordering example

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

**Rod seal DZ-P**  
**80 x 100 x 20**  
**ECOPUR / SKF Ecorubber-1**

**Operating parameters**

Material Primary element	Secondary element <sup>1)</sup>	Temperature		Speed <sup>2)</sup>	Pressure <sup>3)</sup>
		from	to	max	max
		°C		m/s	bar (MPa)
■ ECOPUR	SKF Ecorubber-1	-30	+100	0.5	400 (40)
■ H-ECOPUR	SKF Ecorubber-1	-20	+100	0.5	400 (40)
■ S-ECOPUR	SKF Ecorubber-1	-20	+100	0.5	400 (40)
■ X-ECOPUR	SKF Ecorubber-1	-30	+100	0.5	400 (40)
■ X-ECOPUR H	SKF Ecorubber-1	-20	+100	0.5	400 (40)
■ X-ECOPUR S	SKF Ecorubber-1	-20	+100	0.5	400 (40)

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

<sup>1)</sup> Lower temperature material grades are available on request.

<sup>2)</sup> Surface speed limit values are valid only in the presence of a lubrication film.

<sup>3)</sup> Pressure ratings depend on the size of the extrusion gap.

