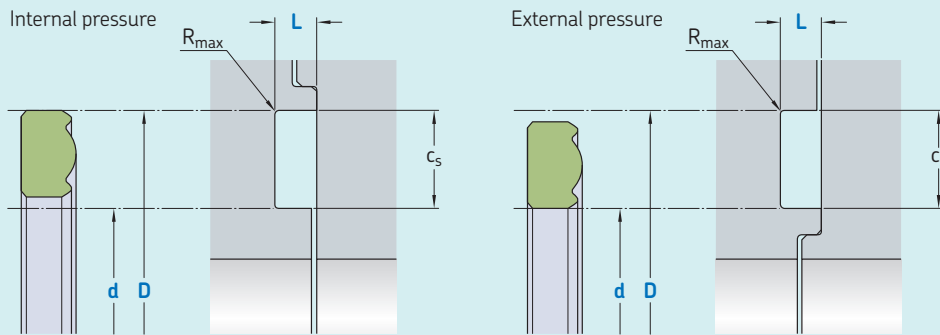


# R20-P



Ordering dimensions in **blue**

Pressure Surface roughness	Constant		Pulsating	
	$R_{tmax}$	$R_a$	$R_{tmax}$	$R_a$
	µm		µm	
<b>Sliding surface</b>	12,5	3,2	6,3	1,6
<b>Bottom of groove</b>	12,5	3,2	6,3	1,6
<b>Groove face</b>	12,5	3,2	6,3	1,6

Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

Standard dimensions					
d	D	$c_s$	L	$R_{max}$	
h11	H11		+ 0,2		
over	incl.				
mm					
<b>5</b>	<b>75</b>	d + 15	7,5	2,5	0,4
<b>75</b>	<b>100</b>	d + 16	8,0	4,0	0,4
<b>100</b>	<b>150</b>	d + 20	10,0	5,0	0,4
<b>150</b>	<b>200</b>	d + 25	12,5	6,0	0,4
<b>200</b>	<b>350</b>	d + 30	15,0	7,5	0,4
<b>350</b>	<b>600</b>	d + 40	20,0	10,0	0,4

Standard definition for this profile is inner pressure.  
d h11 = D H11

## Ordering example

Profile  
d x D x L [mm] / Pressure side  
Sealing material

**Rotary seal R20-P**  
**100 x 125 x 7,7 / Internal pressure**  
**ECOPUR**

## R20-P

### Operating parameters

Material Seal	Temperature		Speed	Pressure
	from	to	max	max
		°C	m/s	bar (MPa)
■ ECOPUR	-30	+110		800 (80)
■ ECOPUR LD	-35	+110		800 (80)
■ G-ECOPUR	-30	+110	only recommended for static application	800 (80)
■ H-ECOPUR	-20	+110		800 (80)
■ S-ECOPUR	-20	+110		800 (80)
■ T-ECOPUR	-50	+110		800 (80)

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously. Standard of this profile is inner pressure.