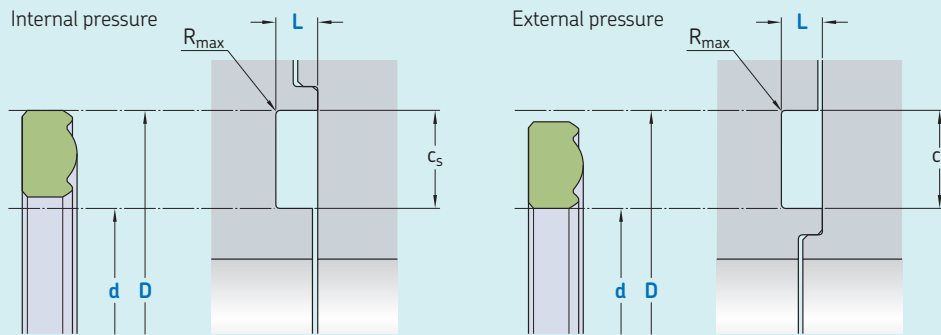


R20-P



Ordering dimensions in **blue**

Pressure Surface roughness	Constant		Pulsating	
	R_{tmax}	R_a	R_{tmax}	R_a
	μm		μm	
Sliding surface	12,5	3,2	6,3	1,6
Bottom of groove	12,5	3,2	6,3	1,6
Groove face	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					
5	75	d + 15	7,5	2,5	0,4
75	100	d + 16	8,0	4,0	0,4
100	150	d + 20	10,0	5,0	0,4
150	200	d + 25	12,5	6,0	0,4
200	350	d + 30	15,0	7,5	0,4
350	600	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.