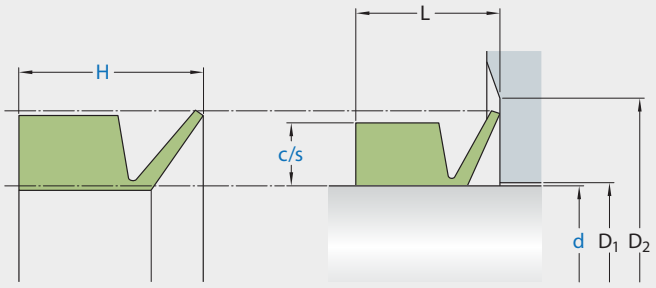
R06-P

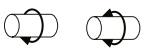


Ordering dimensions in blue

Surface roughness	R_{tmax}	R_a
Sliding surface	≤ 2,5 µm	0,1–0,5 µm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm

Bearing area: 50–95% and a cutting depth of0,5 R_z based on C_{ref} = 0%

application



not bolded symbols; please consult our technical for application limitations

Standard dimensions

d h11 over	incl.	D_1 max	D_2 min	c/s	H	L
mm						
5	40	d + 2,0	d + 12	4	7,5	6
40	70	d + 2,5	d + 15	5	9	7
70	100	d + 3,0	d + 18	6	10,85	9
100	150	d + 3,5	d + 21	7	12,7	10,5
150	210	d + 4,0	d + 24	8	14,6	12
210	300	d + 5,0	d + 30	10	17,56	14,5
300	450	d + 6,25	d + 36,5	12,5	21,26	17,5
450		d + 7,5	d + 45	15	25	20

operating parameters & material

diameter range: up to 600 mm

material	temperature	max. surface speed	max. pressure [1]
ECOPUR	-30 °C ... +110 °C	25 m/s	-
H-ECOPUR	-20 °C ... +110 °C	25 m/s	-
S-ECOPUR	-20 °C ... +110 °C	25 m/s	-
T-ECOPUR	-50 °C ... +110 °C	25 m/s	-
G-ECOPUR	-30 °C ... +110 °C	25 m/s	-

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.

[1] pressure ratings are dependent on the size of the extrusion gap.

surface quality

surface roughness	Rtmax (µm)	Ra (µm)
surface roughness	≤12	≤2,5

tolerance recommendation

seal housing tolerances	
Ød	h11