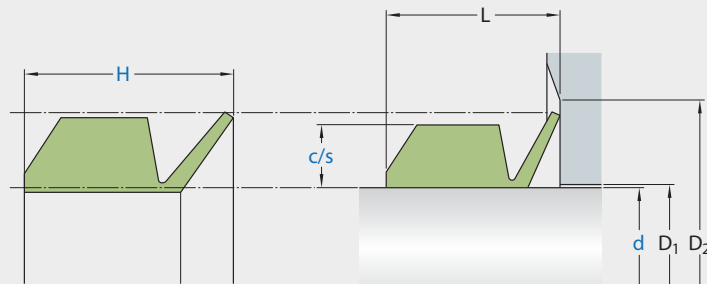


## R07-P



Ordering dimensions in blue

Surface roughness	$R_{tmax}$	$R_a$
Sliding surface	$\leq 2,5 \mu m$	$0,1-0,5 \mu m$
Bottom of groove	$\leq 6,3 \mu m$	$\leq 1,6 \mu m$
Groove face	$\leq 15 \mu m$	$\leq 3 \mu m$

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

Standard dimensions		$D_1$	$D_2$	c/s	H	L
d	h11	max	min			
over	incl.					
mm						
5	40	$d + 2,0$	$d + 12$	4	9,76	8,5
40	70	$d + 2,5$	$d + 15$	5	11,82	10
70	100	$d + 3,0$	$d + 18$	6	14,23	12,5
100	150	$d + 3,5$	$d + 21$	7	16,65	14,5
150	210	$d + 4,0$	$d + 24$	8	19,11	16,5
210	300	$d + 5,0$	$d + 30$	10	23,20	20,5
300	450	$d + 6,25$	$d + 36,5$	12,5	28,31	24,5
450		$d + 7,5$	$d + 45$	15	33,42	28,5

### application



not bolded symbols; please consult our technical for application limitations

**operating parameters & material***diameter range: up to 600 mm*

material	temperature	max. surface speed	max. pressure <sup>1</sup>
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.*

<sup>1</sup> 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