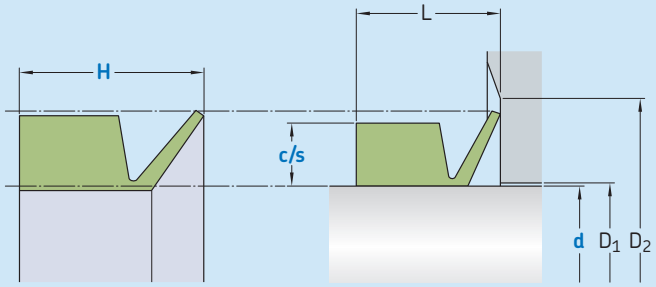
R06-P



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 of 0,5 R_z based on C_{ref} = 0%

Standard dimensions

d h11 over	d h11 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

Ordering example

Profile	**Rotary seal R06-P**
d x c/s x H [mm]	**100 x 7 x 12,7**
Sealing material	**ECOPUR**

Operating parameters

Material Seal	Temperature		Speed[1) 2)]	Pressure
	from	to	max	max
–	°C		m/s	bar (*MPa*)
ECOPUR	–30	+110	25	–
H-ECOPUR	–20			
S-ECOPUR				
T-ECOPUR	–50			
G-ECOPUR	–30			

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.
1) Surface speed limit values are valid only in the presence of a lubrication film.
2) For speeds above 10 m/s, axial support is recommended.

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