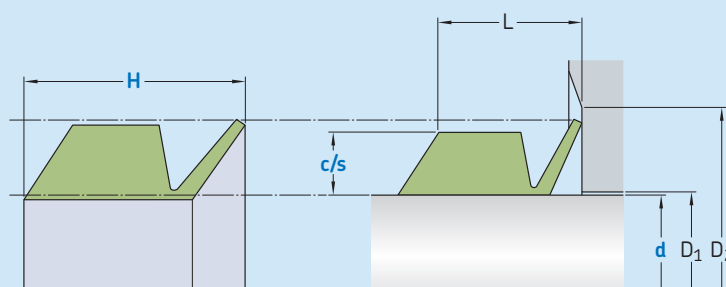


R07-P



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	h11	D_1	D_2	c/s	H	L
over	incl.	max	min			
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

Ordering example

Profile
d x c/s x H [mm]
Sealing material

Rotary seal R07-P
100 x 7 x 16,65
ECOPUR



Operating parameters

Material Seal	Temperature		Speed ^{1) 2)}	Pressure
	from	to	max	max
–	°C		m/s	bar (MPa)
■ ECOPUR	–30			
■ H-ECOPUR	–20			
■ S-ECOPUR	–20	+110	25	–
■ 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.

