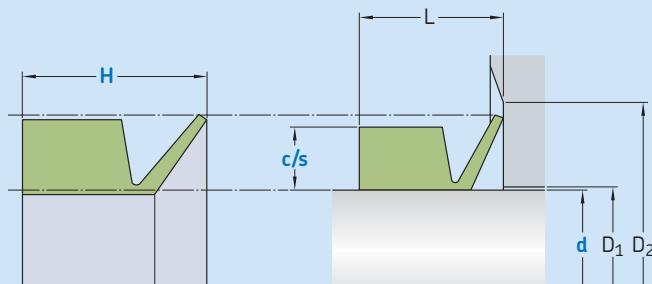


ROTARY SEAL SEAL HOUSING

R06-P



Ordering dimensions in blue

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

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

Standard dimensions		d	h_{11}	D_1	D_2	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

$d \times c/s \times H$ [mm]

Sealing material

Rotary seal R06-P

100 x 7 x 12,7

ECOPUR

Operating parameters

Material Seal	Temperature	Speed^{1) 2)}	Pressure
	from to	max	max
-	°C	m/s	bar (MPa)
■ ECOPUR	-30		
■ ECOPUR LD	-35		
■ G-ECOPUR	-30		
■ H-ECOPUR	-30	+110	25
■ S-ECOPUR	-20		-
■ T-ECOPUR	-50		

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.