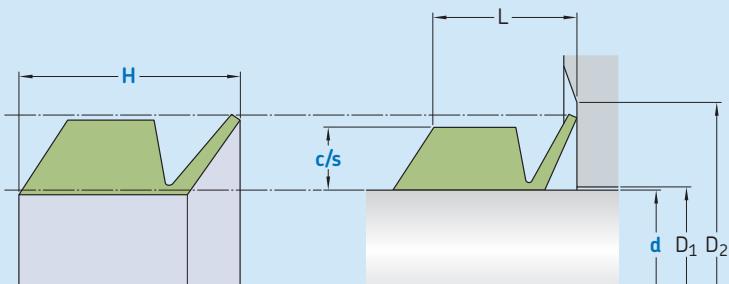


R07-P



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	D_1	D_2	c/s	H	L
d	h_{11} over incl.	mm	mm	mm	mm	mm	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

$d \times c/s \times H$ [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		+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.

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PUB SE/P8 11876 EN · March 2012

