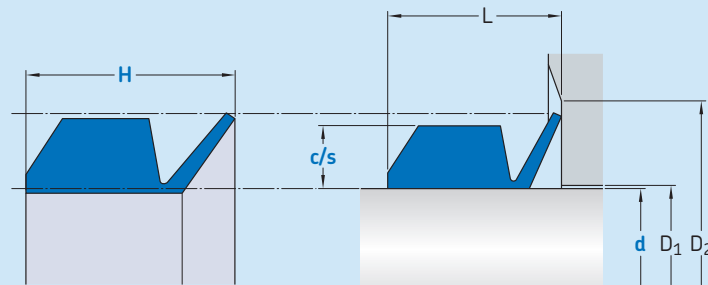


# DR07-P



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	200	d + 4,0	d + 24	8	19,11	16,5

## Ordering example

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

Rotary seal DR07-P  
100 x 7 x 16,65  
ECOPUR DD

## Operating parameters

Material Seal	Temperature		Speed <sup>1) 2)</sup>	Pressure
	from	to	max	max
–	°C		m/s	bar (MPa)
■ ECOPUR DD	–30	+100	25	–

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

<sup>1)</sup> Surface speed limit values are valid only in the presence of a lubrication film.

<sup>2)</sup> For speeds above 10 m/s, axial support is recommended.