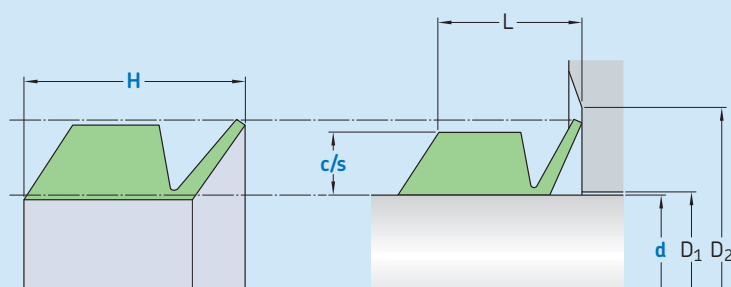


# R07-R



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
<b>Sliding surface</b>	$\leq 2,5 \mu m$	$0,1-0,5 \mu m$
<b>Bottom of groove</b>	$\leq 6,3 \mu m$	$\leq 1,6 \mu m$
<b>Groove face</b>	$\leq 15 \mu m$	$\leq 3 \mu m$

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

## Standard dimensions

d	$h_{11}$	$D_1$	$D_2$	c/s	H	L
over	incl.	max	min			
mm						
<b>5</b>	<b>40</b>	$d + 2,0$	$d + 12$	4	9,76	8,5
<b>40</b>	<b>70</b>	$d + 2,5$	$d + 15$	5	11,82	10
<b>70</b>	<b>100</b>	$d + 3,0$	$d + 18$	6	14,23	12,5
<b>100</b>	<b>150</b>	$d + 3,5$	$d + 21$	7	16,65	14,5
<b>150</b>	<b>210</b>	$d + 4,0$	$d + 24$	8	19,11	16,5
<b>210</b>	<b>300</b>	$d + 5,0$	$d + 30$	10	23,20	20,5
<b>300</b>	<b>450</b>	$d + 6,25$	$d + 36,5$	12,5	28,31	24,5
<b>450</b>		$d + 7,5$	$d + 45$	15	33,42	28,5

## Ordering example

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

Rotary seal R07-R  
100 x 7 x 16,65  
SKF Ecorubber-1



## Operating parameters

Material Seal	Temperature		Speed <sup>1) 2)</sup>	Pressure
	from	to	max	max
–	°C		m/s	bar (MPa)
■ SKF Ecorubber-1	–30	+100	25	–
■ SKF Ecorubber-2	–20	+200		
■ SKF Ecorubber-3	–50	+150		
■ SKF Ecorubber-H	–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.

