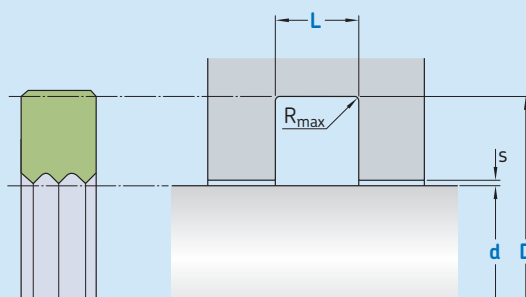


R04-A



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	$\leq 15 \mu m$	$\leq 3 \mu m$

Hardness: Min 45 HRC (55 HRC recommended), hardened depth > 0,3 mm.
Bearing area: 50–95% and a cutting depth of 0,5 R_z based on $C_{ref} = 0\%$

Standard dimensions

d^*		D H9	L + 0,2	R_{max}	s
over	incl.				
mm					
5	22	d + 8	4,5	0,2	e8/H9
22	36	d + 10	5,6	0,2	e8/H9
36	56	d + 12	5,6	0,2	e8/H9
56	85	d + 15	7,7	0,2	f7/H7
85	140	d + 20	9,2	0,2	f7/H7
140	200	d + 25	11,3	0,2	f7/H7
200	300	d + 30	13,5	0,2	f7/H7
300		d + 40	18,5	0,2	f7/H7

* Tolerance area shaft ≤ 56 mm \rightarrow e8, > 56 mm \rightarrow f7

Ordering example

Profile
d x D x L [mm]
Sealing material

Rotary seal R04-A
100 x 120 x 13
ECOPUR



Operating parameters

Material Seal	Temperature		Speed ¹⁾	Pressure ²⁾
	from	to	max	max
–	°C		m/s	bar (MPa)
■ ECOPUR	–30		0,2	160 (16)
■ H-ECOPUR	–20	+110		
■ S-ECOPUR	–50		0,3	
■ T-ECOPUR	–30	+100	0,2	100 (10)
■ SKF Ecorubber-1	–20	+200		
■ SKF Ecorubber-2	–50	+150		
■ SKF Ecorubber-3	–25	+150		
■ SKF Ecorubber-H	–10	+200		
■ SKF Ecoflas				

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⁾ Pressure ratings depend on the size of the extrusion gap.