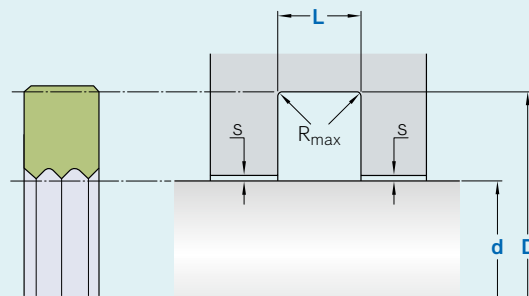


R04-A



Ordering dimensions in **blue**

Surface roughness R_{tmax}	R_a
μm	
Sliding surface	$\leq 2,5$ $0,1-0,5$
Bottom of groove	$\leq 6,3$ $\leq 1,6$
Groove face	≤ 15 ≤ 3

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	L	R_{max}	s
over	incl.	H9	+ 0,2		
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 † e8, > 56 mm † 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	+110	0,2	160 (16)
■ H-ECOPUR	-20	+110	0,2	160 (16)
■ S-ECOPUR	-20	+110	0,2	160 (16)
■ T-ECOPUR	-50	+110	0,2	160 (16)
■ SKF Ecorubber-1	-30	+100	0,2	100 (10)
■ SKF Ecorubber-H	-25	+150	0,2	100 (10)
■ SKF Ecorubber-2	-20	+200	0,2	100 (10)
■ SKF Ecorubber-3	-50	+150	0,2	100 (10)
■ SKF Ecoflas	-10	+200	0,2	100 (10)

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.

