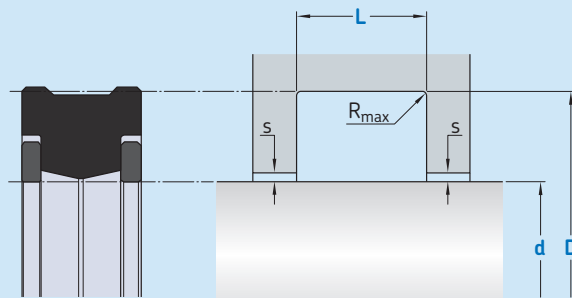


DR03-R



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 ¹⁾		D	L	R_{max}	s
over	incl.	H9	+0,2		
mm					
22	36	d + 10	8	0,2	e8/H9
36	56	d + 12	8	0,2	e8/H9
56	85	d + 15	11	0,2	f7/H7
85	140	d + 20	13	0,2	f7/H7
140	200	d + 25	16	0,2	f7/H7

¹⁾ Tolerance area shaft ≤ 56 mm \rightarrow e8, > 56 mm \rightarrow f7

Ordering example

Profile
d x D x L [mm]
Sealing material / Backup ring

Rotary seal DR03-R
100 x 120 x 13
SKF Econbr / SKF Ecotal

Operating parameters

Material Seal	Back-up ring	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
–		°C		m/s	bar (MPa)
■ SKF Econbr	■ SKF Ecotal	–30	+100	0,2	250 (25)
■ SKF Ecofkm	■ SKF Eceptfe	–20	+200	0,2	250 (25)

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.