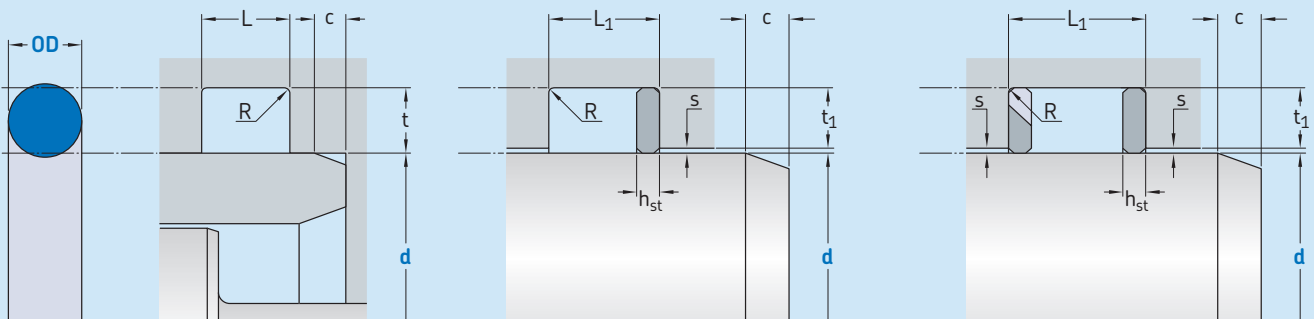


DR13



Ordering dimensions in **blue**

Pressure	Constant		Pulsating	
	R_{tmax}	R_a	R_{tmax}	R_a
Surface roughness	μm		μm	
Sliding surface¹⁾	6,3	1,6	3,2	0,8
Bottom of groove²⁾	12,5	3,2	6,3	1,6
Groove face	12,5	3,2	12,5	3,2

¹⁾ R_{tmax} / R_a for dynamic application: 1,6 $\mu\text{m} / 0,4 \mu\text{m}$
²⁾ R_{tmax} / R_a for dynamic application: 6,3 $\mu\text{m} / 1,6 \mu\text{m}$
 Bearing area: 50–95% and a cutting depth of 0,5 R_z based on $C_{ref} = 0\%$

Standard dimensions

OD	t	L	t_1	L_1	L_2	R	h_{st}	c	s
AS 568A ¹⁾	ISO 3601 ²⁾								
mm									
1,78	1,8	1,35	2,5	1,58	3,5	4,5	0,3	1	3
2,62	2,65	2,18	3,5	2,42	5,0	6,5	0,3	1,5	3,5
3,53	3,55	3	4,4	3,70	5,9	7,4	0,5	1,5	4
5,33	5,3	4,5	6,7	5,60	8,4	10,1	0,6	1,7	5
6,99	7	5,94	8,8	7,37	10,8	12,8	0,8	2	6
10	10	8,5	12,5	10,5	15,0	17,5	1	2,5	10
12	12	10,2	15,5	12,85	18,5	21,5	1	3	12
15	15	12,75	19	15,88	22	25	1	3	15

¹⁾ American standard
²⁾ DIN 3771

Ordering example

Profile
 d x OD [mm]
 Sealing material

Rotary seal DR13
 100 x 3,53
 ECOPUR DD

Operating parameters

Material Seal	Temperature		Speed ¹⁾	Pressure ²⁾
	from	to	max	max
–	°C		m/s	bar (MPa)
■ ECOPUR DD	–30	+100	only recommended for static application	600 (60)
■ SKF Econbr	–30	+100		160 (16)
■ SKF Ecofkm	–20	+200		160 (16)
■ SKF Ecoptfe	–200	+260		160 (16)

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⁾ We recommend the use of backup rings for ECOPUR DD above 400 bar and for SKF Econbr above 100 bar.