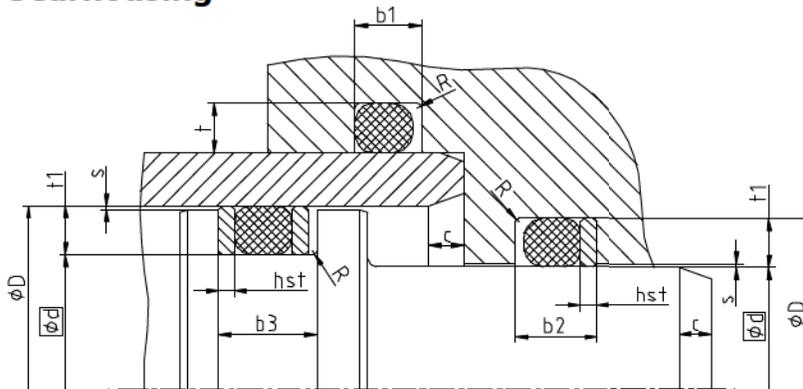


Seal housing



pressure	constant		pulsating	
Surface roughness	Rtmax	Ra	Rtmax	Ra
Sliding Surface ¹	12,5 µm	3,2 µm	6,3 µm	1,6 µm
Bottom of groove ²				
Groove face				

Ordering dimensions... □

Bearing area: 50...95% and a cutting depth of 0,5xRz based on Cref = 0%

¹ Rtmax / Ra for dynamic application: 1,6 µm / 0,4 µm

² Rtmax / Ra for dynamic application: 6,3 µm / 1,6 µm

Standard dimensions

OD (AS 568A ¹)	OD (ISO 3601 ²)	t	b1	t1	b2	b3	R	h _{ST}	c	s
1,78	1,8	1,35	2,5	1,58	3,5	4,5	0,3	1	3	f7 / H8
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

Operating parameters

Sealing material	Temperature	max. speed	max. pressure ¹
ECOPUR®	-30 °C...+110 °C	only recommended for static application	600 bar (60 MPa)
H-ECOPUR™	-20 °C...+110 °C		
S-ECOPUR™	-20 °C...+110 °C		
T-ECOPUR™	-50 °C...+110 °C		
G-ECOPUR™	-30 °C...+110 °C		
SKF ECORUBBER-1	-30 °C...+100 °C		160 bar (16 MPa)
SKF ECORUBBER-2	-20 °C...+200 °C		
SKF ECORUBBER-3	-50 °C...+150 °C		
SKF ECORUBBER-H	-25 °C...+150 °C		
SKF ECOSIL	-60 °C...+200 °C		
SKF ECOFLON 1	-200 °C...+260 °C	160 bar (16 MPa)	

The stated operation conditions represent general indications. It is recommended not to use all maximum values simultaneously. Surface speed limits apply only to the presence of adequate lubrication film.

¹ We recommend the use of backup rings for ECOPUR above 400 bar and for SKF ECORUBBER above 100 bar.

Ordering example

R13, Inner diameter d=100mm, OD=3,53, ECOPUR®

Rotary Seal R13
Profile

100 x 3,53
d x OD

ECOPUR®
Sealing material