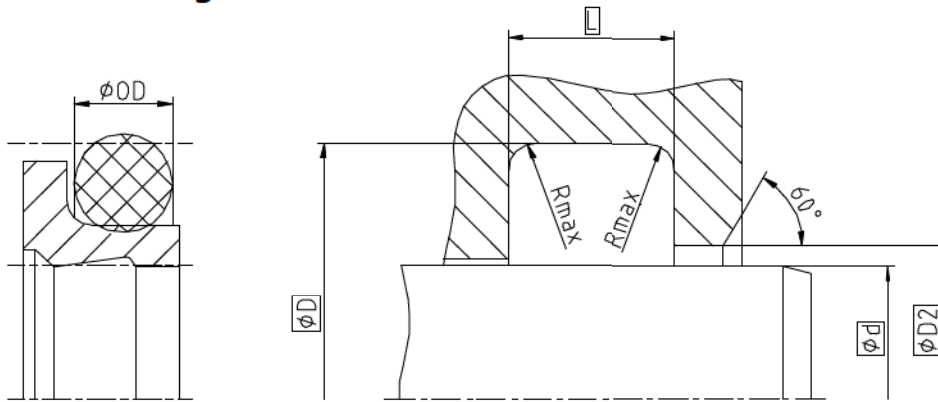


Seal housing



Surface roughness	PU		PTFE	
	Rtmax	Ra	Rtmax	Ra
Sliding Surface	≤ 2,5 µm	0,1...0,5 µm	≤ 2 µm	0,05...0,3 µm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm	≤ 15 µm	≤ 3 µm

Ordering dimensions... □

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

Standard dimensions

Ød f8			ØD H9	ØOD	L +0,2	Rmax	ØD1 H11
≥ 5	...	≤ 12	d + 4,8	1,78	3,7	0,4	d + 1,5
> 12	...	< 65	d + 6,8	2,62	5,0	0,7	d + 1,5
≥ 65	...	< 180	d + 8,8	3,53	6,0	1,0	d + 1,5
> 180	...	< 300	d + 12,2	5,33	8,4	1,5	d + 2,0
> 300	...	< 650	d + 16,0	7,00	11,0	1,5	d + 2,0
> 650	...	< 1000	d + 20,0	8,40	14,0	2,0	d + 2,5
> 1000	...	< 2500	d + 27,3	10,00	16,0	2,0	d + 2,5

Operating parameters

Glide ring	Energizer	Temperature	max. speed
X-ECOPUR™	NBR70	-30 °C...+100 °C	5 m/s
XH-ECOPUR™		-20 °C...+100 °C	
XS-ECOPUR™		-20 °C...+100 °C	
G-ECOPUR 54D™		-30 °C...+100 °C	
SKF ECOFLON 1 SKF ECOFLON 2 SKF ECOFLON 3 SKF ECOFLON 4	NBR70	-30 °C...+100 °C	10 m/s
	FPM75	-20 °C...+200 °C	
SKF ECOWEAR 1000	NBR70	-30 °C...+80 °C	
	MVQ70	-55 °C...+80 °C	

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. The pressure on the standard version is limited to 16 bar.

Ordering example

A27-F, d=70mm, D=78,8mm, L=6mm, SKF ECOFLON 3 / NBR70

Wiper A27-F
Profile

70 x 78,8 x 6
d x D x L

SKF ECOFLON 3 / NBR70
Sealing material / Energizer