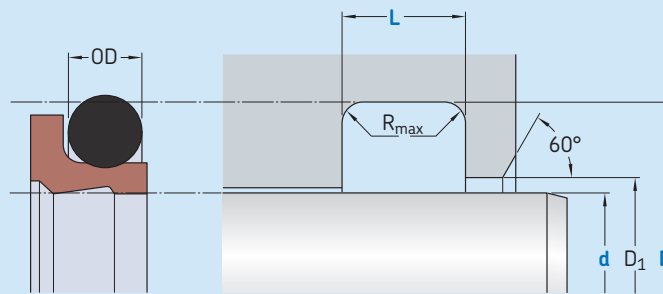


DA27-F



Ordering dimensions in **blue**

Surface roughness	TPU		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
	μm		μm	
Sliding surface	$\leq 2,5$	0,05–0,3	≤ 2	0,05–0,2
Bottom of groove	$\leq 6,3$	$\leq 1,6$	$\leq 6,3$	$\leq 1,6$
Groove face	≤ 15	≤ 3	≤ 15	≤ 3

Bearing area: 50–95% and a cutting depth of 0,5 R_z based on $C_{ref} = 0\%$

Standard dimensions

d		D	OD	L	R_{max}	D_1
f8		H9		+ 0,2		H11
over	incl.					
mm						
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	200	d + 12,2	5,33	8,4	1,5	d + 2,0

Ordering example

Profile
d x D x L [mm]
Sealing material / Energizer

Wiper DA27-F
70 x 78,8 x 6
SKF Ecoptfe / NBR70

Operating parameters

Material Glide ring	Energizer	Temperature		Speed ¹⁾
		from	to	max
–		°C		m/s
■ SKF Ecoatfe	NBR70	–30	+100	10
■ SKF Ecoatfe	FPM75	–20	+200	10

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

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

¹⁾ Surface speed limit values are valid only in the presence of a lubrication film.