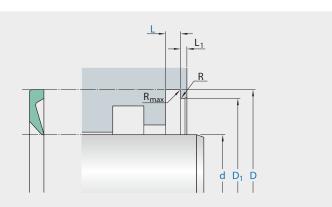


A13-A



Ordering dimensions in blue

Surface roughness	R_{tmax}	R _a
Sliding surface	\leq 2,5 μm	0,05-0,3 μm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	\leq 15 μm	\leq 3 μm
Bearing area: $50-95\%$ and a cutting depth of 0,5 R $_z$ based on $C_{ref} = 0\%$		

Standa d f8 over	rd dimensions	D H9	D ₁ + 0,1	L + 0,2	R _{max}
mm					
5 50 150	50 150 600	d+10 d+15 d+20	d + 9 d + 14 d + 18,5	2 2,5 3	0,4 0,4 0,4

application







not bolded symbols; please consult our technical for application limitations

operating parameters & material

diameter range: up to 600 mm

material	temperature	max. surface speed	hydrolysis	dry running	wear resistance
Ecotal	-50 °C +80 °C	1 m/s	++	+	+
Ecomid ²	-40 °C +80 °C	1 m/s	+	+	+
Fcopaek	-50 °C +260 °C	1 m/s	++	+	+

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.

++ ... particularly suitable o ... conditional suitable

+ ... suitable - ... not suitable

for detailed information regarding chemical resistance please refer to our "list of resistance".

surface quality

surface roughness	Rtmax (μm)	Ra (μm)
sliding surface	according to seal data	
bottom of groove	≤6,3	≤1,6
groove face	≤15	≤3

tolerance recommendation

seal housing tolerances		
L	0,2	
ØD1	±0,1	
ØD	H9	

mode of installation

the wiper can be snapped in. prerequisite is the correct design of the groove geometry. the diameter of the retaining step should be approx. 1 mm smaller than the outside diameter. a corresponding chamfer is required for fitting. usually, a thickness of 2 to 2.5mm should be sufficient. for a more sturdy design, retaining rings may be required.

² Ecotal up to ø260 mm, Ecomid above ø260 mm.