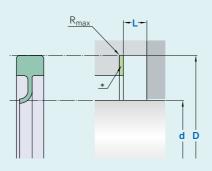


R11-F



Ordering dimensions in **blue** * Optional elastomer ring to improve static sealing and to avoid rotation of the seal

Surface roughness	R _a	
	μm	
Sliding surface	≤2	0,05-0,2
Bottom of groove	≤6,3	≤ 1,6
Groove face	≤15	≤ 3

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

Hardness: Min 45 HRC (55 HRC recommended), harde-ned depth > 0,3 mm.

Standa d f8 over	ard dimension	ns D H10	L _{min}	R _{max}
mm				
50 100 150	100 150	d + 20 d + 25 d + 30	4 -0,05 5 -0,05 6 -0,10	0,4 0,4 0,4

Ordering example

Profile d x D x L [mm] Sealing material

Rotary seal R11-F 100 x 120 x 4 SKF Ecoflon 4

R11-F

Operating parameters								
Material Seal	Temperature		Speed ¹⁾	Pressure				
Jeal	from to		max	max				
	°C		m/s	bar (<i>MPa)</i>				
SKF Ecoflon 2	-200 +20	60	20	5 (0,5)				
SKF Ecoflon 3	-200 +20	60	20	5 (0,5)				
SKF Ecoflon 4	-200 +20	60	20	5 <i>(0,5)</i>				

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.

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