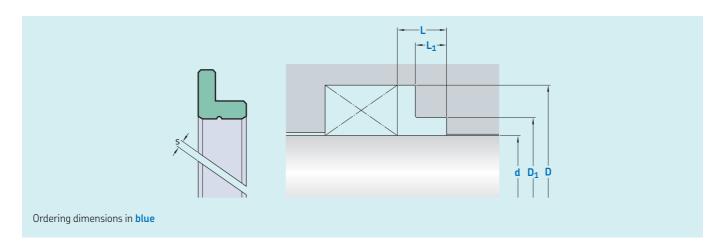


F04



Sealing material Surface roughness	TPU / Elas R _{tmax}	r tomers R _a	PTFE R _{tmax}	R _a			
	μт						
Sliding surface Bottom of groove Groove face	≤ 2,5 ≤ 6,3 ≤ 15	0,05–0,3 ≤ 1,6 ≤ 3	≤ 2 ≤ 6,3 ≤ 15	0,05–0,2 ≤ 1,6 ≤ 3			
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 ¹⁾ H10	D ₁ H8	L + 0,2	L ₁ + 0,2	
mm						
4 50 80	50 80 150	d + 10 d + 15 d + 20	d + 3 d + 4 d + 5	6,5 8,0 10,5	4,0 4,0 5,5	Basic version: with a cutting gap s > 0 allow no supporting function. For supporting function a cutting gap s = 0 and a spiral groove is used. ¹) Cross section usually depends on the seal profile. cutting gap s → values depend on material and
150 400 750	400 750	d + 25 d + 30 d + 40	d + 6 d + 8 d + 8	13,4 14,2 15,0	7,0 7,0 7,0	temperature. For detailed information please contact SKF.

Ordering example

Profile $d \times D/D_1 \times L/L_1$ [mm] Guide ring material

Guide ring F04 100 x 80/95 x 10,5/5,5 SKF Ecotal

Operating parameters										
Material Guide ring ³⁾	Tempe	rature	Speed ¹⁾	Specific load ²⁾						
Guide Hilg ⁵⁷	from	to	max							
	°C		m/s	N/mm ²						
SKF Ecoflon 2	-200	+200	4	3						
SKF Ecoflon 3	-200	+200	5	5						
■ SKF Ecotal	-50	+100	1	25						
■ SKF Ecomid	-40	+110	1	25						

 $IMPORTANT\ NOTE: The\ stated\ operating\ conditions\ represent\ general\ indications.\ It\ is\ recommended\ not\ to\ use\ all\ maximum$ when the control of the stated uper aging conditions represent general indications, it is recommended not to use an maximum values simultaneously.

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

2) Depending on temperature and allowed compression. Contact SKF for more information.

3) Size limitation D: Up to 260 mm SKF Ecotal, from 260 – 400 mm SKF Ecotal or SKF Ecomid and above 400 mm SKF Ecomid.

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