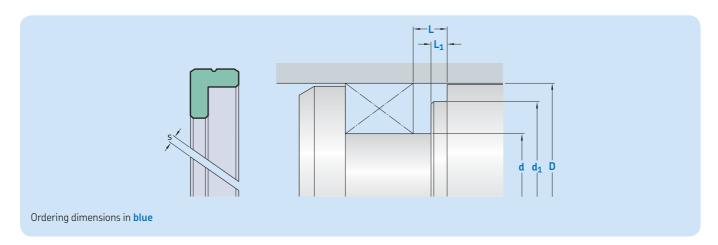


F03



Sealing material Surface roughness	TPU / Ela R _{tmax}	$\begin{array}{cc} \textbf{TPU/Elastomers} \\ R_{tmax} & R_{a} \end{array}$		R_{a}			
	m m		m m				
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 H9 over	ard dimensions	d ¹⁾ h10	d ₁ h8	L + 0,2	L ₁ + 0,2	
mm						
20 50 80	50 80 150	D-10 D-15 D-20	D – 3 D – 4 D – 5	6,5 8 10,5	4 4 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. Cross 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	7 7 7	temperature. For detailed information please refer to the profile description.

Ordering example

Profile D x d/d₁ x L/L₁ [mm] Guiding material

Guide ring F03 100 x 80/95 x 10,5/5,5 SKF Ecotal

Operating parameters								
Material Guiding	Temperature		Speed ¹⁾	Specific load ²⁾				
Guiding	from	to	max					
_	°C		m/s	N/mm ²				
SKF Ecoflon 2	-200	+200	4	3,0				
SKF Ecoflon 3	-200		5	4,5				
■ SKF Ecomid ³⁾	-40	100	,	25				
■ SKF Ecotal ³⁾	-50	+100	4	25				

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum and the state of the stateIMPORTANT NOTE. The stated operating conditions represent general nucleations, it is recommended values simultaneously.

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

3) Depending on temperature and allowed compression. Detailed information see profile description.

3) D ≤ 260 mm → SKF Ecotal, D > 260 mm → SKF Ecomid.

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