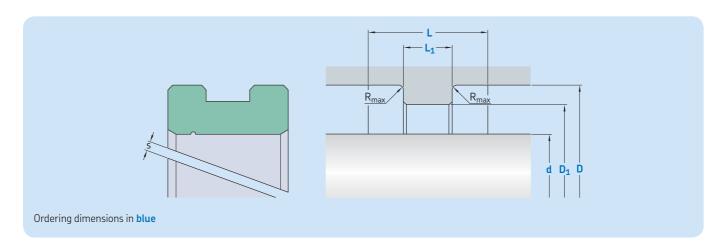


## F08



<b>Sealing material</b> Surface roughness	$\begin{array}{ccc} \textbf{TPU/Elastomers} \\ R_{tmax} & R_{a} \end{array}$		<b>PTFE</b> R <sub>tmax</sub>	$R_a$			
	<b>m</b> m		<b>m</b> 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 $C_{\text{ref}}$ = 0%							

## Standard dimensions

Minimum nominal inside diameter  $d \ge 22$  mm.

Depending on the application, the geometry of the guide element should be adapted to the type of application (please refer to the profile description – Seal housing). Because uncut versions would be pointless for assembly reasons, rotating applications should to be avoided. Standard version with cutting gap s > 0 do not allow a supporting function. For a supporting function a cutting gap of s = 0 and a spiral groove is provided. Cutting gap  $s \rightarrow$  values depend on material and temperature. For detailed information please refer to the profile description.

Profile D x d/d<sub>1</sub> x L/L<sub>1</sub> [mm] Guiding material

Operating parameters							
<b>Material</b> Guiding	Temperature		Speed <sup>1)</sup>	Specific load <sup>2)</sup>			
Guiding	from	to	max				
_	°C		m/s	N/mm²			
SKF Ecoflon 2	200	+200	4	3,0			
SKF Ecoflon 3	-200	+200	5	4,5			
■ SKF Ecomid <sup>3)</sup>	-40	100	,	25			
■ SKF Ecotal <sup>3)</sup>	-50	+100	4				

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.

## skf.com | skf.com/seals

 $\ensuremath{\mathbb{R}}$  SKF is a registered trademark of the SKF Group.

© SKF Group 2015
The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

