



### **General**

The Flange Seals FL03 is a simple designed symmetrical seal for a wide range of static applications. It can be designed for axial and radial sealing.

### **Features**

- ⇒ Simple seal design maintain low costs.
- ⇒ Variable dimensions to be used also in special dimensioned grooves.
- ⇒ Sealing over a wide range of pressures, temperatures and tolerances.
- ⇒ Wide application ranges.
- ⇒ Simple mounting.
- ⇒ Compact and simple grooves.
- ⇒ Easy and cost saving constructions possible.

### **Application**

Static sealing (e.g. flanges)

### **Installation**

Snap-in installation

#### **Seal housing recommendation**

<b>Tolerances</b>	<b>[mm]</b>	
L < 10mm	+ 0.2	
L ≥ 10mm	+ 0.3	
∅ NA	H8	
∅ NI	f7	
<b>Surface roughness</b>	<b>Rtmax [μ]</b>	<b>Ra [μ]</b>
Bottom of groove	≤ 6.3	≤ 1.6
Face of groove	≤ 15	≤ 3
<b>Sliding surface</b>	<b>Rtmax [μ]</b>	<b>Ra [μ]</b>
	≤ 6,3	≤ 1,6

#### **Profile description**

***Flange Seal***  
***FL03***