

# Labyrinth seal for standard bearings Type CF...A0/S0



## CF 6209 A0

Item number 306823

### Technical data

Material:	
Design S0:	Steel
Design A0:	Aluminum
Inner diameter ID:	45 mm
Outer diameter OD:	85 mm
Installed width W:	6
Sealing gap:	Axial/radial
Axial play $S_{ax}^*$ :	1 mm
Radial play $S_{rad}^*$ :	$S_{rad} = S_{ax} / \tan(42,5^\circ)$
Gap diameter $e_1$ :	58 mm
Gap diameter $e_2$ :	68 mm
Speed limit:	21980 rpm
Weight:	0.066 kg
Operating temperature t:	-40° - 200°C

\*Entire movability from one end position to the other

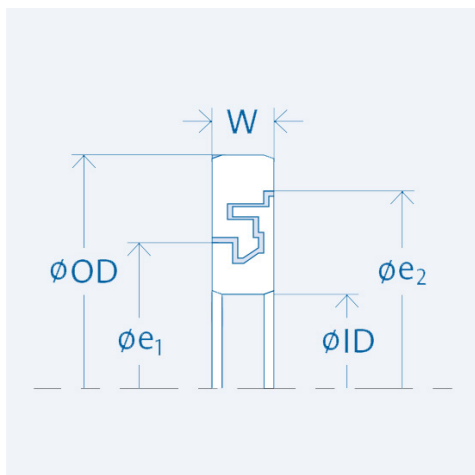


Fig. 1

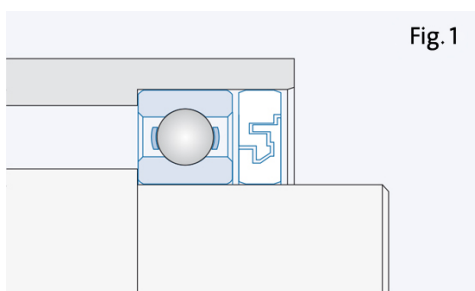
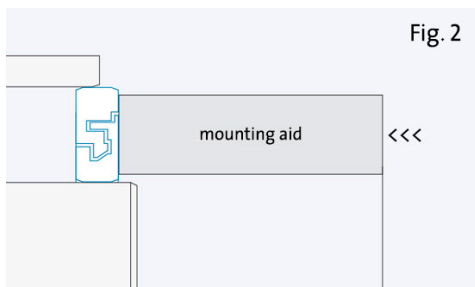


Fig. 2



### Installation

The seal is designed for free-standing press-fit installation. No additional axial securing is needed. (Fig. 1)

The inner and outer rings are pressed in together next to the bearing using installation assistance (Fig. 2). Both rings are thus centered with one another and do not contact or touch.

The larger gap diameter  $e_2$  must always face the impact.

### Tolerances

Shaft k5  
Hub J6