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



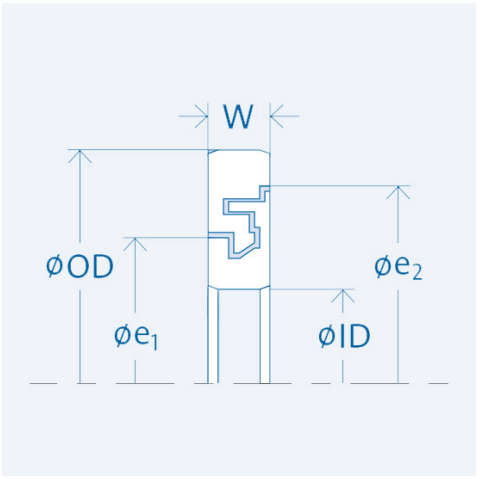


Fig. 1

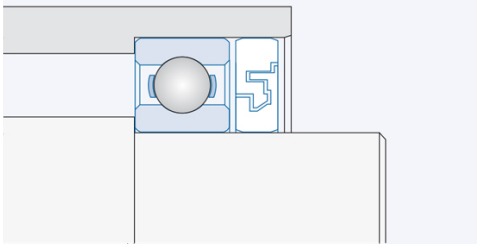
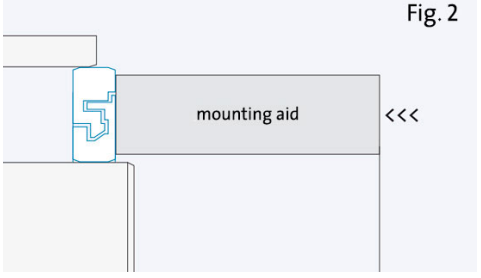


Fig. 2



CF 6210 A0

Item number 306827

Technical data

Material:	
Design S0:	Steel
Design A0:	Aluminum
Inner diameter ID:	50 mm
Outer diameter OD:	90 mm
Installed width W:	6
Sealing gap:	Axial/radial
Axial play S_{ax}*:	1 mm
Radial play S_{rad}*:	0.5 mm
Gap diameter e_1:	63 mm
Gap diameter e_2:	73 mm
Speed limit:	19810 rpm
Weight:	0.071 kg
Operating temperature t:	-40° - 200°C

*Entire movability from one end position to the other

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