Labyrinth plastic seal
Type SA

SA 40 X 68 X 10

Item number 301845

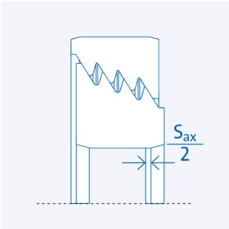
Technical data

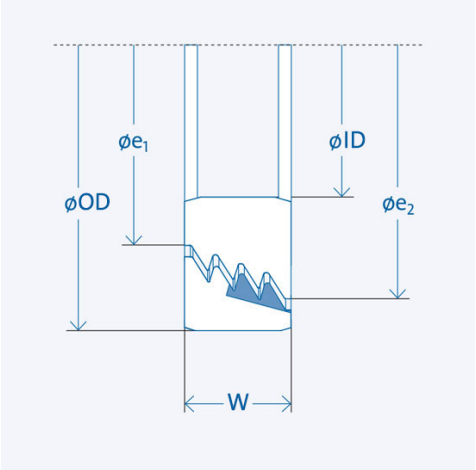
Material:	High-quality polyoxymethylene (POM)
Inner diameter ID:	40 mm
Outer diameter OD:	68 mm
Installed width W:	10 mm
Sealing gap:	Conical
Axial play S_{ax}*:	0.8 mm
Gap diameter e_1:	47 mm
Gap diameter e_2:	61 mm
Speed limit:	21000 rpm
Weight:	0.0263 kg
Operating temperature t:	-40° - 60°C

*Entire movability from one end position to the other

Heavy and direct splashing liquids could be drained through an additional groove in the outer ring – for rotating shafts only.

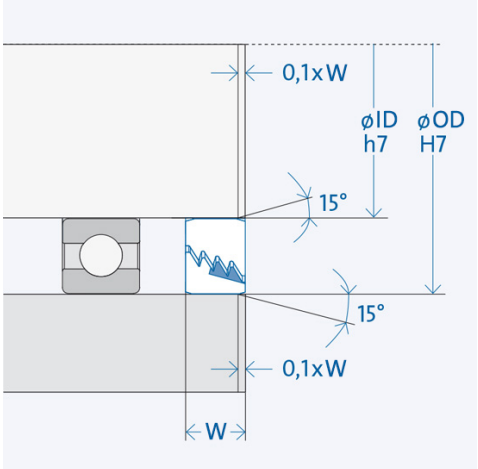
Axial play:





Installation

“l” Length (chamfering of shaft and housing) depending on the width W: l = 0,1 x B



The larger gap diameter e_2 must always face the impact.

The grove in the stationary part must be positioned at the lowest point.

Component tolerances

Surrounding structure (mating parts)

Housing: H7 / Shaft: h7
Surface quality: Rz ≤ 16 µm; Ra ≤ 3,2 µm