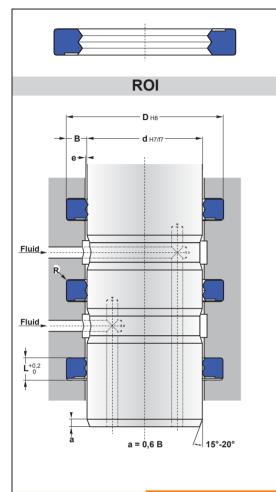


ROI

# PU double acting rotary seal



Pressure (MPa)	<b>e</b> (mm)
5	≤ 0,5
15	≤ 0,4
25	≤ 0,3
35	≤ 0,2

**ROI** is a space-saving rotary seal. The seal is manufactured with a predefined interference fit on the outside diameter, which enables a stable fit in the housing and a good static sealing function. The dynamic seal is achieved by two internal seal edges.

Where extrusion gap are larger than those specified or for higher pressure conditions the serie ROI-A with two incorporated anti-extrusion rings shall be selected. The seal is produced in polyurethane, which increases the wear resistance and extends the service life.

## Operating conditions

Pressure	≤ 35 MPa
Temperature	-30°C to 90°C
Speed	≤ 0,1 m/s
Fluids	Mineral oils
Shaft surface hardness	≥ 55 HRC
Shaft hardness depth	≥ 0,3 mm

### Materials

Seal PL

#### Assembly

In closed housings

### Advantages

Good static sealing

Easy assembly without tools

Compact design

High abrasion resistance

Long service life

Please contact us for applications approaching maximum values.





d	D	L	Reference
60	70	5	ROI-60
70	80	5	ROI-70
80	90	5	ROI-80
90	100	5	ROI-90
95	105	5	ROI-95
100	110	5	ROI-100
105	115	5	ROI-105
110	120	5	ROI-110
115	125	5	ROI-115
120	130	5	ROI-120
125	135	5	ROI-125
130	140	5	ROI-130
150	160	5	ROI-150