



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	PU
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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.

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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