

## TECHNICAL INFORMATION

# Piston Seals | DAS Compact Seal, Type B

### Description

The Compact Seal is a double-acting seal and a guide element comprising an elastomeric profile seal ring in 70 Shore A NBR, two back-up rings in a polyester elastomer, and two guide rings in HM061. The profile seal ring seals in both static and dynamic range while the back-up rings prevent extrusion into the sealing gap. The function of the guide rings is to guide the piston

in the cylinder tube and to absorb transverse forces.

The design provides a compact seal and guide combination for closed or split installation groove. The Type B has a Z-shaped back-up ring which forms a chamber with the elastomer seal ring on the inside and is centered on the outside by a guide ring.

### Advantages

- Good sealing effect, also suitable for holding cylinders
- Capable of installation in closed grooves for reduced machining costs
- Economic sealing and guiding solution
- Simple snap installation

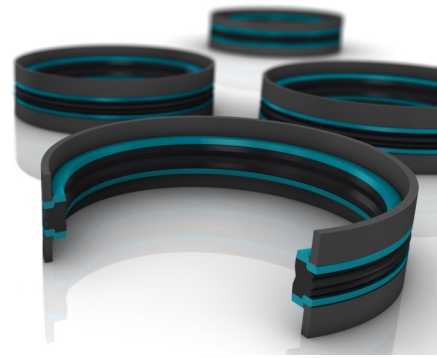


### Technical Data

Pressure	: Up to 35 MPa
Speed	: Up to 0.5 m/s
Temperature	: -30 °C to +100 °C
Media	: Mineral oil-based hydraulic fluids, flame retardant hydraulic fluids, HFA, HFB, HFC (<+40°C)

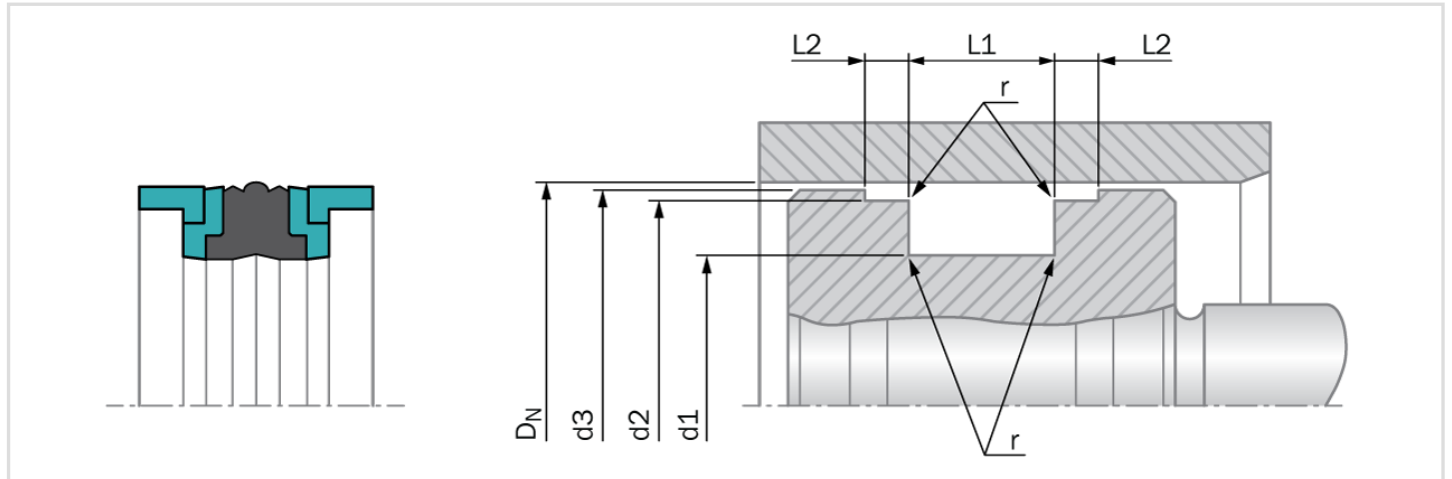


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#### Important Note

Installation suggestions, material recommendations, parameters and further data provided are always subject to the particular field of use and the application in which the seal is intended to be used, in particular the interaction of the seal with other components of the application. Therefore they neither constitute an agreement on the legal and factual nature nor a guarantee of quality. Technical changes and errors remain reserved.