



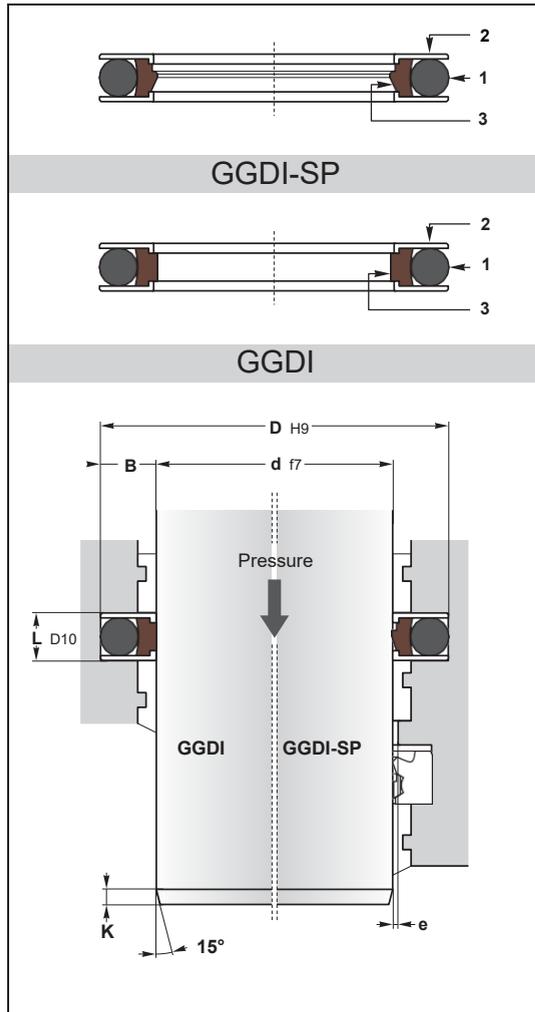
GGDI-SP



GGDI

Captive PTFE rod seal

HUNGER
Dichtungen



The **GGDI-SP** inside sealing captive slide and O-Ring seal is a single-acting rod seal with step profile to increase the sealing efficiency.

The **GGDI-SP** is normally used in tandem with a secondary seal (e.g. **TDI**) where it can meet the most demanding sealing requirements.

The **GGDI** is a double acting rod seal.

Operating conditions

Pressure	≤ 45 MPa
Temperature	-35°C to 100°C
Speed	≤ 1 m/s

Materials

Energising element (1)	NBR
L-ring (2)	POM
Slide ring (3)	PTFE-Bronze

Assembly

In closed grooves
First insert O-ring and slide ring into the groove then the two split L-rings

Advantages

- Optimal sealing in tandem system
- Suitable as a primary seal (buffer)
- Small sections
- High extrusion resistance and long service life
- Low break-out and running friction
- Compatibility with nearly all media due to the high chemical resistance of the sealing element and the wide selection of O-ring compounds

Please contact us for applications approaching maximum values.

d	D	L	HUNGER reference	Reference
80	93,8	7,5	010632	GGDI-80
90	103,8	7,5	010636	GGDI-90
100	113,8	7,5	010639	GGDI-100
125	145	10	064431	GGDI-SP-125
220	240	10	010667	GGDI-220

Standard version rod Ø	Groove Ø	Groove width	Lead-in chamfer
d (mm)	D (mm)	L (mm)	K (mm)
40 - 79	d + 10	5	6/7
80 - 100	d + 13,8	7,5	7
> 100 - 250	d + 20	10	10
> 250 - 600	d + 30	15	10/15
> 600	d + 40	20	15

Diameter range	Gap size (Metalic chambering)	
	e (mm)	
	0 - 20 MPa	20 - 36 MPa
0 - 56	0,35	0,25
60 - 115	0,4	0,3
120 - 300	0,5	0,4
120 - 300	0,8	0,7