



The **GODA** is a compact seal for cylinder pistons. It can be used for simple and light-duty cylinder designs used in medium pressure ranges.

The sealing effect is provided by the slide ring being pressed against the sealing surface by the O-ring energiser at pressure. The surface finish should be Ra 0.1 - 0.3 μm .

Compact design, good sliding properties and low break-away forces are the main features of this doubleacting seal.

Operating conditions

Pressure	$\leq 36 \text{ MPa}$
Temperature	-35°C to 100°C
Speed	$\leq 1 \text{ m/s}$

Materials

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

Assembly

On one-piece pistons

Advantages

- Small sections and simple groove design
- 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
- No stick-slip

Please contact us for applications approaching maximum values.

Standard version rod \varnothing	Groove \varnothing	Groove width	Gap size	
			e (mm)	
D (mm)	d (mm)	L (mm)	0 - 20 MPa	20 - 36 MPa
22 - 99	D - 8	4	$\leq 0,2$	$\leq 0,15$
100 - 149	D - 12	6	$\leq 0,3$	$\leq 0,2$
150 - 499	D - 16	8	$\leq 0,4$	$\leq 0,2$
500 - 1000	D - 20	10	0,4 - 0,5	$\leq 0,25$

D	d	L	K	HUNGER reference	Reference
40	32	4	7	010902	GODA-40
50	42	4	7	010908	GODA-50
63	55	4	7	010912	GODA-63
80	72	4	7	010917	GODA-80
100	88	6	7	010922	GODA-100
125	113	6	10	010927	GODA-125
160	144	8	10	010934	GODA-160
200	184	8	10	010940	GODA-200