

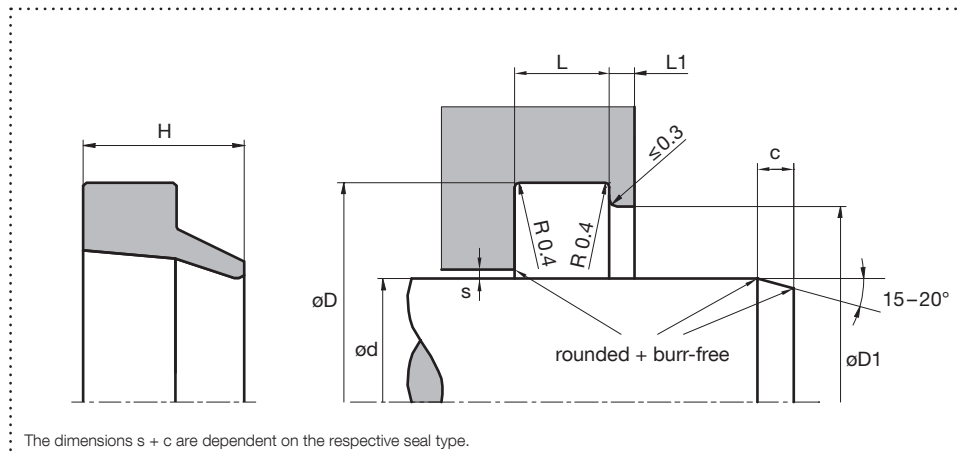


trygonal

Wiper TA05B

Pneumatics, single acting

Housing design



Design

- Wiper with tight fit on outer diameter
- Special wiper lip for lubrication film maintenance
- Prevents dirt accumulation on the cylinder face
- Pressure build-up on the back should be avoided

Application



linear



oscillating



screwing

Brightened symbols:
Seal only for limited use.
Please contact us.

Surface finish

Roughness	R _{tmax} (µm)	R _a (µm)	Material portion
Sliding surface	≤ 2,5	0,1 – 0,5	Ratio contact area: 50 – 95% at a cutting depth of 0.5 x R _z starting from C _{ref} = 0%
Groove base	≤ 6,3	≤ 1,6	
Groove flanks	≤ 15	≤ 3	

Standard dimensions

ød f8 (mm)	øD H11 (mm)	øD1 H11 (mm)	L + 0,2 (mm)	L1 ± 0,2 (mm)	H (mm)
≥ 5 – ≤ 50	d + 8	d + 4	5	≤ 2	7,15
> 50 – < 100	d + 10	d + 5	6	≤ 2	8,6
≥ 100 – ≤ 600	d + 15	d + 7,5	8,5	≤ 2	12,15

Material and application parameters

Sealing element	Temperature (°C)	max. sliding speed (m/s)
HPU premium	-30 – +110	4
HPU diet	-20 – +110	4
HPU lubric	-20 – +110	5
HPU taiga	-50 – +110	4
XHPU solid	-30 – +110	4
XHPU lubric	-20 – +110	5
NBR standard	-30 – +100	4
FPM diet br	-20 – +200	4
EPDM spring	-50 – +150	4
HNBR diet	-25 – +150	4
AFLAS® standard	-10 – +200	4

The specified application parameters are generally valid values and must not be used simultaneously with the application. An order can be placed by specifying the profile type, material and specified housing design dimensions.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.