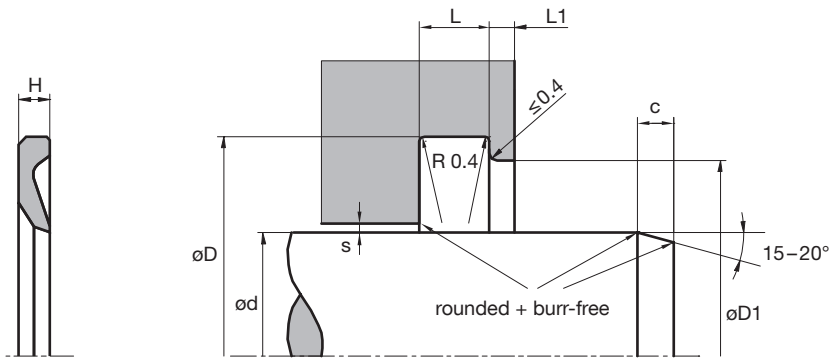
trygonal

Wiper TA13

Hydraulics/Pneumatics, single acting

Housing design

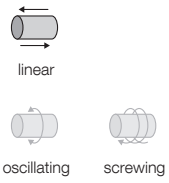


The dimensions s + c are dependent on the respective seal type.

Design

- Wiper for extreme applications (ice, mud, tar)
- In combination with TA01 and TA02 or special seals
- Protects the elastomer wiper from damage
- Good dry running properties, stiffness and breaking strength

Application



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

Surface finish

Roughness	Rtmax (µm)	Ra (µm)	Material portion
Sliding surface	≤ 2,5	0,1 – 0,5	Ratio contact area: 50 – 95% at a cutting depth of 0.5 x Rz starting from Cref = 0%
Groove base	≤ 6,3	≤ 1,6	
Groove flanks	≤ 15	≤ 3	

Standard dimensions

ød f8 (mm)	øD H9 (mm)	øD1+0,1 (mm)	L+0,2 (mm)	L1 (mm)	H = L (mm)
≥ 5 – ≤ 50	d + 10	d + 9	2	2	1,9
> 50 – ≤ 150	d + 15	d + 14	2,5	2	2,4
> 150 – ≤ 600	d + 20	d + 18,5	3	3	2,9

Material and application parameters

Sealing element	Temperature (°C)	max. sliding speed (m/s)
XHPU solid	-30 – +110	4
XHPU lubric	-20 – +110	5
POM	-40 – +80	4
PA6G[1]	-40 – +80	4
Peek nature diet	-60 – +110	5
UHMWPE diet	-200 – +80	4

1 ≤ ø280mm: POM ; > ø280mm: PA6G

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.