

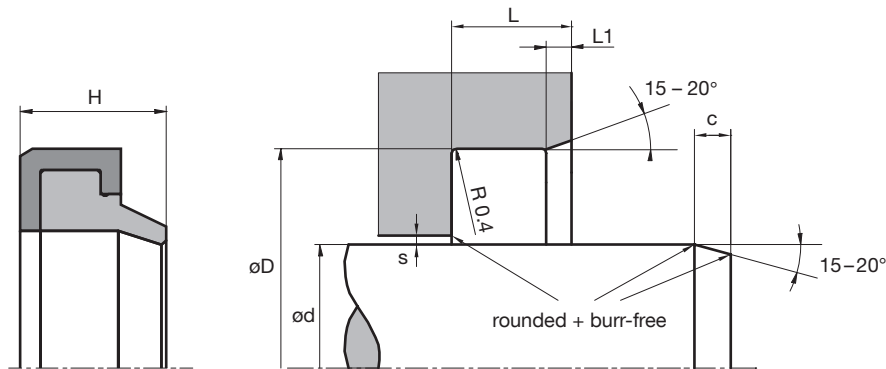


trygonal

Wiper TA03

Hydraulics, single acting

Housing design



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

Surface finish

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

Standard dimensions

$\varnothing d$ f8 (mm)	$\varnothing D$ H8 (mm)	L + 0,2 (mm)	L1 (mm)	H (mm)
$\geq 22 - < 100$	d + 10	7	1,4	10
$\geq 100 - \leq 200$	d + 15	9	1,8	12
$> 200 - \leq 600$	d + 20	12	2,4	16

Material and application parameters

Sealing element	Housing	Temperature ($^{\circ}\text{C}$)	max. sliding speed (m/s)
HPU premium	POM, PA6G ¹ , ALU, ST	-30 – +80	4
HPU diet	POM, PA6G ¹ , ALU, ST	-20 – +80	4
HPU lubric	POM, PA6G ¹ , ALU, ST	-20 – +80	5
HPU taiga	POM, PA6G ¹ , ALU, ST	-50 – +80	4
XHPU solid	POM, PA6G ¹ , ALU, ST	-30 – +80	4
XHPU lubric	POM, PA6G ¹ , ALU, ST	-20 – +80	5
NBR standard	POM, PA6G ¹ , ALU, ST	-30 – +80	4
FPM diet br	Peek nature diet, ALU, ST	-20 – +200	4
EPDM spring	Peek nature diet, ALU, ST	-50 – +150	4
HNBR diet	POM, PA6G ¹ , ALU, ST	-25 – +80	4
AFLAS [®] standard	Peek nature diet, ALU, ST	-10 – +200	4

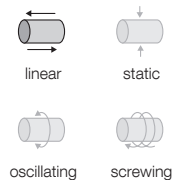
1 $\leq \varnothing 280\text{mm}$: POM ; $> \varnothing 280\text{mm}$: PA6G

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.

Design

- Wiper with cage for pressing in
- Housing design according to ISO 6195 Typ B
- Plastic cages prevent corrosion at the press fit
- Pressure build-up on the back should be avoided

Application



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

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