

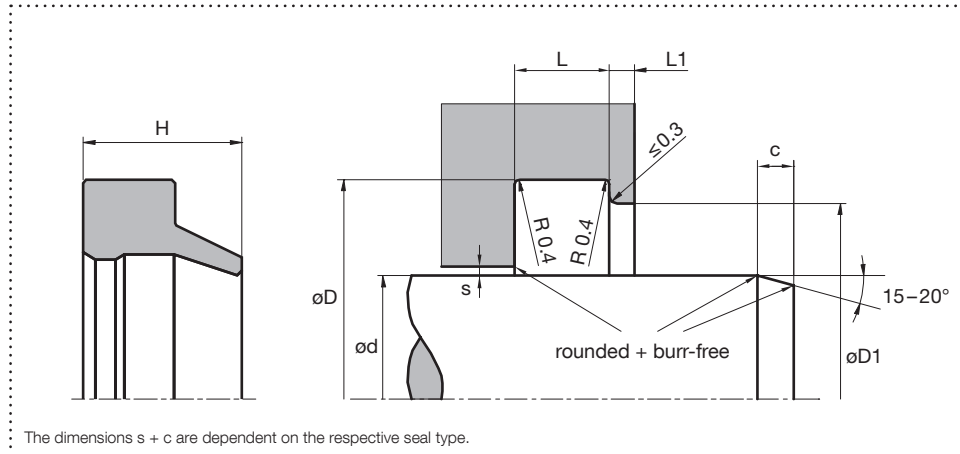


trygonal

# Wiper TA05A

Pneumatics, single acting

## Housing design



## Surface finish

Roughness	Rtmax ( $\mu\text{m}$ )	Ra ( $\mu\text{m}$ )	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	$\leq 15$	$\leq 3$	

## Standard dimensions

$\varnothing d$ f8 (mm)	$\varnothing D$ H11 (mm)	$\varnothing D1$ H11 (mm)	L + 0,2 (mm)	L1 $\pm$ 0,2 (mm)	H (mm)
$\geq 11$ – $\leq 50$	d + 8	d + 4	5	$\geq 2$	8
$> 50$ – $< 100$	d + 10	d + 5	6	$\geq 2$	9,7
$\geq 100$ – $\leq 600$	d + 15	d + 7,5	8,5	$\geq 2$	13

## Material and application parameters

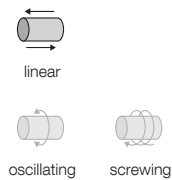
Sealing element	Temperature ( $^{\circ}\text{C}$ )	max. sliding speed (m/s)
HPU premium	-30 – +110	4
HPU diet	-20 – +110	4
HPU lubric	-20 – +110	5
HPU taiga	-50 – +110	4
XHPU solid	-30 – +110	4
XHPU lubric	-20 – +110	5
NBR standard	-30 – +100	4
FPM diet br	-20 – +200	4
EPDM spring	-50 – +150	4
HNBR diet	-25 – +150	4
AFLAS <sup>®</sup> 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.

## Design

- Wiper with tight fit on outer diameter
- Special wiper lip for lubrication film maintenance
- Support bead with relief notches on the back
- Support bead prevents the wiper from twisting

## Application



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