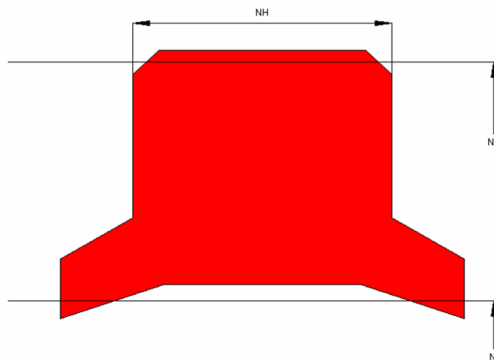


Profile Data Wiper WR17



Function

Wipers are designed to keep dust, dirt, sand and others off the rod and the sealing and guiding elements, avoiding abrasive damage caused by external contamination.

Features

- ⇒ The profile is designed with interference on the OD which provides a good static fit, preventing the entry of humidity and other contamination via the outside diameter.
- ⇒ Double acting wiper that is only used in old machineries anymore. For new constructions WR11 or WR12 is recommended.
- ⇒ Special designed housings required.
- ⇒ Pressure from the trailing side should be avoided.

Application

Reciprocation rods in old hydraulic cylinders, plungers.
Max. pressure 0 bar, max. speed 4 m/s.

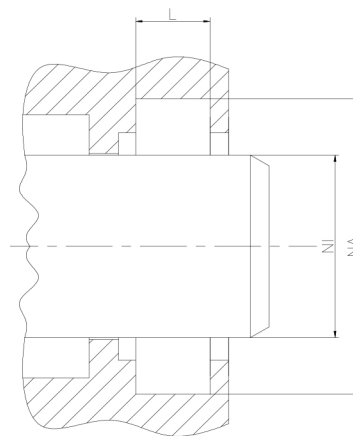
Installation

Snap-in installation.

When the cylinder can not be dismantled, the wiper can also be installed in cut version. In this case the diameter should be increased by 2-3%.

Seal housing recommendation

Tolerances	[mm]	
L < 10mm	+ 0.2	
L ≥ 10mm	+ 0.3	
∅ NA	H11	
∅ NI	f 8	
Surface roughness	Rtmax [μ]	Ra [μ]
Bottom of groove	≤ 6.3	≤ 1.6
Face of groove	≤ 15	≤ 3
Sliding surface	Rtmax [μ]	Ra [μ]
PU, elastomer	≤ 2.5	≤ 0.1-0.5
PTFE	≤ 2	≤ 0.05-0.3



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