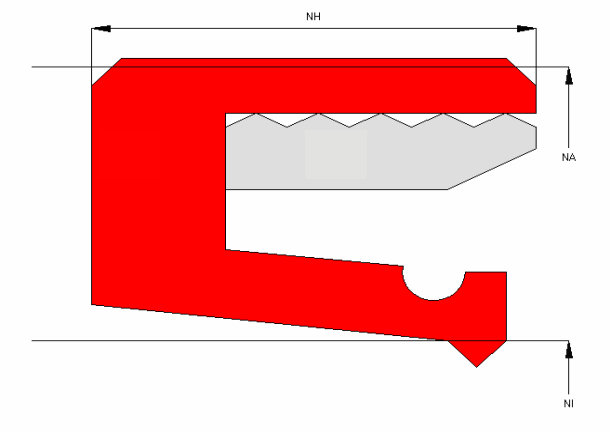

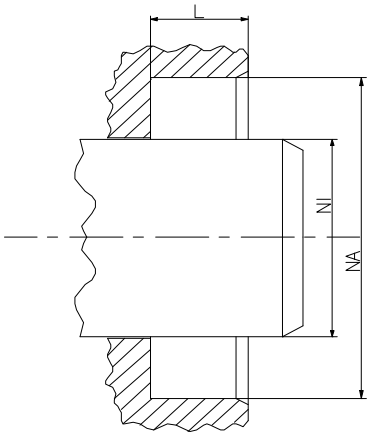

Function

Rotary seals are designed to seal the pressurized hydraulic fluid against the atmosphere, preventing leakage and pollution of the environment or to transfer liquids and/or gases from a stationary part into or out of rotating machinery.

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.
- ⇨ Tight seat in the housing and an additional retainer ring in hard plastic or Aluminium/Steel ensures that the seal is held in place.
- ⇨ Tension spring for increasing the bonding force.
- ⇨ Not suitable for high pressure from the trailing side.

Application

Pumps, electric motors, swiveling cylinders, etc.
Max. pressure 0,5 bar, max. speed: PU/POM 5 m/s; NBR/POM 10m/s; FPM/PTFE 25m/s.

Installation

press-in installation; separate installation of retainer ring and elastomer part possible.

Seal housing recommendation

Tolerances	**[mm]**	
L	+ 0.2	
ø NA	H 8	
ø 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, elastomeres	≤ 2.5	≤ 0.1-0.5
PTFE	≤ 2	≤ 0.05-0.3

SELEPAC