

# Rotary Seal XSR04

## Function:

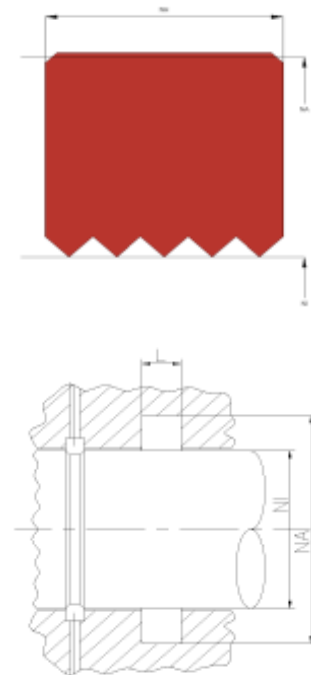
Rotary seals are designed to seal the pressurized hydraulic fluid against the atmosphere, preventing leakage and pollution of the environment or to transfer liquids and/or gases from a stationary part into or out of rotating machinery.

## Features:

- Asymmetrical, double acting rotary seal, designed with interference on the OD which provides a good static fit in the groove.
- Dynamic sealing on the ID.
- Excellent static and dynamic sealing performance.
- Low friction.

## Application:

Slow moving shafts, pivoting movements, revolving distributors, swivel joints.  
Universal rotary seal for minor work loads.  
Max. pressure 160 bar, max. speed 0.2 m/s.



## Seal housing recommendation:

Tolerances	[mm]	
L	+ 0.2	
Ø NA	H 8	
Ø NI	f 8	

Surface roughness	Rtmax [ $\mu$ ]	Ra [ $\mu$ ]
Bottom of groove	$\leq 6.3$	$\leq 1.6$
Face of groove	$\leq 15$	$\leq 3$

Sliding surface	Rtmax [ $\mu$ ]	Ra [ $\mu$ ]
PU, elastomeres	$\leq 2.5$	$\leq 0.1 - 0.5$
PTFE	$\leq 2$	$\leq 0.05 - 0.3$

## Installation:

Snap-in installation.