



## WDR ASL

**Rotary shaft seal** in standard design according to DIN 3760 with an elastomer outer sheath covering a metal insert as well as a spring-energised sealing lip. In addition, the standard design is available with a protective lip (ASL) on the air side.

### Description

Product group: Rotary shaft seal

Design: A = outer surface rubber-coated

Model: S = protective lip

Seal material: NBR 70 3412, NBR 70 7504

Colour: black

Stiffening ring: non-alloy steel according to DIN EN 10139

Tension spring: non-alloy spring steel according to DIN EN 10270-1

### Areas of application

Sealing of rotating machine elements such as shafts, hubs and axles.

### Function

The WAS is a single-action rotary shaft seal for rotating or pivoting shafts with optional protective lip sealing action (ASL) on the side facing away from the medium, against dirt accumulation from the outside. The elastomer outer sheath provides good static sealing, good thermal expansion balance e.g. in light-metal housings, better sealing with greater roughness and secure sealing for split housings as well as good static sealing with thin fluid or gaseous media.

### Media

Good chemical resistance to many mineral oils and greases.

### Operational application limits

Pressure (Mpa/bar):  $\leq 0.05/0.5$

Temperature (°C): -40 to +100

Peripheral speed (m/s):  $\leq 12$

### Installation

Suitable tools should be used for installation. It is recommended that the installation housing is designed to provide the rotary shaft seal with axial support.