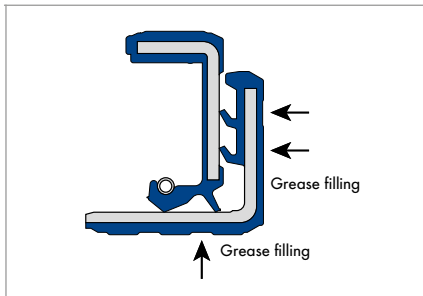


# SIMMERRING MSS 7 (MODULAR SEALING SOLUTION)



Simmerring MSS 7

## PRODUCT DESCRIPTION

The standard Simmerring BA...U...SL combined with a rubberised slip ring with axial dust lips as one-piece solution. A proven sealing system with high resistance to soiling, water and external environmental conditions and a counter-surface customised for the Simmerring.

## PRODUCT ADVANTAGES

- Broad range of applications
- Reliable sealing of the housing bore, even with increased roughness of the bore, thermal expansion and split housings, thus a sealing of low viscosity and gaseous media also possible
- Additional axial dust lip(s) against moderate to medium dust and dirt ingress from outside

## PRODUCT PROPERTIES

- Outer casing: elastomer
- Spring-loaded sealing lip
- Additional dust lips
- Modern sealing lip profile
- High resistance to dirt ingress
- Robust solution
- Grease between the sealing lip and dust lip with special lubricant Klüber Petamo GHY 133 N

## APPLICATION

- Sealing of special gearboxes (e.g. automated washing system/car wash)
- Axles for agricultural and construction machinery
- Axles for special vehicles

## MATERIAL

<b>Material</b>	Acrylonitrile-butadiene rubber
<b>Code</b>	72 NBR 902
<b>Hardness</b>	72 Shore A

## Components

<b>Metal insert</b>	Unalloyed steel DIN EN 10027-1
<b>Spring</b>	Spring steel DIN EN 10270-1

## OPERATING CONDITIONS

<b>T</b>	≤ +80 °C
<b>v</b>	≤5 m/s
<b>P</b>	≤0,05 MPa

Max. permissible values depend on the other operating conditions.

## FITTING & INSTALLATION

### Shaft

<b>Tolerance</b>	ISO h8
<b>Runout</b>	IT 8
<b>Roughness</b>	R <sub>z</sub> = 10 ... 16 µm

Careful fitting with the aid of an assembly press is a prerequisite for the correct function of the seal.

### Housing bore

<b>Tolerance</b>	ISO H8
<b>Roughness metal outer surface OD</b>	R <sub>z</sub> = 10 ... 16 µm