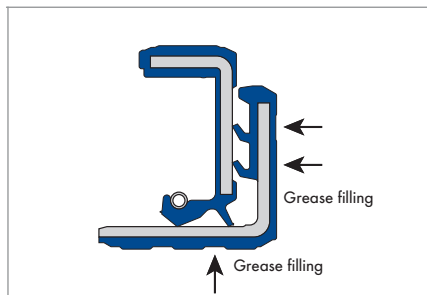


SIMMERRING MSS 7



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

Material	Acrylonitrile-butadiene rubber
Code	72 NBR 902
Hardness	72 Shore A

Material 75 FKM 585 on enquiry.

Components

Metal insert	Unalloyed steel DIN EN 10027-1
Spring	Spring steel DIN EN 10270-1

OPERATING CONDITIONS

T	≤ +80 °C
v	≤ 5 m/s
p	≤ 0,05 MPa

Max. permissible values depend on the other operating conditions.

FITTING & INSTALLATION

Shaft

Tolerance	ISO h8
Runout	IT 8
Roughness	R _z = 10 ... 16 µm

Housing bore

Tolerance	ISO H8
Roughness metal outer surface OD	R _z = 10 ... 16 µm

Careful fitting according to DIN 3760 is a prerequisite for the correct function of the seal → Technical Manual.

Range of dimensions for shafts-Ø d1

Simmerring MSS 7	35 ... 150 mm
-------------------------	---------------