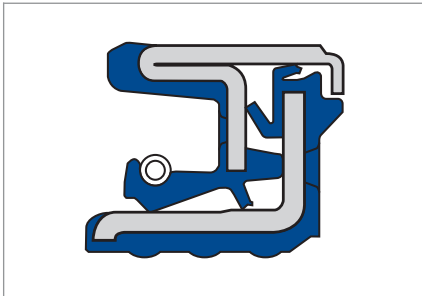


## SIMMERRING CASSETTE SEAL TYPE 2



### PRODUCT DESCRIPTION

Complete unit consisting of a Simmerring and an integrated running surface. Economical system solution with integrated labyrinth to protect against extreme soiling. The integrated running surface meets the high demands placed on dynamic seals.

### PRODUCT ADVANTAGES

- Lengthening of maintenance interval for individual units
- Shaft must not be hardened or ground
- Old solution can usually be replaced by Simmerring Cassette Seal without change to housing
- The shaft must not be machined on maintenance or seal replacement

### PRODUCT PROPERTIES

- Design: special types, on enquiry
- Outer casing: elastomer/sheet metal
- Spring-loaded sealing lip
- Additional dust lips
- High resistance to dirt ingress
- Robust solution

### APPLICATION

These examples of use provide general information on the primary applications for Simmerring Cassette Seals and their performance in relation to dirt from the outside. Simmerring Cassette Seals (types 1, 2 or 3) must be selected taking into account the application conditions (shaft speed, oil temperature, etc.).

- Combine harvesters
- Tedders
- Sewing machinery
- Pricking out machinery
- Threshing machinery
- Agricultural machinery

### MATERIAL

<b>Material</b>	Fluoro elastomer
<b>Code</b>	75 FKM 595
<b>Colour</b>	Red brown

### Components

<b>Metal insert</b>	Unalloyed steel DIN 1624 – EN10139
<b>Spring</b>	Spring steel 17223

### OPERATING CONDITIONS

<b>T</b>	≤ +100 °C
<b>v</b>	≤7 m/s
<b>p</b>	≤0,05 MPa

For material definitions, it must be taken into account that it is possible that not all extreme conditions will occur simultaneously.

### FITTING & INSTALLATION

#### Shaft

<b>Tolerance</b>	ISO h8
<b>Runout</b>	IT8
<b>Roughness</b>	R <sub>z</sub> = 10 ... 16 µm

#### Housing bore

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

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

Further information on enquiry.

#### Range of dimensions for shafts-Ø d1

<b>Simmerring Cassette Seal Typ 2</b>	35 ... 190 mm
---------------------------------------	---------------