





















SIMMERRING®

Designations of Simmerrings (Ex. BAUM3SLX... 35 - 50 - 7)

| BA | UM | 3 | SL | X... | 35 | - | 50 | - | 7 | / | 10 |
|---|--|---|--|---|---|---|---|---|---|--|--------------|
| Design outer-Ø | Design lip profile | Profile size | Dust lip | Special features | Shaft-Ø | | Housing-Ø | | Seat height (SH) | | Total height |
|  <p>Outer diameter coated with elastomer. Very good static sealing function.</p> |  <p>Current profile for standard Simmerrings.</p> |  <p>1 ... 6 Size of lip profile for BABSL 1 ... 7 Size of lip profile for BAUM</p> |  <p>Simmerring® with dust lip. Standard catalog parts have an overlap of the dust lip to the shaft.</p> |  <p>No designation No special features. Smooth outer casing for BA components. X is not listed in the designation in this case.</p> |  <p>BASL</p> | |  <p>BASL</p> | |  <p>BASL</p> | | |
|  <p>Outer diameter of the sheet metal beam without elastomer coating. Limited static sealing function.</p> |  <p>No designation or F Older design for standard Simmerrings with finished sealing edge. Components are gradually being replaced by UM profiles.</p> | |  <p>No designation Simmerring® without dust lip. Some dimensions are molded with a dust lip, which is then removed in a trimming or grooving process. In this case, SL is not listed in the designation.</p> |  <p>X2 Special features on the sealing lip. For older components with lip profile UM, for example, this can mean a design in NBR (BAU3X2...). According to the current nomenclature, a BAUM receives its designation regardless of whether FKM or NBR is used (no addition X2 required).</p> | | | | |  <p>MSS1 Refers to the width of the seat in the housing bore.</p> |  <p>MSS1 Total height is only relevant for MSS1 and MSS7.</p> | |
|  <p>Outer diameter without elastomer coating. 2 sheet metal beams for high stability. Limited static sealing function.</p> |  <p>B Design for pressure applications (short lip reduces hydraulic area).</p> | |  <p>Only valid for type BABSL SL X,X Ex. SL 0,5 A numerical value listed after the letters SL indicates the nominal overlap of the dust lip in mm (relevant for BABSL).</p> |  <p>X7 Grooved outer-Ø for BA type components.</p> | | | | |  <p>MSS7 Refers to the width of the seat in the housing bore</p> |  <p>MSS7 Total height is only relevant for MSS1 and MSS7.</p> | |