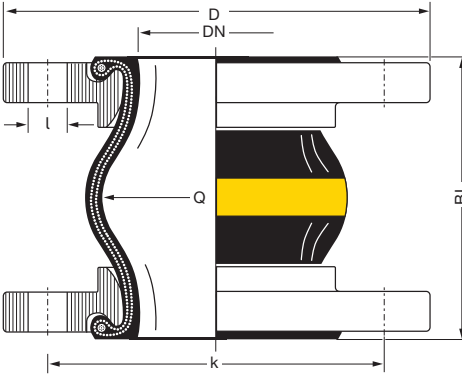


| GRUPPE<br><br>4<br><br>Section                                                                                                                                                                                                | GE-<br>WICHT | WIRKS.<br>FLÄCHE | BALG-<br>GRÖSSE |      | PN<br>BALG | FLANSCHEN <sup>1)</sup><br>ABMESSUNGEN [mm] |      |         | BAU-<br>LÄNGE  | BESTELL- <sup>1)</sup><br>NUMMER | <div>ELAFLEX</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|-----------------|------|------------|---------------------------------------------|------|---------|----------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
|                                                                                                                                                                                                                               | Weight       | Effect.<br>Area  | Size<br>DN      |      | Bellows    | Flanges <sup>1)</sup><br>Measurements [mm]  |      |         | Length<br>[mm] | Part <sup>1)</sup><br>Number     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | ≈ kg         | Q[cm²]           | inch            | mm   | bar        | D                                           | k    | n x l   | BL             | Type                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 1,9          | 15               | 1"              | 25   | 16         | 115                                         | 85   | 4 x 14  | 130            | ERV-G 25.16 <sup>2)</sup>        | <p><b>GELBRING</b>-Gummikompensatoren für Mineralölprodukte mit Aromatenanteilen bis 50 %, Kraftstoffe (Ethanolanteile bis 85 %), Flugkraftstoffe, Stadt- und Erdgas mit Ausnahme von Flüssiggas. Temperaturbereich (medienabhängig) -20 °C bis +90 °C, kurzzeitig bis +100 °C. Elektrisch ableitfähig.</p> <p>Innen : NBR (Nitril), nahtlos, abriebfest<br/>Druckträger : PA-Textilcord<br/>Außen : Chloropren CR<br/>Kennzeichnung : Gelber Ring, ERV DN ..., PN ..., Herstelldatum<br/>Flansche 1) : Drehbar, DIN PN 10/16, Stahl, verzinkt</p> <div><div>Type<br/>ERV-G</div><div></div></div> <p><b>YELLOW BAND</b> expansion joints suitable for petroleum based products with aromatic content up to 50 %, fuels (ethanol content up to 85 %), aviation fuels, town gas and natural gas except liquefied petroleum gas. Temperature range (depending on medium) -20 °C up to +90 °C, temporarily up to +100 °C. Electrically dissipative.</p> <p>Liner : NBR (nitrile), seamless, abrasion resistant<br/>Reinforcement : PA textile cord<br/>Cover : Chloroprene CR<br/>Marking : Yellow band, ERV DN ..., PN ..., production date<br/>Flanges<sup>1)</sup> : Swivelling, DIN PN 10/16, carbon steel, zinc plated</p> <div><div></div></div> <p>1) Bestellbeispiele. Andere Flanschnormen und -werkstoffe siehe Katalogseiten 461 – 464.<br/>2) Für Gummikompensatoren DN 25 werden Bälge DN 32 verwendet.</p> <p>1) Examples. Other flange standards and materials see catalogue pages 461 – 464.<br/>2) For rubber expansion joints DN 25 bellows DN 32 are used.</p> |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 3,4          | 15               | 1¼"             | 32   |            | 140                                         | 100  | 4 x 18  | 130            | ERV-G 32.16                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 3,6          |                  | 1½"             | 40   |            | 150                                         | 110  |         | 160            | ERV-G 32x160.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 4,0          | 20               |                 |      |            |                                             |      |         | 130            | ERV-G 40.16                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 4,2          |                  |                 |      |            |                                             |      |         | 160            | ERV-G 40x160.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 4,6          | 30               | 2"              | 50   |            | 165                                         | 125  |         | 130            | ERV-G 50.16                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 4,7          |                  |                 |      |            |                                             |      |         | 150            | ERV-G 50x150.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 4,8          |                  |                 |      |            |                                             |      |         | 160            | ERV-G 50x160.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 5,3          | 50               | 2½"             | 65   |            | 185                                         | 145  |         | 130            | ERV-G 65.16                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 5,4          |                  |                 |      |            |                                             |      |         | 150            | ERV-G 65x150.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 5,5          |                  |                 |      |            |                                             |      |         | 160            | ERV-G 65x160.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 6,9          | 85               | 3"              | 80   |            | 200                                         | 160  | 8 x 18  | 130            | ERV-G 80.16                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 7,0          |                  |                 |      |            |                                             |      |         | 150            | ERV-G 80x150.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 7,1          |                  |                 |      |            |                                             |      |         | 160            | ERV-G 80x160.16                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 8,0          | 125              | 4"              | 100  |            | 220                                         | 180  |         | 130            | ERV-G 100.16                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 8,1          |                  |                 |      |            |                                             |      |         | 150            | ERV-G 100x150.16                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 8,2          |                  |                 |      |            |                                             |      |         | 160            | ERV-G 100x160.16                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 9,9          | 185              | 5"              | 125  |            | 250                                         | 210  |         | 130            | ERV-G 125.16                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 10,1         |                  |                 |      |            |                                             |      |         | 150            | ERV-G 125x150.16                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 10,2         |                  |                 |      |            |                                             |      |         | 160            | ERV-G 125x160.16                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 12,3         | 250              | 6"              | 150  |            | 285                                         | 240  |         | 130            | ERV-G 150.16                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 12,4         |                  |                 |      |            |                                             |      |         | 150            | ERV-G 150x150.16                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 12,5         |                  |                 |      |            |                                             |      |         | 160            | ERV-G 150x160.16                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 16,5         | 400              | 8"              | 200  |            | 340                                         | 295  |         | 130            | ERV-G 200.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 16,6         |                  |                 |      |            |                                             |      |         | 150            | ERV-G 200x150.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 16,7         |                  |                 |      |            |                                             |      |         | 160            | ERV-G 200x160.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 16,8         |                  |                 |      |            |                                             |      |         | 175            | ERV-G 200x175.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 21,6         | 600              | 10"             | 250  | 16         | 395                                         | 350  | 12 x 22 | 130            | ERV-G 250.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 21,9         |                  |                 |      | 10         |                                             |      |         | 175            | ERV-G 250x175.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 22,1         |                  |                 |      |            |                                             |      |         | 200            | ERV-G 250x200.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 29,3         | 800              | 12"             | 300  | 16         | 445                                         | 400  | 12 x 22 | 130            | ERV-G 300.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 29,8         |                  |                 |      | 10         |                                             |      |         | 200            | ERV-G 300x200.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 43,0         | 1000             | 14"             | 350  | 16         | 505                                         | 460  | 16 x 22 | 200            | ERV-G 350.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 46,0         | 1375             | 16"             | 400  | 16         | 565                                         | 515  | 16 x 26 | 200            | ERV-G 400.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 50,0         | 1780             | 18"             | 450  | 10         | 615                                         | 565  | 20 x 26 | 200            | ERV-G 450.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 53,0         |                  |                 |      |            |                                             |      |         | 250            | ERV-G 450x250.10                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 57,0         | 2185             | 20"             | 500  | 10         | 670                                         | 620  | 20 x 26 | 200            | ERV-G 500.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 70,0         | 3080             | 24"             | 600  |            | 780                                         | 725  | 20 x 30 | 200            | ERV-G 600.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 117,0        | 4800             | 28"             | 700  |            | 895                                         | 840  | 24 x 30 | 260            | ERV-G 700.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 129,5        | 5440             | 32"             | 800  |            | 1015                                        | 950  | 24 x 33 | 250            | ERV-G 800.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 184,0        | 7100             | 36"             | 900  |            | 1115                                        | 1050 | 28 x 33 | 300            | ERV-G 900.10                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                               | 245,0        | 8700             | 40"             | 1000 |            | 1230                                        | 1160 | 28 x 36 |                | ERV-G 1000.10                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
| <div>2009<br/>Revision 8.2024</div> <div>Produktkonfigurator für ERV-Gummikompensatoren:<br/>ervkonfigurator.elaflex.de</div> <div>Product configurator for ERV Rubber Expansion Joints:<br/>ervkonfigurator.elaflex.de</div> |              |                  |                 |      |            |                                             |      |         |                |                                  | <div>Gummikompensatoren ERV-G</div> <div>Rubber Expansion Joints ERV-G</div> <div>423</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |

## Bewegungsbereich Type ERV-G · Range of Movement Type ERV-G

| ERV-G                            |                                        |                                    |                 | Zulässiger statischer Bewegungsbereich im Betriebszustand <sup>*)</sup><br>bei Einsatz von Flanschen mit Stützkragen bis +50 °C<br><i>Allowable static range of movement in service with usage of collar flanges up to +50 °C <sup>*)</sup></i> |                |           |         |
|----------------------------------|----------------------------------------|------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|---------|
| Baulänge<br>Length<br>BL<br>[mm] | Balgröße<br>Bellows Size<br>DN<br>[mm] | Einbaulänge<br>Installation Length |                 | axial                                                                                                                                                                                                                                           |                | lateral   | angular |
|                                  |                                        | EL min.<br>[mm]                    | EL max.<br>[mm] | L min.<br>[mm]                                                                                                                                                                                                                                  | L max.<br>[mm] | l<br>[mm] | α       |
| 130                              | 25 - 80                                | 120                                | 135             | 100                                                                                                                                                                                                                                             | 150            | ±30       | ±30     |
|                                  | 100 - 150                              | 120                                | 135             | 100                                                                                                                                                                                                                                             | 150            | ±30       | ±20     |
|                                  | 200                                    | 115                                | 140             | 105                                                                                                                                                                                                                                             | 160            | ±30       | ±10     |
|                                  | 250 - 300                              | 125                                | 140             | 120                                                                                                                                                                                                                                             | 160            | ±15       | ±5      |
| 150                              | 50 - 200                               | 140                                | 160             | 115                                                                                                                                                                                                                                             | 180            | ±30       | ±15     |
| 160                              | 32 - 200                               | 150                                | 170             | 130                                                                                                                                                                                                                                             | 195            | ±35       | ±15     |
| 175                              | 200 - 250                              | 165                                | 185             | 160                                                                                                                                                                                                                                             | 210            | ±10       | ±5      |
| 200                              | 250 - 300                              | 190                                | 210             | 160                                                                                                                                                                                                                                             | 235            | ±30       | ±10     |
|                                  | 350 - 600                              | 190                                | 210             | 160                                                                                                                                                                                                                                             | 235            | ±30       | ±8      |
| 250                              | 450                                    | 240                                | 260             | 210                                                                                                                                                                                                                                             | 285            | ±35       | ±10     |
|                                  | 800                                    | 240                                | 260             | 210                                                                                                                                                                                                                                             | 285            | ±35       | ±5      |
| 260                              | 700                                    | 250                                | 270             | 220                                                                                                                                                                                                                                             | 290            | ±30       | ±5      |
| 300                              | 900 - 1000                             | 290                                | 310             | 260                                                                                                                                                                                                                                             | 340            | ±40       | ±5      |

<sup>\*)</sup> **Achtung:** Werte sind nicht für kombinierte Bewegungen gültig.  
Entsprechende Berechnung s. S. 475. Bitte fragen Sie unseren Verkauf.

<sup>\*)</sup> **Please note:** Data not valid for combined movements. For calculation hints see page 475. Please contact our sales team.

## Zulässiger Unterdruck [mbar] · Permissible Vacuum [mbar]

| DN                          | 32   | 40   | 50   | 65   | 80   | 100  | 125  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 600  | 700  | 800  | 900  | 1000 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ohne / without<br>VSD / VSR | max. | max. | max. | -700 | -600 | -400 | -300 | -300 | -300 | -200 | -100 |      |      |      |      |      |      |      |      |      |
| mit / with<br>VSD / TAS     |      |      | max. | max. | max. | max. | max. | max. | -600 | -400 | -200 |      |      |      |      |      |      |      |      |      |
| mit / with<br>VSR           |      |      |      |      |      |      | max. | max. | max. | max. | max. | max. | max. | -700 | -700 | -700 |      |      |      |      |
| mit / with<br>VSRV          |      |      |      |      |      |      |      |      |      |      |      |      |      | max. | max. | max. | max. | -700 | -700 | -700 |

Daten gemessen mit neuen Kompensatoren in Standardbaulängen bei Raumtemperatur mit nicht quellenden Medien. Für quellende Medien ist ein Sicherheitsfaktor zu berücksichtigen. Ein gestauchter Einbau verbessert die in der Tabelle genannte Vakuumfestigkeit. Die maximale zulässige Streckung (L max.) führt zu einer um bis zu 50 % geringeren Vakuumfestigkeit. Für diesen Fall empfehlen wir die Verwendung von Vakuum-Stützdrahtspiralen oder Vakuum-Stützringen (s. Katalogs. 468).

Zusammenhänge von Überdruck, Bewegungsbereich und Temperatur entnehmen Sie bitte der Tabelle auf Katalogseite 404.

Data measured at room temperature with new expansion joints in standard length and non swelling media. For swelling media use a safety factor. A compressed installation improves the vacuum resistance listed in the table above. The maximum permissible elongation (L max.) reduces the vacuum resistance by 50%. For this case we recommend to use vacuum support spirals or vacuum support rings (see catalogue page 468).

Dependencies of overpressure, range of movement and temperature please see table on catalogue page 404.

## Zulassungen · Approvals

Diese Zertifikate für Type **ERV-G** können Sie herunterladen unter [elaflex.de/zertifikate](http://elaflex.de/zertifikate)

These certificates for type **ERV-G** can be downloaded from [elaflex.de/en/certificates](http://elaflex.de/en/certificates)

