

**PROGEF Standard Diaphragm valve DIASTAR TenPlus  
FC (Fail safe to close)  
With butt fusion spigots SDR11 metric**

**Model:**

- Material: PP-H
- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Rotating air connection at 90° intervals
- Smallest possible dead space
- For easy installation and removal
- Short overall length

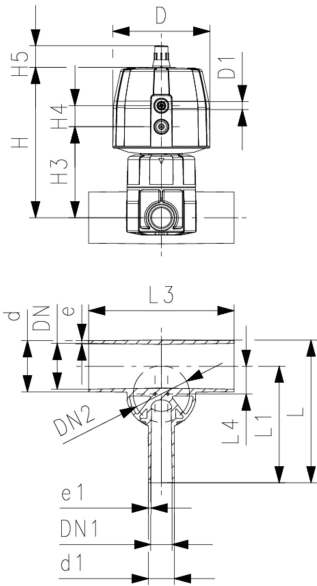
**Option:**

- Individual configuration of the valve
- Comprehensive range of accessories available

\* PN: PTFE

Working Pressure: **both sides**

\* O-Ring material: FKM



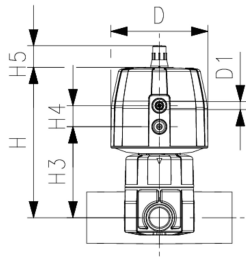
| d<br>(mm) | d1<br>(mm) | DN<br>(mm) | DN1<br>(mm) | Size<br>(inch) | Valve<br>Size d<br>(mm) | PN<br>(bar) | PN*<br>(bar) | kv-value<br>( $\Delta p=1$ bar)<br>(L/min) | EPDM<br>Code       | Weight<br>(kg) |
|-----------|------------|------------|-------------|----------------|-------------------------|-------------|--------------|--|--------------------|----------------|
| 20        | 20         | 15         | 15          | ½              | 20                      | 10          | 10*          | 57   | <b>167 689 101</b> | 0.906          |
| 25        | 20         | 20         | 15          | ¾              | 25                      | 10          | 10*          | 89   | <b>167 689 103</b> | 0.981          |
| 25        | 25         | 20         | 20          | ¾              | 25                      | 10          | 10*          | 118  | <b>167 689 104</b> | 0.982          |
| 32        | 20         | 25         | 15          | 1              | 25                      | 10          | 10*          | 80   | <b>167 689 107</b> | 1.008          |
| 32        | 25         | 25         | 20          | 1              | 25                      | 10          | 10*          | 105  | <b>167 689 108</b> | 1.010          |
| 32        | 32         | 25         | 25          | 1              | 32                      | 10          | 10*          | 231  | <b>167 689 109</b> | 1.741          |
| 40        | 20         | 32         | 15          | 1 ¼            | 32                      | 10          | 10*          | 85   | <b>167 689 112</b> | 1.768          |
| 50        | 20         | 40         | 15          | 1 ½            | 25                      | 10          | 10*          | 86   | <b>167 689 118</b> | 1.068          |
| 50        | 25         | 40         | 20          | 1 ½            | 32                      | 10          | 10*          | 160  | <b>167 689 119</b> | 1.814          |
| 50        | 32         | 40         | 25          | 1 ½            | 32                      | 10          | 10*          | 206  | <b>167 689 120</b> | 1.816          |
| 63        | 20         | 50         | 15          | 2              | 25                      | 10          | 10*          | 84   | <b>167 689 125</b> | 1.107          |
| 63        | 25         | 50         | 20          | 2              | 32                      | 10          | 10*          | 150  | <b>167 689 126</b> | 1.857          |
| 63        | 32         | 50         | 25          | 2              | 32                      | 10          | 10*          | 184  | <b>167 689 127</b> | 1.860          |

| d<br>(mm) | PTFE/<br>EPDM*<br>Code | Weight<br>(kg) |
|-----------|------------------------|----------------|
| 20        | <b>167 689 301</b>     | 0.916          |
| 25        | <b>167 689 303</b>     | 0.992          |
| 25        | <b>167 689 304</b>     | 0.993          |
| 32        | <b>167 689 307</b>     | 1.019          |
| 32        | <b>167 689 308</b>     | 1.021          |
| 32        | <b>167 689 309</b>     | 1.761          |
| 40        | <b>167 689 312</b>     | 1.788          |
| 50        | <b>167 689 318</b>     | 1.079          |
| 50        | <b>167 689 319</b>     | 1.834          |
| 50        | <b>167 689 320</b>     | 1.836          |
| 63        | <b>167 689 325</b>     | 1.119          |
| 63        | <b>167 689 326</b>     | 1.877          |
| 63        | <b>167 689 327</b>     | 1.880          |

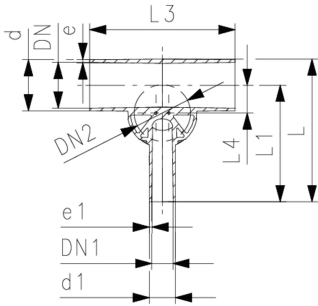
| d<br>(mm) | D<br>(mm) | D1<br>(inch) | H<br>(mm) | H3<br>(mm) | H4<br>(mm) | H5<br>(mm) | L<br>(mm) | L1<br>(mm) | L3<br>(mm) | L4<br>(mm) | e<br>(mm) | Lift =<br>Hx<br>(mm) | DN2<br>(mm) | e1<br>(mm) |
|-----------|-----------|--------------|-----------|------------|------------|------------|-----------|------------|------------|------------|-----------|----------------------|-------------|------------|
| 20        | 96        | ¾            | 130       | 71         | 25         | 16         | 117       | 96         | 162        | 12         | 1.9       | 7                    | 15          | 1.9        |
| 25        | 96        | ¾            | 131       | 72         | 25         | 16         | 133       | 108        | 162        | 16         | 2.3       | 10                   | 20          | 1.9        |
| 25        | 96        | ¾            | 131       | 72         | 25         | 16         | 133       | 108        | 162        | 16         | 2.3       | 10                   | 20          | 2.3        |
| 32        | 96        | ¾            | 135       | 76         | 25         | 16         | 142       | 120        | 162        | 19         | 2.9       | 10                   | 20          | 1.9        |
| 32        | 96        | ¾            | 135       | 76         | 25         | 16         | 142       | 120        | 162        | 19         | 2.9       | 10                   | 20          | 2.3        |
| 32        | 120       | ¾            | 167       | 93         | 26         | 26         | 145       | 120        | 160        | 19         | 2.9       | 13                   | 25          | 2.9        |

# Data sheet

valid from: 7/18/23



| d<br>(mm) | D<br>(mm) | D1<br>(inch) | H<br>(mm) | H3<br>(mm) | H4<br>(mm) | H5<br>(mm) | L<br>(mm) | L1<br>(mm) | L3<br>(mm) | L4<br>(mm) | e<br>(mm) | Lift =<br>Hx<br>(mm) | DN2<br>(mm) | e1<br>(mm) |
|-----------|-----------|--------------|-----------|------------|------------|------------|-----------|------------|------------|------------|-----------|----------------------|-------------|------------|
| 40        | 120       | 1/8          | 175       | 101        | 26         | 26         | 149       | 128        | 180        | 23         | 3.7       | 13                   | 25          | 1.9        |
| 50        | 96        | 1/8          | 148       | 90         | 25         | 16         | 160       | 134        | 180        | 27         | 4.6       | 10                   | 20          | 1.9        |
| 50        | 120       | 1/8          | 180       | 106        | 26         | 26         | 160       | 134        | 180        | 28         | 4.6       | 13                   | 25          | 2.3        |
| 50        | 120       | 1/8          | 180       | 106        | 26         | 26         | 160       | 134        | 180        | 28         | 4.6       | 13                   | 25          | 2.9        |
| 63        | 96        | 1/8          | 155       | 96         | 25         | 26         | 177       | 144        | 180        | 33         | 5.8       | 10                   | 20          | 1.9        |
| 63        | 120       | 1/8          | 187       | 113        | 26         | 16         | 177       | 144        | 180        | 35         | 5.8       | 13                   | 25          | 2.3        |
| 63        | 120       | 1/8          | 187       | 113        | 26         | 26         | 177       | 144        | 180        | 35         | 5.8       | 13                   | 25          | 2.9        |



The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/Switzerland Phone +41 -(0)52-631 1111 e-mail: info.ps@georgfischer.com Internet: <http://www.gfps.com>