



**Diaphragm valve type DIASTAR PVC-U**  
**Series 025 FC (Fail safe to close)**  
**With fixed flanges PVC-U metric**

**Model:**

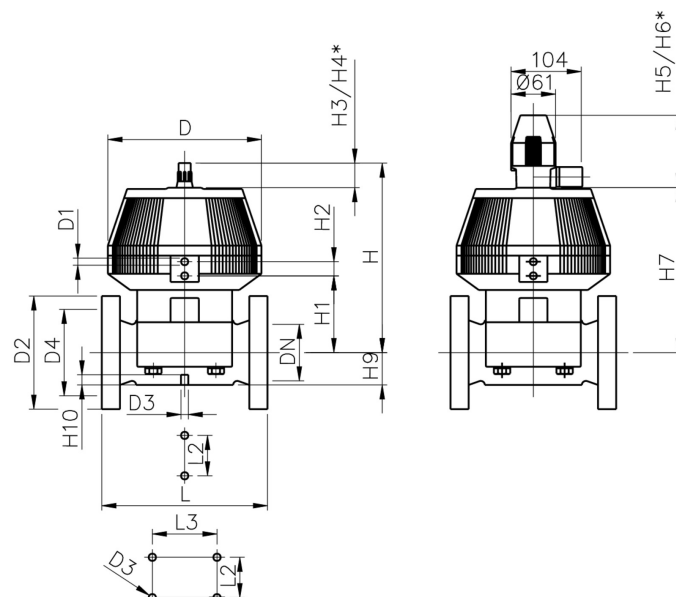
- Connecting dimension: ISO 7005 / EN 1092 / DIN 25 PN10 / BS4504
- With position indicator / Working pressure: **one side**
- \* with backing flanges PVC-U metric
- \*\* DN80, DN100 and DN150 fixed flanges metric and inch ANSI B16.5**
- \*\* Connecting dimensions DN80 and DN150 metric and Inch ANSI B16.5

|    | d<br>(mm) | Size<br>(inch) | DN<br>(mm) | PN<br>(bar) | kv-value<br>( $\Delta p=1$ bar)<br>(l/min) | EPDM<br>Code       | Weight<br>(kg) | PTFE/EPDM<br>Code  | Weight<br>(kg) |
|----|-----------|----------------|------------|-------------|--------------------------------------------|--------------------|----------------|--------------------|----------------|
| *  | 75        | 2 1/2          | 65         | 10          | 992                                        | <b>199 025 127</b> | 13.730         | <b>199 025 157</b> | 15.115         |
| ** | 90        | 3              | 80         | 10          | 1700                                       | <b>199 025 128</b> | 17.400         | <b>199 025 158</b> | 17.604         |
| ** | 110       | 4              | 100        | 6           | 2700                                       | <b>199 025 129</b> | 7.963          | <b>199 025 159</b> | 27.748         |
| ** | 160       | 6              | 150        | 6           | 6033                                       | <b>199 025 130</b> | 35.000         |                    |                |

|    | d<br>(mm) | FKM<br>Code        | PF           |
|----|-----------|--------------------|--------------|
| *  | 75        |                    |              |
| ** | 90        | <b>199 025 068</b> | 3 39 212 014 |
| ** | 110       | <b>199 025 069</b> | 3 39 212 060 |
| ** | 160       | <b>199 025 070</b> | 3 39 212 014 |

|    | d<br>(mm) | D<br>(mm) | D1_G<br>(inch) | D2<br>(mm) | D3[M]<br>(mm) | D4<br>(mm) | H<br>(mm) | H1<br>(mm) | H2<br>(mm) | H3<br>(mm) | H4<br>(mm) | H5<br>(mm) | H6<br>(mm) | H7<br>(mm) | H9<br>(mm) |
|----|-----------|-----------|----------------|------------|---------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| *  | 75        | 280       | 1/4            | 185        | 8             | 145        | 344       | 148        | 24         | 46         | 100        | 129        | 195        | 298        | 46         |
| ** | 90        | 280       | 1/4            | 200        | 12            | 160        | 348       | 150        | 24         | 46         | 100        | 129        | 195        | 302        | 57         |
| ** | 110       | 335       | 1/4            | 225        | 12            | 180        | 395       | 176        | 24         | 46         | 100        | 129        | 195        | 349        | 69         |
| ** | 160       | 335       | 1/4            | 285        | 12            | 240        | 455       | 237        | 24         | 46         | 100        | 129        | 195        | 409        | 108        |

|    | d<br>(mm) | H10<br>(mm) | L<br>(mm) | L2<br>(mm) | L3<br>(mm) |
|----|-----------|-------------|-----------|------------|------------|
| *  | 75        | 15          | 290       | 70         |            |
| ** | 90        | 15          | 310       | 120        |            |
| ** | 110       | 20          | 350       | 120        |            |
| ** | 160       | 20          | 480       | 100        | 200        |



# Data sheet

valid from: 8/20/21

---



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](mailto:info.ps@georgfischer.com)

Internet: <http://www.gfps.com>