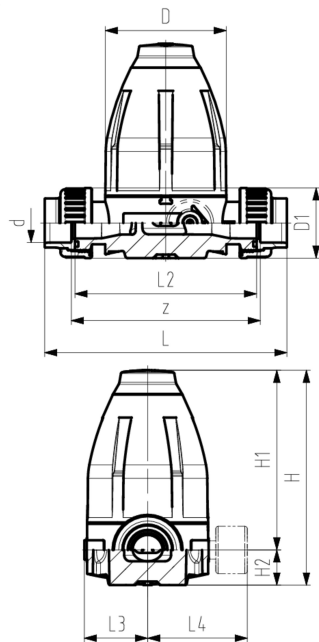


**Pressure reducing valve type 582 PVC-U**  
**Unions with solvent cement sockets metric**  
**With manometer**

**Model:**

- Diaphragm PTFE/EPDM
  - Integrated stainless steel mounting inserts
  - 0.5-9.0 bar (7-130 psi)
  - Attention: Manometer with brass connection in direct contact with medium. Check for chemical resistance, otherwise chose the optional manometer adapter for media separation.
- 0.3-3.0 bar (4-44 psi) on request



| d<br>(mm) | DN<br>(mm) | PN<br>(bar) | O-rings<br>EPDM<br>Code | O-rings<br>FKM<br>Code | Weight<br>(kg) | SP | GP |
|-----------|------------|-------------|-------------------------|------------------------|----------------|----|----|
| 16        | 10         | 10          | 161 582 121             | 161 582 131            | 0.724          | 1  | 0  |
| 20        | 15         | 10          | 161 582 122             | 161 582 132            | 0.730          | 1  | 0  |
| 25        | 20         | 10          | 161 582 123             | 161 582 133            | 1.520          | 1  | 0  |
| 32        | 25         | 10          | 161 582 124             | 161 582 134            | 1.550          | 1  | 0  |
| 40        | 32         | 10          | 161 582 125             | 161 582 135            | 4.100          | 1  | 0  |
| 50        | 40         | 10          | 161 582 126             | 161 582 136            | 4.270          | 1  | 0  |
| 63        | 50         | 10          | 161 582 127             | 161 582 137            | 4.500          | 1  | 0  |

| d<br>(mm) | D<br>(mm) | D1<br>(mm) | H<br>(mm) | H1<br>(mm) | H2<br>(mm) | H3<br>(mm) | L<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | L5<br>(mm) | M  | z<br>(mm) | closest inch<br>(inch) |
|-----------|-----------|------------|-----------|------------|------------|------------|-----------|------------|------------|------------|------------|----|-----------|------------------------|
| 16        | 79        | 35         | 132       | 111        | 21         | 12         | 180       | 120        | 42         | 77         | 40         | M6 | 172       | 3/8                    |
| 20        | 79        | 43         | 132       | 111        | 21         | 12         | 158       | 120        | 42         | 77         | 40         | M6 | 126       | 1/2                    |
| 25        | 100       | 51         | 177       | 148        | 29         | 14         | 194       | 150        | 53         | 88         | 46         | M6 | 156       | 3/4                    |
| 32        | 100       | 58         | 177       | 148        | 29         | 14         | 200       | 150        | 53         | 88         | 46         | M6 | 156       | 1                      |
| 40        | 147       | 72         | 251       | 207        | 44         | 21         | 263       | 205        | 76         | 111        | 65         | M8 | 211       | 1 1/4                  |
| 50        | 147       | 83         | 251       | 207        | 44         | 21         | 273       | 205        | 76         | 111        | 65         | M8 | 211       | 1 1/2                  |
| 63        | 147       | 101        | 251       | 207        | 44         | 21         | 287       | 205        | 76         | 111        | 65         | M8 | 211       | 2                      |

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>