



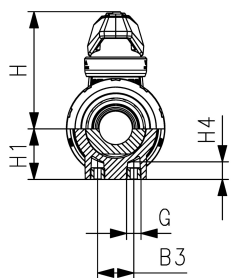
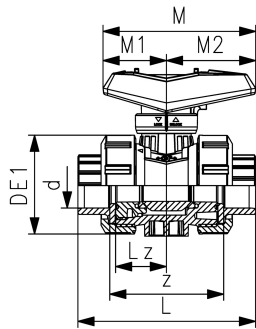
**PVC-U Ball Valve type 546 Pro**  
**With solvent cement sockets PVC-U ASTM**  
**Inclusive 2 threaded valve ends NPT**

**Model:**

- Lockable lever as standard
- Ball seat PTFE
- Integrated stainless steel mounting inserts
- Z-dimension, valve end and union nut **are compatible** with type 546 (1<sup>st</sup> Generation)

**Option:**

- Interface module for position feedback sensor with LED (PNP, NPN and NAMUR)
- Manual spring return lever ("Dead man") (DN10-25)
- Pneumatic or electric actuators from GF
- Individual configuration of the valve possible



| d<br>(mm) | DN<br>(mm) | Size<br>(inch) | PN<br>(bar) | kv-value<br>( $\Delta p=1$ bar)<br>(l/min) | EPDM<br>Code | SP | Weight<br>(kg) | FKM<br>Code | SP | Weight<br>(kg) |
|-----------|------------|----------------|-------------|--------------------------------------------|--------------|----|----------------|-------------|----|----------------|
| 16        | 10         | 3/8            | 16          | 71                                         | 161 546 341  | 1  | 0.157          | 161 546 351 | 1  | 0.184          |
| 20        | 15         | 1/2            | 16          | 185                                        | 161 546 342  | 1  | 0.233          | 161 546 352 | 1  | 0.200          |
| 25        | 20         | 3/4            | 16          | 350                                        | 161 546 343  | 1  | 0.245          | 161 546 353 | 1  | 0.342          |
| 32        | 25         | 1              | 16          | 700                                        | 161 546 344  | 1  | 0.483          | 161 546 354 | 1  | 0.486          |
| 40        | 32         | 1 1/4          | 16          | 1000                                       | 161 546 345  | 1  | 0.796          | 161 546 355 | 1  | 0.740          |
| 50        | 40         | 1 1/2          | 16          | 1600                                       | 161 546 346  | 1  | 1.089          | 161 546 356 | 1  | 0.850          |
| 63        | 50         | 2              | 16          | 3100                                       | 161 546 347  | 1  | 1.922          | 161 546 357 | 1  | 1.934          |
| 75        | 65         | 2 1/2          | 16          | 5000                                       | 161 546 348  | 1  | 4.363          | 161 546 358 | 1  | 4.900          |
| 90        | 80         | 3              | 16          | 7000                                       | 161 546 349  | 1  | 5.376          | 161 546 359 | 1  | 7.400          |
| 110       | 100        | 4              | 16          | 11000                                      | 161 546 350  | 1  | 9.633          | 161 546 360 | 1  | 9.707          |

| d<br>(mm) | B3<br>(mm) | DE1<br>(mm) | G<br>(mm) | H<br>(mm) | H1<br>(mm) | H4<br>(mm) | L<br>(mm) | Lz<br>(mm) | M<br>(mm) | M1<br>(mm) | M2<br>(mm) | z<br>(mm) |
|-----------|------------|-------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|
| 16        | 25         | 50          | M6        | 60.5      | 27         | 12         | 92        | 28         | 82        | 35         | 47         | 64        |
| 20        | 25         | 50          | M6        | 60.5      | 27         | 12         | 95        | 28         | 82        | 35         | 47         | 64        |
| 25        | 25         | 58          | M6        | 74.0      | 30         | 12         | 110       | 33         | 106       | 44         | 62         | 72        |
| 32        | 25         | 68          | M8        | 80.0      | 36         | 12         | 123       | 36         | 106       | 44         | 62         | 79        |
| 40        | 45         | 84          | M8        | 95.0      | 44         | 15         | 146       | 43         | 131       | 57         | 74         | 94        |
| 50        | 45         | 97          | M8        | 101.5     | 51         | 15         | 157       | 45         | 131       | 57         | 74         | 95        |
| 63        | 45         | 124         | M8        | 116.5     | 64         | 15         | 183       | 51         | 152       | 66         | 86         | 107       |
| 75        | 70         | 166         | M8        | 169.0     | 85         | 15         | 233       | 68         | 270       | 64         | 205        | 144       |
| 90        | 70         | 200         | M8        | 180.0     | 105        | 15         | 254       | 71         | 270       | 64         | 205        | 151       |
| 110       | 120        | 238         | M12       | 194.0     | 123        | 22         | 301       | 82         | 326       | 71         | 205        | 174       |

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>