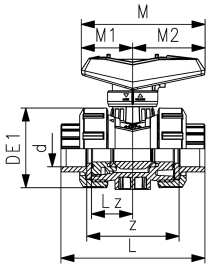
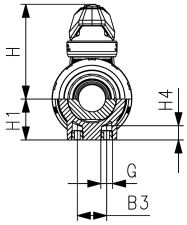
# Data sheet

valid from: 3/27/26






## Ball valve type 546 Pro PVC-C
## With solvent cement sockets metric

**Model:**

- Lockable lever as standard
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are compatible with type 546 (1st 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 valves possible

| d (mm) | DN (mm) | Size (inch) | PN (bar) | kv-value (Δp=1 bar) (l/min) | EPDM Code | SP | Weight (kg) | FKM Code | SP | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 10 | ⅜ | 16 | 70 | **163 546 061** | 1 | 0.160 | **163 546 071** | 1 | 0.160 |
| 20 | 15 | ½ | 16 | 185 | **163 546 062** | 1 | 0.169 | **163 546 072** | 1 | 0.160 |
| 25 | 20 | ¾ | 16 | 350 | **163 546 063** | 1 | 0.255 | **163 546 073** | 1 | 0.245 |
| 32 | 25 | 1 | 16 | 700 | **163 546 064** | 1 | 0.370 | **163 546 074** | 1 | 0.373 |
| 40 | 32 | 1 ¼ | 16 | 1000 | **163 546 065** | 1 | 0.648 | **163 546 075** | 1 | 0.658 |
| 50 | 40 | 1 ½ | 16 | 1600 | **163 546 066** | 1 | 0.894 | **163 546 076** | 1 | 0.890 |
| 63 | 50 | 2 | 16 | 3100 | **163 546 067** | 1 | 1.653 | **163 546 077** | 1 | 1.662 |
| 75 | 65 | 2 ½ | 16 | 5000 | **163 546 068** | 1 | 3.552 | **163 546 078** | 1 | 4.122 |
| 90 | 80 | 3 | 16 | 7000 | **163 546 069** | 1 | 6.646 | **163 546 079** | 1 | 6.698 |
| 110 | 100 | 4 | 16 | 11000 | **163 546 070** | 1 | 9.697 | **163 546 080** | 1 | 12.700 |

| d (mm) | B3 (mm) | DE1 (mm) | G (mm) | H (mm) | H1 (mm) | H4 (mm) | L (mm) | Lz (mm) | M (mm) | M1 (mm) | M2 (mm) | z (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 | M6 | 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 | 120 | 200 | M8 | 180.0 | 105 | 15 | 254 | 71 | 270 | 64 | 205 | 151 |
| 110 | 120 | 238 | M12 | 194.0 | 123 | 22 | 301 | 82 | 326 | 71 | 255 | 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/SwitzerlandPhone +41 -(0)52-631 1111e-mail: info.ps@georgfischer.comInternet: http://www.gfps.com