



**Lug-style end installation butterfly valve type 243 PVC-C**  
**With pneumatic actuator - fail safe to close(FC)**  
**Without manual override**  
**Flange standard metric**

**Model:**

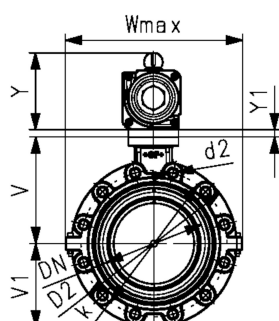
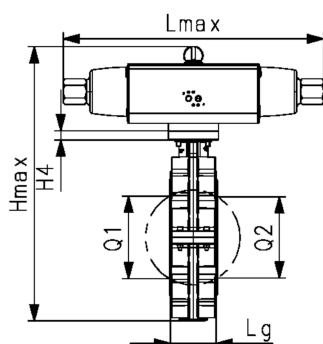
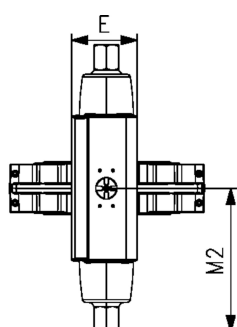
- Housing material: PP-GF30 with SS316 lug-inserts
- Control range 90°<
- Overall length according to EN 558, ISO 5752 (DN50 - 200 line 25, DN250 - 300 line 10)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

**Option:**

- Optional accessory: Valve-Integrated position feedback with limit switches (limit switches have to be ordered separately)

**Note:**

For some material combination (e.g. DN300 valves with PE/PP pipes) special flange adapters are needed. Please check the "Perfect flange connection tool" on [www.gfps.com](http://www.gfps.com)



| d    | Size   | DN   | PN    | kv-value   | EPDM        | SP | Weight | FKM         | SP | Weight |
|------|--------|------|-------|------------|-------------|----|--------|-------------|----|--------|
| (mm) | (inch) | (mm) | (bar) | (Δp=1 bar) | Code        |    | (kg)   | Code        |    | (kg)   |
|      |        |      |       | (l/min)    |             |    |        |             |    |        |
| 63   | 2      | 50   | 10    | 740        | 199 243 162 | 1  | 3.499  | 199 243 182 | 1  | 3.499  |
| 75   | 2 1/2  | 65   | 10    | 1500       | 199 243 163 | 1  | 3.656  | 199 243 183 | 1  | 3.656  |
| 90   | 3      | 80   | 10    | 2400       | 199 243 164 | 1  | 4.692  | 199 243 184 | 1  | 4.692  |
| 110  | 4      | 100  | 10    | 3800       | 199 243 165 | 1  | 6.406  | 199 243 185 | 1  | 6.406  |
| 140  | 5      | 125  | 10    | 8600       | 199 243 166 | 1  | 9.222  | 199 243 186 | 1  | 9.222  |
| 160  | 6      | 150  | 10    | 11400      | 199 243 167 | 1  | 12.902 | 199 243 187 | 1  | 12.902 |
| 225  | 8      | 200  | 10    | 19900      | 199 243 168 | 1  | 16.691 | 199 243 188 | 1  | 16.691 |
| 280  | 10     | 250  | 10    | 34000      | 199 243 169 | 1  | 33.880 | 199 243 189 | 1  | 33.880 |
| 315  | 12     | 300  | 5     | 50000      | 199 243 170 | 1  | 43.985 | 199 243 190 | 1  | 43.985 |

| d    | Hmax  | Lmax  | Wmax | U    | V     | H4   | V1    | Lg    | D2   | Q1   | Q2   | d2   | k    | Y     |
|------|-------|-------|------|------|-------|------|-------|-------|------|------|------|------|------|-------|
| (mm) | (mm)  | (mm)  | (mm) | (mm) | (mm)  | (mm) | (mm)  | (mm)  | (mm) | (mm) | (mm) | (mm) | (mm) | (mm)  |
| 63   | 328.1 | 274.4 | 165  | 90   | 133.3 | 23   | 78.8  | 44.7  | 160  | 40   |      | M16  | 125  | 98.2  |
| 75   | 341.0 | 274.4 | 182  | 90   | 139.9 | 23   | 85.1  | 45.7  | 180  | 54   | 35   | M16  | 145  | 98.2  |
| 90   | 365.7 | 325.2 | 210  | 90   | 145.6 | 23   | 91.2  | 48.7  | 195  | 67   | 50   | M16  | 160  | 111.1 |
| 110  | 388.3 | 359.6 | 240  | 90   | 166.0 | 23   | 107.5 | 55.6  | 226  | 88   | 74   | M16  | 180  | 114.8 |
| 140  | 452.2 | 418.0 | 272  | 90   | 180.0 | 23   | 122.7 | 63.5  | 258  | 113  | 97   | M16  | 210  | 149.5 |
| 160  | 476.6 | 434.0 | 280  | 90   | 189.0 | 23   | 134.5 | 71.5  | 284  | 139  | 123  | M20  | 240  | 153.1 |
| 225  | 532.0 | 498.4 | 360  | 90   | 210.5 | 23   | 161.5 | 72.5  | 341  | 178  | 169  | M20  | 295  | 160.0 |
| 280  | 679.5 | 646.0 | 440  | 125  | 264.4 | 23   | 206.9 | 113.2 | 412  | 210  | 207  | M20  | 350  | 190.0 |
| 315  | 749.0 | 681.0 | 510  | 125  | 285.2 | 23   | 235.5 | 114.6 | 482  | 256  | 253  | M20  | 400  | 210.1 |

| d    | E     | Y1   | M2    |
|------|-------|------|-------|
| (mm) | (mm)  | (mm) | (mm)  |
| 63   | 70.4  | 15.0 | 137.2 |
| 75   | 70.4  | 15.0 | 137.2 |
| 90   | 83.3  | 15.0 | 162.6 |
| 110  | 87.0  |      | 179.8 |
| 140  | 107.5 |      | 209.0 |
| 160  | 111.1 |      | 217.0 |
| 225  | 118.0 |      | 249.2 |
| 280  | 148.0 | 18.2 | 323.0 |
| 315  | 168.0 | 18.2 | 340.5 |

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.

# Data sheet

valid from: 8/27/26



---

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>