



**Lug-style end installation butterfly valve type 578 PVC-C**  
**With gear box**  
**Flange standard metric**

**Model:**

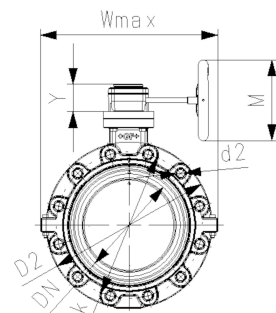
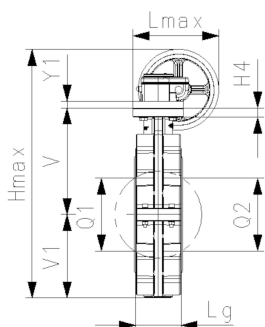
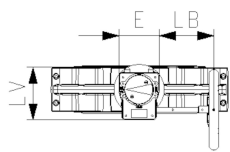
- Housing material: PP-GF30 with SS316 lug-inserts
- Overall length according to EN 558, ISO 5752 (DN50 - 200 line 25, DN250 - 300 line 10)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

**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        | 163 578 042 | 1  | 3.535  | 163 578 062 | 1  | 3.535  |
| 75   | 2 ½    | 65   | 10    | 1500       | 163 578 043 | 1  | 3.698  | 163 578 063 | 1  | 3.698  |
| 90   | 3      | 80   | 10    | 2400       | 163 578 044 | 1  | 3.929  | 163 578 064 | 1  | 3.929  |
| 110  | 4      | 100  | 10    | 3800       | 163 578 045 | 1  | 4.834  | 163 578 065 | 1  | 4.834  |
| 140  | 5      | 125  | 10    | 8600       | 163 578 046 | 1  | 6.348  | 163 578 066 | 1  | 6.348  |
| 160  | 6      | 150  | 10    | 11400      | 163 578 047 | 1  | 8.109  | 163 578 067 | 1  | 8.109  |
| 225  | 8      | 200  | 10    | 19900      | 163 578 048 | 1  | 9.353  | 163 578 068 | 1  | 9.353  |
| 280  | 10     | 250  | 10    | 34000      | 163 578 049 | 1  | 21.210 | 163 578 069 | 1  | 21.210 |
| 315  | 12     | 300  | 10    | 50000      | 163 578 050 | 1  | 27.746 | 163 578 070 | 1  | 27.746 |

| 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   | 319.4 | 169.1 | 263.5 | 90   | 133.3 | 23   | 78.8  | 44.7  | 160  | 40   |      | M16  | 125  | 61.2 |
| 75   | 332.3 | 169.1 | 272.0 | 90   | 139.9 | 23   | 85.1  | 45.7  | 180  | 54   | 35   | M16  | 145  | 61.2 |
| 90   | 344.1 | 169.1 | 286.0 | 90   | 145.6 | 23   | 91.2  | 48.7  | 195  | 67   | 50   | M16  | 160  | 61.2 |
| 110  | 380.8 | 169.1 | 301.0 | 90   | 166.0 | 23   | 107.5 | 55.6  | 226  | 88   | 74   | M16  | 180  | 61.2 |
| 140  | 410.0 | 169.1 | 317.0 | 90   | 180.0 | 23   | 122.7 | 63.5  | 258  | 113  | 97   | M16  | 210  | 61.2 |
| 160  | 430.8 | 169.1 | 321.0 | 90   | 189.0 | 23   | 134.5 | 71.5  | 284  | 139  | 123  | M20  | 240  | 61.2 |
| 225  | 479.3 | 169.1 | 360.0 | 90   | 210.5 | 23   | 161.5 | 72.5  | 341  | 178  | 169  | M20  | 295  | 61.2 |
| 280  | 615.6 | 212.6 | 440.0 | 125  | 264.4 | 23   | 206.9 | 113.2 | 412  | 210  | 207  | M20  | 350  | 68.4 |
| 315  | 665.0 | 212.6 | 510.0 | 125  | 285.2 | 23   | 235.5 | 114.6 | 482  | 256  | 253  | M20  | 400  | 68.4 |

| d    | E    | Y1   | M    | LV    | LB    |
|------|------|------|------|-------|-------|
| (mm) | (mm) | (mm) | (mm) | (mm)  | (mm)  |
| 63   | 80   |      | 160  | 112.3 | 129.5 |
| 75   | 80   |      | 160  | 112.3 | 129.5 |
| 90   | 80   |      | 160  | 112.3 | 129.5 |
| 110  | 80   |      | 160  | 112.3 | 129.5 |
| 140  | 80   |      | 160  | 112.3 | 129.5 |
| 160  | 80   |      | 160  | 112.3 | 129.5 |
| 225  | 80   |      | 160  | 112.3 | 129.5 |
| 280  | 100  | 17.0 | 200  | 130.0 | 134.0 |
| 315  | 100  | 17.0 | 200  | 130.0 | 134.0 |

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: 3/27/26



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