



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

**Model:**

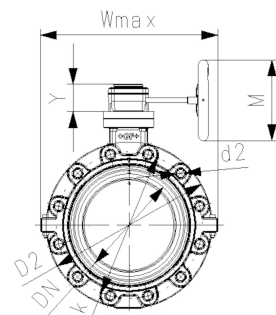
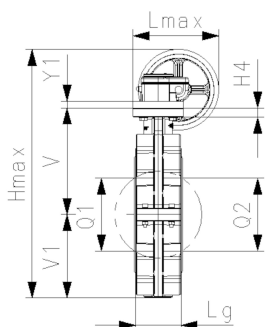
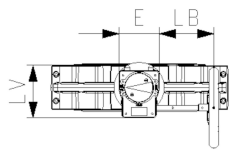
- Housing material: PP-GF30 with SS316 lug-inserts
- Overall length according to EN 558, ISO 5752 (DN50 - 200 line 25, DN250 - 300 line 10)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

**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<br>(mm) | Size<br>(inch) | DN<br>(mm) | PN<br>(bar) | kv-value<br>( $\Delta p=1$ bar)<br>(l/min) | FKM<br>Code | Weight<br>(kg) | PTFE<br>Code |
|-----------|----------------|------------|-------------|--------------------------------------------|-------------|----------------|--------------|
| 63        | 2              | 50         | 10          | 740                                        | 175 578 022 | 3.562          | 175 578 222  |
| 75        | 2 1/2          | 65         | 10          | 1500                                       | 175 578 023 | 3.721          | 175 578 223  |
| 90        | 3              | 80         | 10          | 2400                                       | 175 578 024 | 3.929          | 175 578 224  |
| 110       | 4              | 100        | 10          | 3800                                       | 175 578 025 | 4.834          | 175 578 225  |
| 140       | 5              | 125        | 10          | 8600                                       | 175 578 026 | 6.348          | 175 578 226  |
| 160       | 6              | 150        | 10          | 11400                                      | 175 578 027 | 8.109          | 175 578 227  |
| 225       | 8              | 200        | 10          | 19900                                      | 175 578 028 | 9.353          | 175 578 228  |
| 280       | 10             | 250        | 10          | 34000                                      | 175 578 029 | 21.210         | 175 578 229  |
| 315       | 12             | 300        | 10          | 50000                                      | 175 578 030 | 27.746         | 175 578 230  |

| d<br>(mm) | Hmax<br>(mm) | Lmax<br>(mm) | Wmax<br>(mm) | U<br>(mm) | V<br>(mm) | H4<br>(mm) | V1<br>(mm) | Lg<br>(mm) | D2<br>(mm) | Q1<br>(mm) | Q2<br>(mm) | d2<br>(mm) | k<br>(mm) | Y<br>(mm) |
|-----------|--------------|--------------|--------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|
| 63        | 319.40       | 169.1        | 263.5        | 90        | 133.3     | 23         | 78.8       | 44.7       | 160        | 40         |            | M16        | 125       | 61.2      |
| 75        | 332.30       | 169.1        | 272.0        | 90        | 139.9     | 23         | 85.1       | 45.7       | 180        | 54         | 35         | M16        | 145       | 61.2      |
| 90        | 344.10       | 169.1        | 286.0        | 90        | 145.6     | 23         | 91.2       | 48.7       | 195        | 67         | 50         | M16        | 160       | 61.2      |
| 110       | 380.80       | 169.1        | 301.0        | 90        | 166.0     | 23         | 107.5      | 55.6       | 226        | 88         | 74         | M16        | 180       | 61.2      |
| 140       | 410.00       | 169.1        | 317.0        | 90        | 180.0     | 23         | 122.7      | 63.5       | 258        | 113        | 97         | M16        | 210       | 61.2      |
| 160       | 430.80       | 169.1        | 321.0        | 90        | 189.0     | 23         | 134.5      | 71.5       | 284        | 139        | 123        | M20        | 240       | 61.2      |
| 225       | 479.30       | 169.1        | 360.0        | 90        | 210.5     | 23         | 161.5      | 72.5       | 341        | 178        | 169        | M20        | 295       | 61.2      |
| 280       | 615.60       | 212.6        | 440.0        | 125       | 264.4     | 23         | 206.9      | 113.2      | 412        | 210        | 207        | M20        | 350       | 68.4      |
| 315       | 665.00       | 212.6        | 510.0        | 125       | 285.2     | 23         | 235.5      | 114.6      | 482        | 256        | 253        | M20        | 400       | 68.4      |

| d<br>(mm) | E<br>(mm) | Y1<br>(mm) | M<br>(mm) | LV<br>(mm) | LB<br>(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         | 200       | 130.0      | 134.0      |
| 315       | 100       | 17         | 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: 9/25/26



---

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>