



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

**Model:**

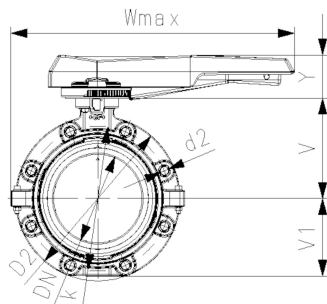
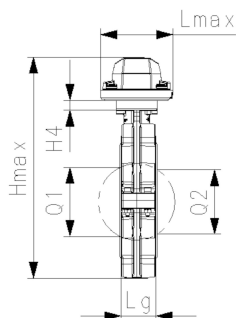
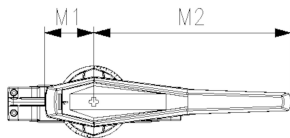
- Housing material: PP-GF30 with SS316 lug-inserts
- Overall length according to EN 558, ISO 5752 (DN50 - 200 line 25, DN250 - 300 line 10)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10
- We recommend for the dimensions DN250 and DN300 only 6 bar maximum system pressure for the hand lever version

**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                                        | <b>175 578 002</b> | 1.800          | <b>175 578 202</b> |
| 75        | 2 1/2          | 65         | 10          | 1500                                       | <b>175 578 003</b> | 1.895          | <b>175 578 203</b> |
| 90        | 3              | 80         | 10          | 2400                                       | <b>175 578 004</b> | 2.251          | <b>175 578 204</b> |
| 110       | 4              | 100        | 10          | 3800                                       | <b>175 578 005</b> | 3.146          | <b>175 578 205</b> |
| 140       | 5              | 125        | 10          | 8600                                       | <b>175 578 006</b> | 4.660          | <b>175 578 206</b> |
| 160       | 6              | 150        | 10          | 11400                                      | <b>175 578 007</b> | 6.430          | <b>175 578 207</b> |
| 225       | 8              | 200        | 10          | 19900                                      | <b>175 578 008</b> | 8.625          | <b>175 578 208</b> |
| 280       | 10             | 250        | 6           | 34000                                      | <b>175 578 009</b> | 19.528         | <b>175 578 209</b> |
| 315       | 12             | 300        | 6           | 50000                                      | <b>175 578 010</b> | 26.106         | <b>175 578 210</b> |

| 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        | 278.9        | 115.2        | 287.8        | 90        | 133.3     | 23         | 78.8       | 44.7       | 160        | 40         |            | M16        | 125       | 66.8      |
| 75        | 291.8        | 115.2        | 296.3        | 90        | 139.9     | 23         | 85.1       | 45.7       | 180        | 54         | 35         | M16        | 145       | 66.8      |
| 90        | 303.6        | 115.2        | 310.3        | 90        | 145.6     | 23         | 91.2       | 48.7       | 195        | 67         | 50         | M16        | 160       | 66.8      |
| 110       | 343.6        | 115.2        | 375.2        | 90        | 166.0     | 23         | 107.5      | 55.6       | 226        | 88         | 74         | M16        | 180       | 70.1      |
| 140       | 372.8        | 115.2        | 391.2        | 90        | 180.0     | 23         | 122.7      | 63.5       | 258        | 113        | 97         | M16        | 210       | 70.1      |
| 160       | 393.6        | 115.2        | 395.2        | 90        | 189.0     | 23         | 134.5      | 71.5       | 284        | 139        | 123        | M20        | 240       | 70.1      |
| 225       | 458.1        | 149.4        | 588.4        | 90        | 210.5     | 23         | 161.5      | 72.5       | 341        | 178        | 169        | M20        | 295       | 86.1      |
| 280       | 557.6        | 149.4        | 628.1        | 125       | 264.4     | 23         | 206.9      | 113.2      | 412        | 210        | 207        | M20        | 350       | 86.3      |
| 315       | 607.0        | 149.4        | 663.1        | 125       | 285.2     | 23         | 235.5      | 114.6      | 482        | 256        | 253        | M20        | 400       | 86.3      |

| d<br>(mm) | M1<br>(mm) | M2<br>(mm) |
|-----------|------------|------------|
| 63        | 63.7       | 205.3      |
| 75        | 63.7       | 205.3      |
| 90        | 63.7       | 205.3      |
| 110       | 63.7       | 255.2      |
| 140       | 63.7       | 255.2      |
| 160       | 63.7       | 255.2      |
| 225       | 101.7      | 408.4      |
| 280       | 101.7      | 408.1      |
| 315       | 101.7      | 408.1      |

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: 2/7/25



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