



**SYGEF Standard Wafer-style intermediate installation butterfly valve type 567**  
**With gear box**  
**Flange standard metric/ANSI/BS/JIS**

**Model:**

- Material: PVDF
- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, ANSI/ASME B 16.5 Class 150, BS 1560: 1989, BS 4504, JIS B 2220

**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            | FKM         | Weight | PTFE        | Weight |
|------|--------|------|-------|---------------------|-------------|--------|-------------|--------|
| (mm) | (inch) | (mm) | (bar) | ( $\Delta p=1$ bar) | Code        | (kg)   | Code        | (kg)   |
|      |        |      |       | (L/min)             |             |        |             |        |
| 63   | 2      | 50   | 10    | 740                 | 175 567 022 | 3.118  | 175 567 222 | 3.118  |
| 75   | 2 ½    | 65   | 10    | 1500                | 175 567 023 | 3.230  | 175 567 223 | 3.230  |
| 90   | 3      | 80   | 10    | 2400                | 175 567 024 | 3.410  | 175 567 224 | 3.534  |
| 110  | 4      | 100  | 10    | 3800                | 175 567 025 | 4.062  | 175 567 225 | 4.062  |
| 140  | 5      | 125  | 10    | 8600                | 175 567 026 | 4.657  | 175 567 226 | 4.657  |
| 160  | 6      | 150  | 10    | 11400               | 175 567 027 | 5.974  | 175 567 227 | 5.877  |
| 225  | 8      | 200  | 10    | 19900               | 175 567 028 | 7.797  | 175 567 228 | 7.810  |
| 280  | 10     | 250  | 10    | 34000               | 175 567 029 | 15.441 | 175 567 229 | 15.410 |
| 315  | 12     | 300  | 10    | 50000               | 175 567 030 | 20.763 | 175 567 230 | 36.000 |

| d    | Hmax  | Lmax  | Wmax  | U    | V     | H4   | V1    | Lg   | D2   | Q1   | Q2   | Y    | Y1   | E    |
|------|-------|-------|-------|------|-------|------|-------|------|------|------|------|------|------|------|
| (mm) | (mm)  | (mm)  | (mm)  | (mm) | (mm)  | (mm) | (mm)  | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| 63   | 319.4 | 169.1 | 240.2 | 90   | 133.3 | 23   | 78.8  | 45   | 104  | 40   |      | 61.2 |      | 80   |
| 75   | 332.3 | 169.1 | 247.3 | 90   | 139.9 | 23   | 85.1  | 46   | 115  | 54   | 35   | 61.2 |      | 80   |
| 90   | 344.1 | 169.1 | 249.4 | 90   | 145.6 | 23   | 91.2  | 49   | 131  | 67   | 50   | 61.2 |      | 80   |
| 110  | 379.4 | 169.1 | 261.5 | 90   | 166.4 | 23   | 105.7 | 56   | 161  | 88   | 74   | 61.2 |      | 80   |
| 140  | 406.1 | 169.1 | 274.5 | 90   | 180.0 | 23   | 118.8 | 64   | 187  | 113  | 97   | 61.2 |      | 80   |
| 160  | 427.2 | 169.1 | 288.5 | 90   | 189.0 | 23   | 130.9 | 72   | 215  | 139  | 123  | 61.2 |      | 80   |
| 225  | 476.1 | 169.1 | 267.0 | 90   | 210.5 | 23   | 158.3 | 73   | 267  | 178  | 169  | 61.2 |      | 80   |
| 280  | 613.0 | 212.6 | 329.0 | 125  | 262.6 | 23   | 206.1 | 113  | 329  | 210  | 207  | 68.4 | 17.0 | 100  |
| 315  | 657.4 | 212.6 | 380.4 | 125  | 284.3 | 23   | 228.8 | 113  | 379  | 256  | 253  | 68.4 | 17.0 | 100  |

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

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