

# Lug Butterfly Valve

Lever Operated

## Model: SD-16BVLL

The SD-16BVLL butterfly valve designed in accordance with BS EN 593. A quarter turn rotary motion wafer style valve that is used to stop, regulate and start to flow with less pressure loss. Applicable for water supply, drainage and HVAC application.



## Product Specifications:

|                     |  |
|---------------------|--|
| Working Pressure    | PN16   |
| Working Temperature | -10°C - 120°C                                    |
| Flange & Drilling   | BS EN 1092-2 PN16                                |
| Top Flange          | ISO 5211   |
| Approvals/Listings  | <b>WRAS</b><br>Water Regulations Advisory Scheme |

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## Product Dimensions:

### Ductile Iron Lug Butterfly Valve - Lever Operated

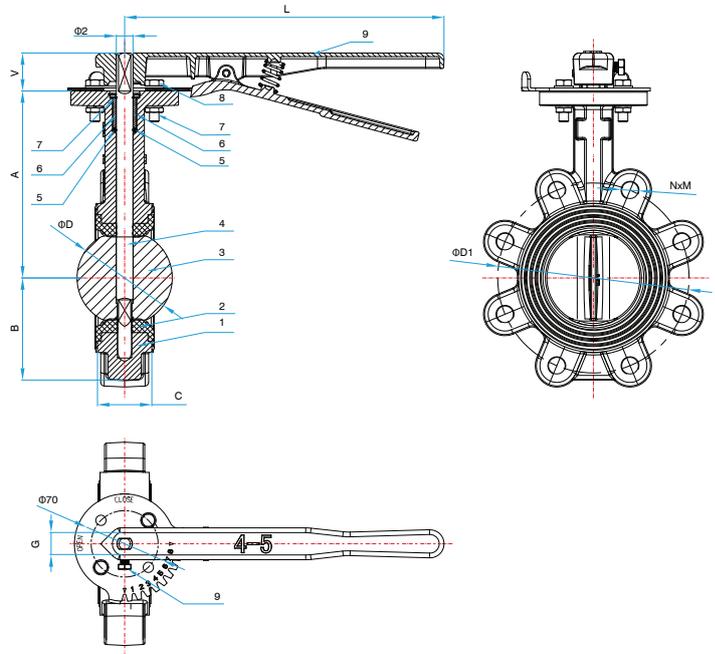
| DN  | A     | B     | C    | ΦD    | ΦD1 | V  | Φ2 | NxM   | G     | L   |
|-----|-------|-------|------|-------|-----|----|----|-------|-------|-----|
| 50  | 140.5 | 64.5  | 43.0 | 53.9  | 125 | 32 | 14 | 4xM16 | 9.53  | 267 |
| 65  | 153.0 | 72.0  | 4.0  | 65.2  | 145 | 32 | 14 | 4xM16 | 9.53  | 267 |
| 80  | 157.5 | 86.0  | 46.0 | 79.7  | 160 | 32 | 14 | 8xM16 | 9.53  | 267 |
| 100 | 176.0 | 100.0 | 52.0 | 105.0 | 180 | 32 | 16 | 8xM16 | 11.14 | 267 |
| 125 | 191.0 | 112.0 | 56.0 | 130.0 | 210 | 32 | 16 | 8xM16 | 11.14 | 267 |
| 150 | 202.5 | 128.0 | 56.0 | 156.0 | 240 | 32 | 20 | 8xM20 | 12.7  | 267 |

**NOTE:**

- ▶ Dimensions are in mm
- ▶ PN25 rated valves are also available upon request.

### Drawing Specification

| No. | Part     | Material                             |
|-----|----------|--------------------------------------|
| 1   | Body     | Ductile Iron                         |
| 2   | Seat     | EPDM                                 |
| 3   | Disc     | Stainless Steel 304/Aluminium Bronze |
| 4   | Stem     | Stainless Steel 420                  |
| 5   | O Ring   | NBR                                  |
| 6   | Bushing  | Nylon 1010                           |
| 7   | Hex Nut  | Stainless Steel 316                  |
| 8   | Hex Bolt | Stainless Steel 316                  |
| 9   | Lever    | Ductile Iron                         |



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## Miscellaneous Data:

### 1. Ordering Information

Example: SD-16BVLL-50

- SD-16BVLL is the part number
- (50) Size

### 2. Contact Information

For further information on any aspect of the SHIELD Valves products please contact below:

| MIDDLE EAST & AFRICA  | UNITED KINGDOM   |
|---|--|
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