

## Wafer Butterfly Valve

**FIG. 2302**

### Specifications

- Meet or exceed the requirements of EN593, AS4795.1 and API STD 609.
- Replaceable liner.
- 2 shafts.
- Mounting Flange in accordance with ISO 5211.
- Face to face dimensions comply with EN558 Series 20, ASME B16.10.
- Suitable Connection Flange with EN1092 PN10/16, ASME B16.1 Class 125 and AS2129 Table D/E.
- Rated Working Pressure 16 bar/250 psi.
- WRAS Approved.
- Certificated to ANSI / NSF 61 & 372.

### Material Specification

| Part      | Material        | EN Specification      | ASTM Specification  |
|-----------|-----------------|-----------------------|---------------------|
| Body      | Ductile Iron    | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Shaft     | Stainless Steel | EN 10088 X20Cr13      | A276 Type 420       |
| Disc      | Stainless Steel | EN 10088 X5CrNi18-10  | A351 Grade CF8      |
|           | Bronze          | EN 1982 CuSn5Zn5Pb5   | B62 C83600          |
|           | Ductile Iron    | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Liner     | Rubber EPDM     | EN 681                | D2000               |
| Bushing   | PTFE            | Commercial            | Commercial          |
| Seal Ring | Rubber NBR      | EN 681 BUNA-N         | D2000               |

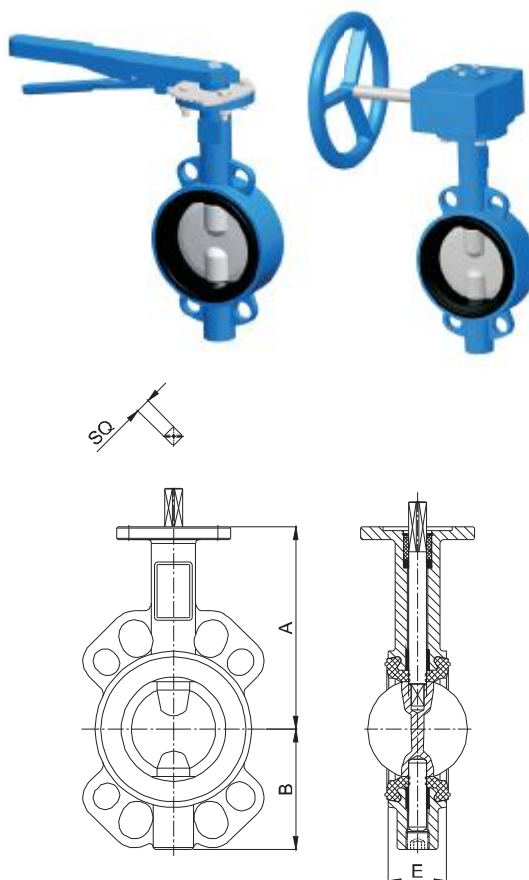
### Options

- Grey Cast Iron Body.
- Vulcanized liner available.
- 304/316 Stainless Steel Shaft.
- Gear Operator or Handle Operated.
- Built-in Temper Switch of Gear Operator.
- With two Switches.

### Corrosion Protection

- Fusion Bonded Coating or Liquid Painting Interior and Exterior.

### Schematic



### Main Dimensions (mm/inch)

| Size            | 50/2              | 65/2.5   | 80/3     | 100/4             | 125/5    | 150/6             | 200/8    | 250/10            | 300/12    |
|-----------------|-------------------|----------|----------|-------------------|----------|-------------------|----------|-------------------|-----------|
| A               | 140/5.51          | 155/6.10 | 160/6.30 | 180/7.09          | 190/7.48 | 225/8.86          | 240/9.45 | 275/10.83         | 315/12.40 |
| B               | 80/3.15           | 90/3.54  | 95/3.74  | 115/4.53          | 130/5.12 | 140/5.51          | 175/6.89 | 200/7.87          | 235/9.25  |
| E               | 43/1.69           | 46/1.81  | 46/1.81  | 52/2.05           | 56/2.20  | 56/2.20           | 60/2.36  | 68/2.68           | 78/3.06   |
| SQ              | 11x11 (0.43x0.43) |          |          | 14x14 (0.55x0.55) |          | 17x17 (0.67x0.67) |          | 22x22 (0.87x0.87) |           |
| Mounting Flange | F07               |          |          |                   |          |                   | F10      |                   |           |

### Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

## Wafer Butterfly Valve

FIG. 2302

### Specifications

- Meet or exceed the requirements of EN593, AS4795.1 and API STD 609.
- Vulcanized liner.
- One-piece shaft extending completely through the disc.
- Gear Operator for DN350 and larger sizes.
- Mounting Flange in accordance with ISO 5211.
- Face to face dimensions comply with EN558 Series 20, ASME B16.10.
- Suitable Connection Flange with EN1092 PN10/16, ASME B16.1 Class 125 and AS2129 Table D/E.
- Rated Working Pressure 16 bar/250 psi.
- Certificated to ANSI / NSF 61 & 372.

### Corrosion Protection

- Fusion Bonded Coating or Liquid Painting Interior and Exterior.

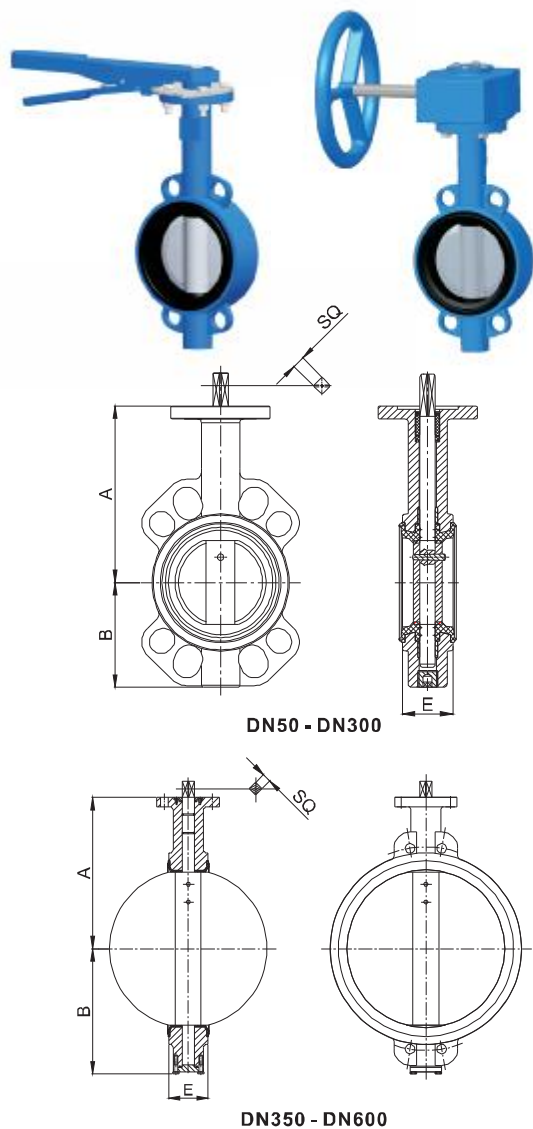
### Material Specification

| Part          | Material        | EN Specification      | ASTM Specification  |
|---------------|-----------------|-----------------------|---------------------|
| Body          | Ductile Iron    | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Liner         | Rubber EPDM     | EN 681                | D2000               |
| Disc          | Stainless Steel | EN 10088 X5CrNi18-10  | A351 Grade CF8      |
|               | Bronze          | EN 1982 CuSn5Zn5Pb5   | B62 C83600          |
|               | Ductile Iron    | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Shaft         | Stainless Steel | EN 10088 X17CrNi 16-2 | A276 Type 431       |
| Shaft Bushing | Brass           | EN 12165 CuZn39Pb1    | B124 C37700         |
| Seal Ring     | Rubber NBR      | EN 681 BUNA-N         | D2000               |
| Seal Bushing  | PTFE            | Commercial            | Commercial          |

### Options

- 25 bar/300 psi available.
- Grey Cast Iron Body for sizes DN300 and smaller at 16 bar.
- Gear Operator or Handle Operated for sizes DN300 and smaller.

### Schematic



### Main Dimensions (mm)

| DN              | 50    | 65  | 80  | 100   | 125 | 150   | 200 | 250   | 300 | 350 | 400   | 450 | 500    | 600 |
|-----------------|-------|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|--------|-----|
| A               | 140   | 155 | 160 | 180   | 190 | 225   | 240 | 275   | 315 | 370 | 400   | 425 | 480    | 565 |
| B               | 80    | 90  | 95  | 115   | 130 | 140   | 175 | 200   | 235 | 290 | 315   | 340 | 390    | 450 |
| E               | 43    | 46  | 46  | 52    | 56  | 56    | 60  | 68    | 78  | 78  | 88    | 109 | 127    | 154 |
| SQ              | 11x11 |     |     | 14x14 |     | 17x17 |     | 22x22 |     |     | 27X27 |     | Dia.48 |     |
| Mounting Flange | F07   |     |     |       |     |       | F10 |       |     | F12 | F14   |     | F16    |     |

#### Notes

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