

## EN 593 Center Line Butterfly Valve

### Specification

- Meet or exceed the requirements of EN593
- Centerline type
- Rubber seat liner bonded on the body
- Splined drive
- Mounting flange in accordance with ISO 5211
- Flange and drilling complies with EN1092 PN10/16
- Operated with gear operator

### Working Pressure and Temperature

- 16bar rated at -10°C to 120°C for EPDM liner
- 16bar rated at -10°C to 82°C for BUNA-N liner

### Corrosion Protection

- Fusion bonded coating or liquid painting interior and exterior

### Options

- WRAS approved fusion bonded coating or liquid painting and rubber seat
- BUNA-N bonded body seat

### Material Specifications

| Part           | Material        | EN Specification               |
|----------------|-----------------|--------------------------------|
| Body           | Ductile Iron    | EN 1563, GJS-450-10            |
| Body Seat      | Rubber          | EN 681 EPDM                    |
| Shaft          | Stainless Steel | EN 10088, X20Cr13 (1.4021)     |
| Disc           | Ductile Iron    | EN 1563, GJS-450-10            |
| Shaft Bush     | Brass           | EN 12168, CuZn39Pb3(CW614N)    |
| Shaft Sealing  | O-Ring          | EN 681, BUNA-N                 |
| Shaft Retainer | Stainless Steel | EN 10088, X5CrNi18-10 (1.4301) |
| Bottom Plate   | Ductile Iron    | EN 1563, GJS-450-10            |

### Dimensions(mm)

| Size            | 350  | 400 | 450 | 500 | 600 | 700 | 750 | 800 | 900 |
|-----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| L               | 2122 | 78  | 102 | 114 | 127 | 154 | 165 | 190 | 203 |
|                 | 2123 | 190 | 216 | 222 | 229 | 267 | 292 | 318 | 330 |
| A               | 230  | 325 | 345 | 385 | 450 | 490 | 525 | 540 | 615 |
| B               | 330  | 365 | 400 | 450 | 520 | 585 | 630 | 610 | 690 |
| C               | 210  | 285 | 300 | 300 | 300 | 500 | 500 | 505 | 500 |
| Mounting Flange | F12  | F14 |     | F16 |     | F25 |     |     |     |

| Size            | 1000 | 1050 | 1200 | 1300 | 1400 | 1500 | 1600 | 1800 | 2000 |
|-----------------|------|------|------|------|------|------|------|------|------|
| L               | 2122 | 216  | 216  | 254  | 279  | 279  | 318  | 318  | 406  |
|                 | 2123 | 410  | 410  | 470  | 530  | 530  | 600  | 600  | 760  |
| A               | 675  | 705  | 820  | 880  | 920  | 1010 | 1070 | 1200 | 1325 |
| B               | 740  | 775  | 855  | 935  | 955  | 1070 | 1095 | 1280 | 1360 |
| C               | 500  | 500  | 580  | 580  | 580  | 580  | 580  | 700  | 700  |
| Mounting Flange | F25  |      | F35  |      |      |      | F40  |      |      |

### Notes

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

FIG. LV2122-U Type Series 20  
FIG. LV2123 Series 13

### Schematic

