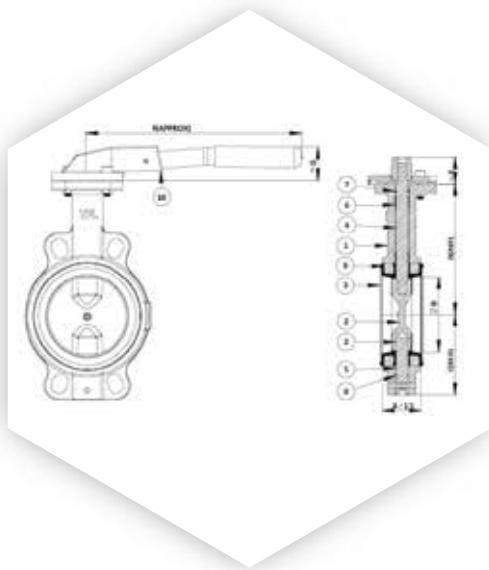


DUCTILE IRON BUTTERFLY VALVE WAFER (BFX25-W / BFX25S-W)



DIMENSIONAL DRAWINGS



DIMENSIONS & WEIGHTS

| Size | A | B | C | D | E | F | G | Weight (kg) |
|-------|-----|-----|-----|-----|-----|-----|-----|-------------|
| 65 MM | 46 | 66 | 79 | 140 | 35 | 220 | 49 | 4 |
| 80 MM | 46 | 80 | 96 | 147 | 40 | 260 | 60 | 5 |
| 100MM | 52 | 101 | 106 | 172 | 40 | 260 | 60 | 6.50 |
| 125MM | 56 | 124 | 121 | 187 | 45 | 315 | 75 | 7 |
| 150MM | 56 | 150 | 134 | 201 | 45 | 315 | 75 | 9 |
| 200MM | 60 | 201 | 168 | 229 | 50 | 315 | 75 | 20.50 |
| 250MM | 68 | 251 | 202 | 269 | 81 | 215 | 200 | 28.50 |
| 300MM | 78 | 301 | 234 | 298 | 81 | 215 | 200 | 35 |
| 350MM | 78 | 340 | 275 | 328 | 92 | 302 | 400 | 58 |
| 400MM | 102 | 391 | 303 | 358 | 92 | 302 | 400 | 80 |
| 450MM | 114 | 442 | 356 | 403 | 92 | 302 | 400 | 105 |
| 500MM | 127 | 486 | 382 | 435 | 127 | 430 | 608 | 121.50 |
| 600MM | 154 | 585 | 440 | 510 | 127 | 430 | 608 | 215.50 |

VALVE SELECTION

| PART NAME | EPDM LINER |
|----------------------|-------------|
| NP DUCTILE IRON DISC | BFX 25 - W |
| STAINLESS STEEL DISC | BFX 25S - W |

FEATURES & BENEFITS

- Long neck for insulation, Maintenance free.
- 200 Micron Fusion Bonded Epoxy Powder coated for improved barrier to corrosive chemicals, moisture and humid air.
- Valves DN200 and larger sizes supplied as standard with fully enclosed gear operator.
- Unique triple sealing system for shaft sealing, eliminates any fugitive emission or secondary leakage.
- EPDM seat liner extending on to the flange contact face, eliminates the need for separate flange gaskets during installations.
- Suitable for ON / OFF and modulating duty (Torque details available on request).
- EPDM Fusion bonded lined valves available.

MATERIAL SPECIFICATION

| Part No. | Part Name | Material |
|----------|--------------------------|--|
| 1 | BODY | DUCTILE IRON : BS EN 1563 EN-JS1030 |
| 2 | DISC | DUCTILE IRON NICKEL PLATED : BS EN 1563 EN-JS 1050 |
| 3 | DISC | STAINLESS STEEL : BS EN 10088-1 GR.1.4057 |
| 4 | SEAT | RUBBER : EPDM |
| 5 | SHAFT | STAINLESS STEEL : BS EN 10088-1 GR.1.4057 |
| 6 | PIVOT SHAFT | STAINLESS STEEL : BS EN 10088-1 GR.1.4057 |
| 7 | SHAFT WEATHER SEAL | RUBBER : EPDM |
| 8 | PIVOT SHAFT WEATHER SEAL | RUBBER : EPDM |
| 9 | BACK UP RING | PLASTIC / METAL |
| 10 | HAND LEVER | STEEL TUBE + EPOXY |
| 11 | GEAR BOX | SEE GEAR BOX BOM |

PRESSURE / TEMPERATURE RATING

| Pressure Rating | 25 bar |
|-----------------|---------------|
| Temperature | -10 to 120 °C |

TEST PRESSURES

| | |
|-------|----------|
| Shell | 37.5 bar |
| Seat | 27.5 bar |

SPECIFICATION

- Self lubricated pipe lined bearings for both drive end & non-drive end Shafts ensures minimum friction torque and safe operations.
- Bi-directional valve with tight shut-off sealing capability to hold vacuum rated pressure in either direction.
- Excellent adaptability for actuated operation through standardized (ISO 5211) top flange mounting for actuator fitment.
- Wafer pattern suitable for PN25 flanges
- Flanged : BS EN 1092-1
- Face to Face: BS EN 558:2008
- Working standard : BS EN593
- Testing standard : BS EN 12266-2

TFL Valves Quality Policy Is Complete Satisfaction Of Customers. According To That We Have Selected QUALITY As A Strategic factor in application to all our organization. Our purpose is to reinforce competitiveness, to ensure customer satisfaction, to improve process related with product quality and guarantee accomplishment of quality requirements.