| MIRAB INDUSTRIAL VALVES | No.: BCW-20-300-10 |
|---|---|
| **Wafer type Butterfly valve Data Sheet** | Rev.: 00 , Date: Jan 2023 |

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|---|---|
| **Valve Type** | Butterfly Valve Wafer Type |
| **Valve features** | Concentric type<br>Bi-Directional Sealing<br>Tight Shut-Off Closure<br>K & KV Parameters Acc. to mirab catalogue<br>Gasket for installation is not required due to<br>Renewable U-Shape Elastomer liner on valve body |
| **Application** | On-Off (Isolating) |
| **Fluid** | Raw water, Drinking water,<br>Non-Corrosive Liquid and Gas |
| **End Connection type** | Wafer type (To be installed Between Flanges) |
| **Connection Standard** | DIN EN 1092 (DIN 2501) PN6/ PN10/ PN16<br>ASME/ ANSI B16.5 Class 150 |
| **Valve Size Range** | DN 20 ~ DN 300 (NPS 3/4 ~ NPS 12) |
| **Body Rating** | Up to 16 Bar |
| **Temperature Rating** | DN50 to DN200: Up to 110 °C<br>DN250 to DN300: Up to 70 °C |
| **Design Std.** | DIN EN 593 & API Std. 609 Cat. A |
| **Face to Face Std.** | DIN EN 558-1 Series 20 & API Std. 609 Cat. A |
| **Body** | Ductile Iron DIN EN 1563 GJS-400-15 (GGG40) |
| **Disc** | Up to DN200:<br>Stainless Steel ASTM A351 Gr.CF8 (1.4308)<br>DN250 to DN300:<br>Ductile Iron DIN EN 1563 GJS-400-15 (GGG40) |
| **Body seat (Liner)** | EPDM Rubber |
| **Shaft** | Stainless Steel ASTM A276 Type 420 (1.4021) |
| **Shaft Sealing** | O-Ring (NBR) |
| **Bushing** | Steel-PTFE/ C95200 |
| **End Cap** | ALuminium |

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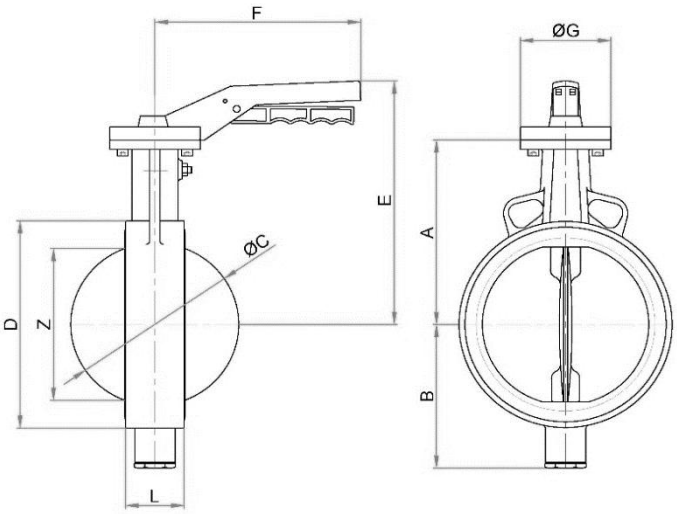
| **Hydrostatic Test** | Acc. to DIN EN 12266-1/ API Std. 598/ ISO 5208<br>Body Test: N/A, Seat test @ 1.1 * PN |
| **Coating System** | Electrostatic Epoxy Powder, RAL 5005<br>Min DFT 150 micron |
| **Actuator** | Lever<br>With 0-90° Indicator<br>Material :<br>up to DN200: Aluminium Epoxy Coated<br>DN250 & DN300: Ductile Iron Epoxy Coated<br>Closed Clockwise Rotation |




**Dimension:**

| DN mm | L mm | ØC mm | Z mm | A mm | B mm | D mm | E mm | F mm | ØG mm | Flange | Weight Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 33 | 30 | - | 104 | 60 | 57 | 170 | 196 | 65 | F05 | 1.6 |
| 25 | 33 | 30 | - | 104 | 60 | 66 | 170 | 196 | 65 | F05 | 1.7 |
| 32 | 33 | 30 | - | 104 | 60 | 76 | 170 | 196 | 65 | F05 | 1.8 |
| 40 | 33 | 40 | 17.4 | 113 | 70 | 84 | 179 | 196 | 65 | F05 | 2.2 |
| 50 | 43 | 50 | 19.6 | 126 | 82 | 95 | 192 | 196 | 65 | F05 | 2.7 |
| 65 | 46 | 65.7 | 43.2 | 136 | 92 | 116 | 202 | 196 | 65 | F05 | 3.3 |
| 80 | 46 | 79.5 | 61.8 | 159 | 104 | 130 | 228 | 230 | 90 | F07 | 4.5 |
| 100 | 52 | 99.6 | 82.3 | 167 | 113 | 151 | 236 | 230 | 90 | F07 | 5.4 |
| 125 | 56 | 124 | 108.5 | 181 | 127 | 181 | 250 | 230 | 90 | F07 | 7.3 |
| 150 | 56 | 151.4 | 139 | 203 | 152 | 205 | 287 | 267 | 90 | F07 | 9.2 |
| 200 | 60 | 199 | 188.4 | 228 | 176 | 250 | 311 | 267 | 90 | F07 | 12 |
| 250 | 68 | 251 | 240.1 | 266 | 214 | 318 | 386 | 445 | 125 | F10 | 24 |
| 300 | 78 | 299 | 286.9 | 293 | 239 | 358 | 413 | 445 | 125 | F10 | 26 |