



MEGATRONE
INDUSTRIAL SOLUTIONS

Butterfly Valve - Wafer Type

Hand Lever / Actuator / Gear Operated
Megatrone MBW Series



Butterfly Valve – MBW Series

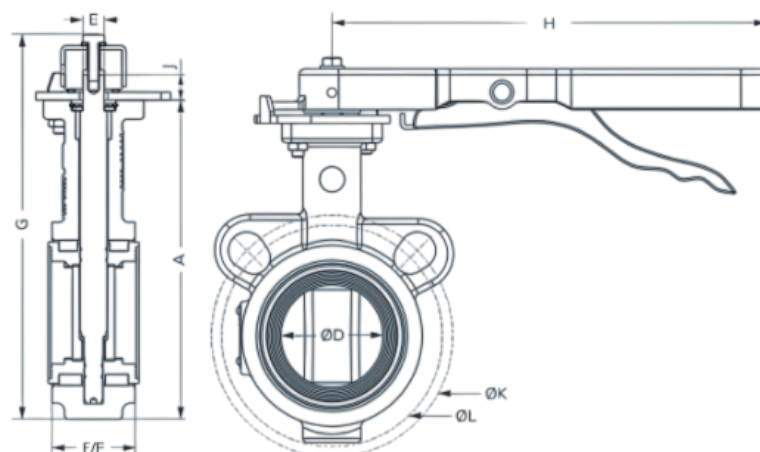
Specifications

| | |
|-------------------------------------|---|
| End Connection : | Wafer – API 609 (CAT – A) |
| Size : | Dn40 – Dn300 |
| Suitable : | ASME B16.5 150# |
| Pressure Range : | Pn06, PN10, Pn16 |
| Leakage Class : | 100% Tightness at Fully Differential Pressure |
| Standard : | API 609, BS 5155, ISO 5211, API 598, ASME B16.5 |
| Body Material : | Cast Iron(CI), SGI, WCB, CF8, CF8M |
| Disc Material : | SGI, CF8, CF8M, WCB |
| Stem Material : | SS410, SS304, SS316 |
| Body Liner / Seat Material : | NBR, EPDM, VITON |
| Shaft Bearing Material : | PTFE |

Features :

- ✓ Bi-directional zero leakage butterfly valve.
- ✓ ISO Pad for mounting, Gear Operator / Actuator
- ✓ Extremely small play between the stem and disc due to 'Double D' drive.
- ✓ Accurate dual stem sealing prevents leakage.
- ✓ Butterfly valve can be mounted between flanges as per ASME.
- ✓ 100% Tested With Pneumatic And Fluid (Water) Media.
- ✓ Design Standard : ISO 5211, API 609, ASME B16.5 150#.
- ✓ Face to Face Dimension : API 609 (CAT A).
- ✓ Operator mounting flange : As per ISO 5211.
- ✓ Operator : Hand Lever / Gear / Actuator
- ✓ Leakage Class : 100% tightness at full differential Pressure.

Hand Lever Operated Wafer Type Butterfly Valve

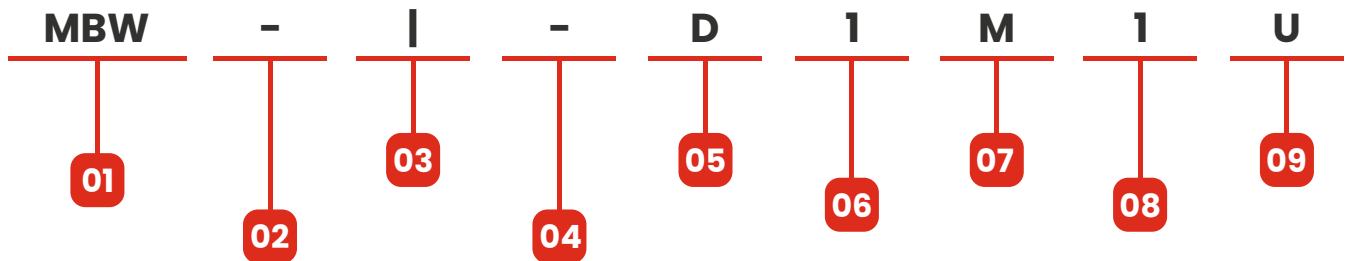


Technical Data (All dimensions are in mm)

All dimensions are approx.

| Size | A | ØD | FF | ØK | ØL | G | J | H | E | MOUNTING FLANGE |
|--------|-----|-----|----|-----|-----|-----|----|-----|----|-----------------|
| 40 MM | 140 | 40 | 33 | 105 | 98 | 173 | 12 | 225 | 11 | F05 |
| 50 MM | 165 | 50 | 43 | 125 | 114 | 199 | 13 | 225 | 11 | F05 |
| 65 MM | 192 | 65 | 46 | 145 | 127 | 226 | 12 | 225 | 11 | F05 |
| 80 MM | 218 | 80 | 46 | 164 | 146 | 252 | 14 | 225 | 11 | F05 |
| 100 MM | 243 | 100 | 52 | 190 | 179 | 275 | 17 | 260 | 14 | F07 |
| 125 MM | 276 | 125 | 56 | 216 | 200 | 310 | 20 | 260 | 17 | F07 |
| 150 MM | 310 | 150 | 56 | 241 | 225 | 344 | 19 | 260 | 17 | F07 |
| 200 MM | 404 | 200 | 60 | 298 | 292 | 442 | 22 | 290 | 22 | F07/F10 |
| 250 MM | 470 | 250 | 68 | 362 | 350 | 510 | 25 | 290 | 22 | F07/F10 |

MBW – SERIES BUTTERFLY VALVE WAFER TYPE MODEL CHART



| | |
|-----|--------|
| 01 | SERIES |
| MBW | |

| 02 | PRODUCT TYPE |
|----|----------------------------|
| - | Butterfly Valve Wafer Type |

| 03 | BODY MATERIAL |
|----|---------------|
| - | CF8 |
| I | CI |
| S | SGI |
| K | DUCTILE IRON |
| W | WCB |
| M | CF8M |
| V | CF3M |

| 04 | SEAL MATERIAL |
|----|---------------|
| - | EPDM |
| - | NBR |
| - | VITON |
| - | SILICONE |
| - | BUNA N |
| - | EPDM FG |

| 05 | PORT SIZE |
|----|-----------|
| 6 | 1-1/2" |
| 8 | 2" |
| 9 | 2-1/2" |
| A | 3" |
| B | 4" |
| C | 5" |
| D | 6" |
| E | 8" |
| F | 10" |
| G | 12" |

| 06 | PRESSURE CLASS |
|----|----------------|
| 1 | PN10 |
| 2 | PN16 |
| 3 | PN6 |

| 07 | DISC MATERIAL |
|----|---------------|
| - | CF8 |
| M | CF8M |
| W | WCB |
| S | SGI |
| K | DUCTILE IRON |
| V | CF3M |

| 08 | STEM MATERIAL |
|----|---------------|
| - | SS 304 |
| 1 | SS 410 |
| 3 | SS 316L |
| 6 | SS 316 |
| 8 | SS 416 |

| 09 | OPERATION |
|----|----------------------------|
| - | ACTUATOR OPERATED |
| R | BARE STEM |
| U | MANUAL OPERATED |
| G | GEAR OPERATED |
| 4 | MANUAL OPERATED SS304 |
| E | ELECTRIC ACTUATOR OPERATED |
| L | ACTUATOR WITH LEVER |
| A | ACTUATOR WITH GEAR |

| 10 | APPROVALS |
|----|--------------|
| - | NO APPROVALS |

MBW-ID1M1U
 6" BUTTERFLY VALVE WAFER TYPE CI-EPDM-PN10-
 CF8M-SS410-MANUAL OPERATED

Note : The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.



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