



MEGATRONE
INDUSTRIAL SOLUTIONS

Butterfly Valve - Wafer Type

Hand Lever / Actuator / Gear Operated
Megatrone MBW Series



Butterfly Valve – MBW Series

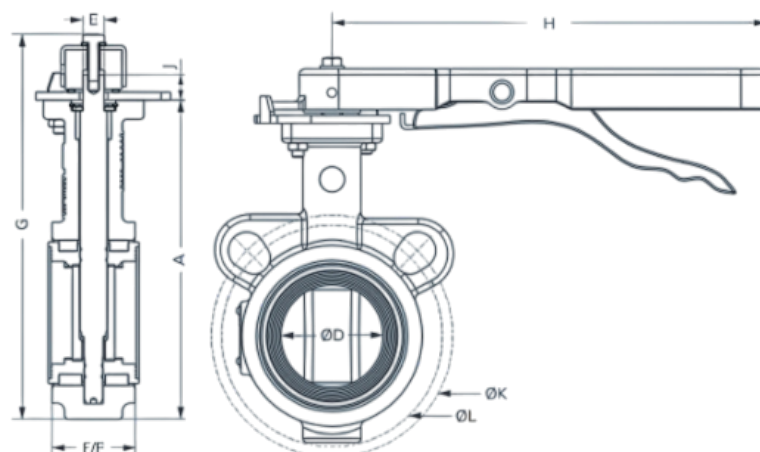
Specifications

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

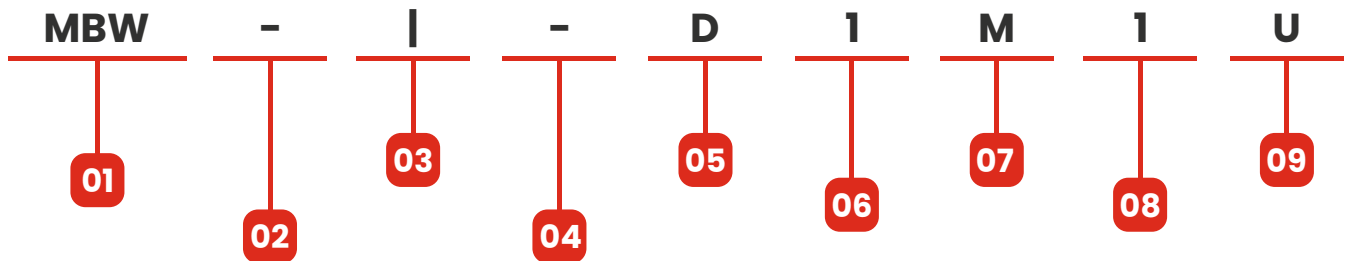


Technical Data (All dimensions are in mm)

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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