

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA

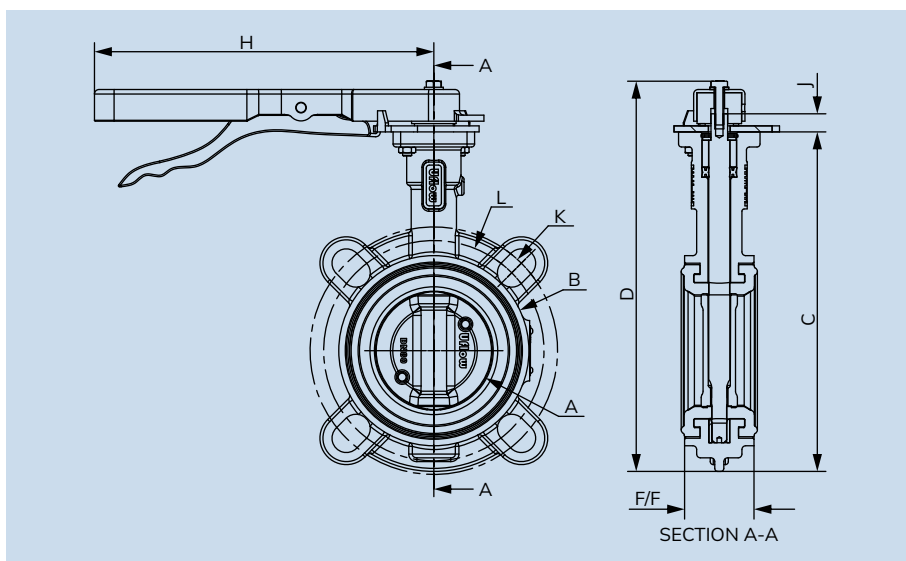
Specifications

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

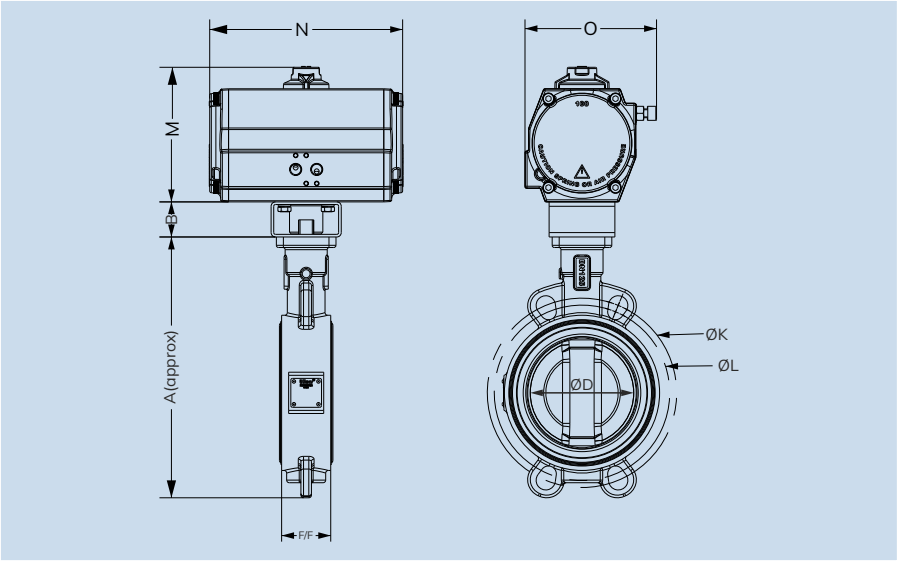


Technical Data (All dimensions are in mm)

All dimensions are approx.

Size	A	B	C	D	H	J	K	L	F/F	MOUNTING FLANGE
DN40	147.5	76	147.5	180	225	12	105	98	33	F05
DN50	172.5	94	172.5	206.1	225	13	125	114.5	43	F05
DN65	196	107	196	230	225	12	145	127	46	F05
DN80	225	126	225	258.6	225	12	164	146	46	F05
DN100	260	155	243	274.7	260	17	190.5	179	52	F07
DN125	297.4	177	280.3	314	260	19.8	215.9	200	56	F07
DN150	322.47	204	310	343.7	260	19.5	241	225	56	F07
DN200	404.23	268	390	429	290.2	22	298.5	292	63.5	F07/F10
DN250	470.05	325.5	455	494	290	39	362	350	68	F07/F10

Pneumatic Operated Wafer Type Butterfly Valve - PN10



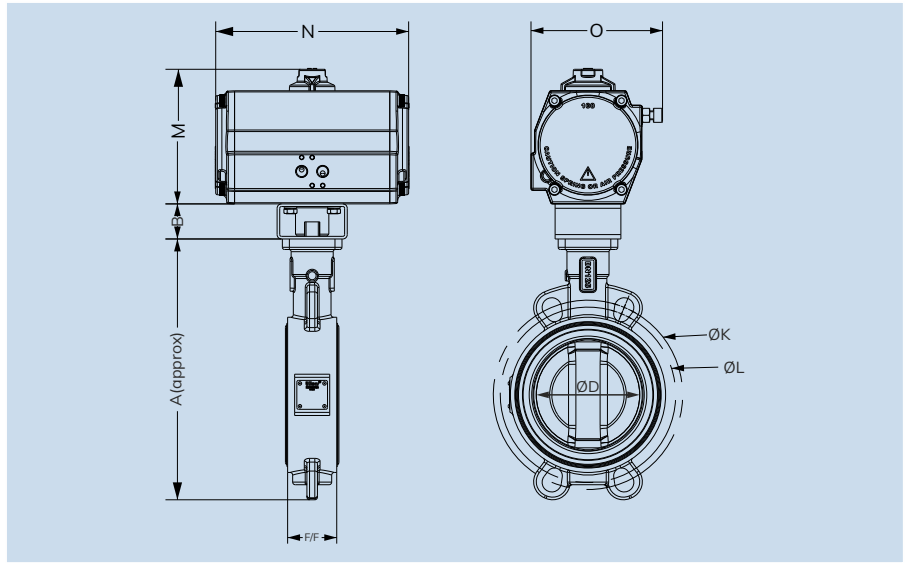
Technical Data - Butterfly Valve with Double Acting Actuator (All dimensions are in mm) All dimensions are approx.

Size	Actuator	Coupler	A	B	ØD	F/F	ØK	ØL	M	N	O	Mounting Flange
40 MM	50	NA	147.5	-	42.5	33	105	98	99	130	85	F05
50 MM	50	NA	172.5	-	53	43	125	114.5	99	130	85	F05
65 MM	50	NA	196	-	64	46	145	127	99	130	85	F05
80 MM	50	NA	225	-	77.5	46	164	146	99	130	85	F05
100 MM	63	NA	260	-	103	52	190.5	179	112	147	105	F07
125 MM	80	NA	297.4	-	125.5	56	215.9	200	128	170	114	F07
150 MM	80	NA	322.47	-	146.5	56	241	225	128	170	114	F07
200 MM	100	NA	404.23	-	197	63.5	298.5	292	154	220	150	F07/F10
250 MM	125	NA	470.05	-	245.5	68	362	350	185	389	174	F07/F10
300 MM	150	NA	560.96	-	294		431.8	400	219	465	205	F12

Technical Data - Butterfly Valve with Single Acting Actuator (All dimensions are in mm) All dimensions are approx.

Size	Actuator	Coupler	A	B	ØD	F/F	ØK	ØL	M	N	O	Mounting Flange
40 MM	50	NA	147.5	-	42.5	33	105	98	99	162	85	F05
50 MM	50	NA	172.5	-	53	43	125	114.5	99	162	85	F05
65 MM	63	C1455V0	196	40	64	46	145	127	112	202	105	F05
80 MM	80	C1755V0	225	40	77.5	46	164	146	128	234	114	F05
100 MM	100	C4277V0	260	40	103	52	190.5	179	153	324	151	F07
125 MM	100	C7277V0	297.4	40	125.5	56	215.9	200	153	324	151	F07
150 MM	125	C7270V0	322.47	61	146.5	56	241	225	185	389	173	F07
200 MM	150	C2800V0	404.23	61	197	63.5	298.5	292	219	465	205	F07/F10
250 MM	150	C2800V0	470.05	61	245.5	68	362	350	219	465	205	F07/F10

Pneumatic Operated Wafer Type Butterfly Valve - PN16



Technical Data - Butterfly Valve With Double Acting Actuator (All dimensions are in mm)

All dimensions are approx.

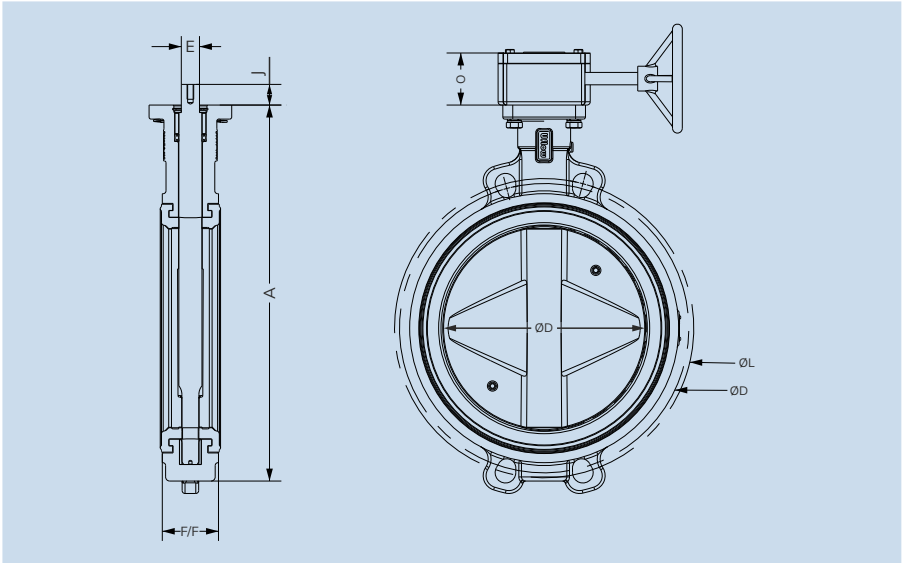
Size	Actuator	Coupler	A	B	ØD	F/F	ØK	ØL	M	N	O	Mounting Flange
40 MM	50	NA	147.5	-	42.5	33	105	98	99	130	85	F05
50 MM	50	NA	172.5	-	53	43	125	114.5	99	130	85	F05
65 MM	50	NA	196	-	64	46	145	127	99	130	85	F05
80 MM	63	C1455V0	225	40	77.5	46	164	146	112	147	105	F05
100 MM	80	C4777V0	260	40	103	52	190.5	179	128	170	114	F07
125 MM	80	NA	297.4	-	125.5	56	215.9	200	128	170	114	F07
150 MM	100	C7277V0	322.47	40	146.5	56	241	225	154	220	150	F07
200 MM	125	NA	404.23	-	197	63.5	298.5	292	185	389	174	F07/F10
250 MM	150	C2800V0	470.05	61	245.5	68	362	350	219	465	205	F07/F10

Technical Data - Butterfly Valve With Single Acting Actuator (All dimension are in mm)

All dimensions are approx.

Size	Actuator	Coupler	A	B	ØD	F/F	ØK	ØL	M	N	O	Mounting Flange
40 MM	63	C1455V0	147.5	40	42.5	33	105	98	112	202	105	F05
50 MM	80	C1755V0	172.5	40	53	43	125	114.5	128	234	114	F05
65 MM	80	C1755V0	196	40	64	46	145	127	128	234	114	F05
80 MM	100	C1257V0	225	40	77.5	46	164	146	153.5	324	151	F05
100 MM	100	C4277V0	260	40	103	52	190.5	179	153.5	324	151	F07
125 MM	125	C7270V0	297.4	61	125.5	56	215.9	200	185	389	173	F07
150 MM	150	C7870V0	322.47	61	146.5	56	241	225	219	465	205	F07

Gear Box Operated Wafer Type Butterfly Valve



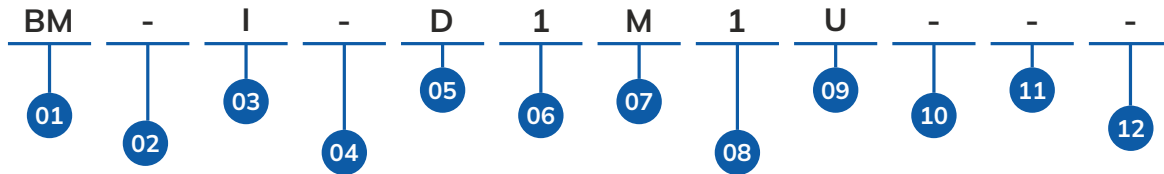
Technical Data (All dimensions are in mm) All dimensions are approx.

Size	A	ØD	F/F	ØK	ØL	E	J	O	Mounting Flange
40 MM	147.5	42.5	33	105	98	11	12	50	F05
50 MM	172.5	53	43	125	114.5	11	13	50	F05
65 MM	196	64	46	145	127	11	12	50	F05
80 MM	225	77.5	46	164	146	11	12	50	F05
100 MM	260	103	52	190.5	179	14	17	53	F07
125 MM	297.4	125.5	56	215.9	200	17	19.8	53	F07
150 MM	322.47	146.5	56	241	225	17	19.5	53	F07
200 MM	404.23	197	63.5	298.5	292	22	22	63	F07/F10
250 MM	440.05	245.5	68	362	350	22	25	63	F07/F10
300 MM	560.96	294		431.8	400	27	29.5	70	F12

Applicable Flange Mountinig

SIZE	ANSI	DIN 1092			BS10			JIS		
	150#	PN6	PN10	PN16	TABLE-E	TABLE-F	TABLE-H	5K	10K	16K
DN40	OK	OK	NA	NA	OK	OK	OK	NA	OK	NA
DN50	OK	OK	OK	OK	OK	OK	OK	NA	OK	NA
DN65	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
DN80	OK	OK	OK	OK	OK	OK	OK	OK	OK	NA
DN100	OK	NA	OK	OK	OK	OK	OK	NA	NA	NA
DN125	OK	OK	OK	OK	OK	NA	NA	OK	NA	NA
DN150	OK	OK	OK	OK	OK	NA	NA	OK	OK	NA
DN200	OK	NA	OK	OK	OK	NA	NA	NA	NA	NA
DN250	OK	NA	OK	NA	OK	NA	NA	NA	OK	NA
DN300	OK	NA	OK	NA	OK	NA	NA	NA	NA	NA

BM - SERIES BUTTERFLY VALVE WAFER TYPE MODEL CHART



01	SERIES
BM	

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
N	NBR
T	VITON
L	SILICONE
U	BUNA N
2	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

11	CONFIG
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
...	...
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

12	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
...	...
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11