

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

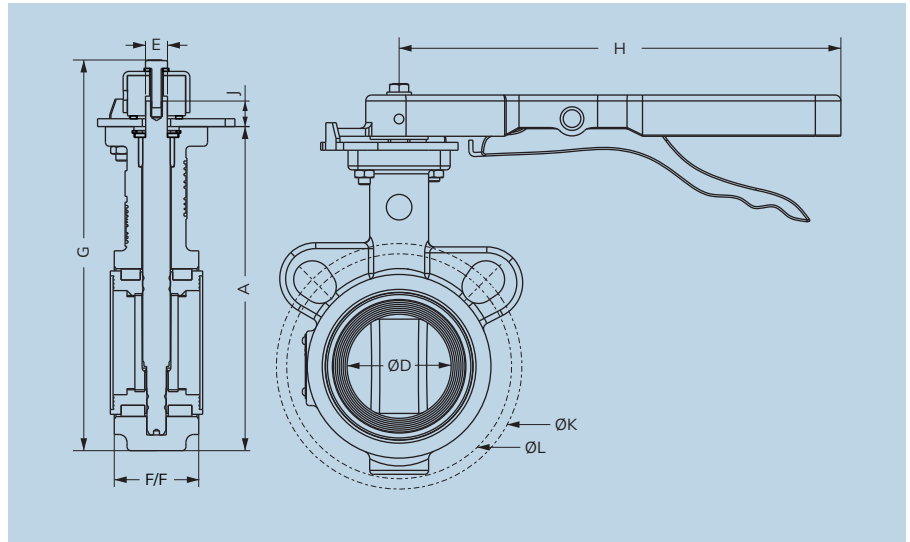
Specifications

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			
Media Temperature :	-10°C to 140°C			
Diaphragm :	PTFE	RPTFE	CFT	GFT
Media Temp :	-30°C to 180°C	-30°C to 200°C	-30°C to 200°C	-30°C to 200°C

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



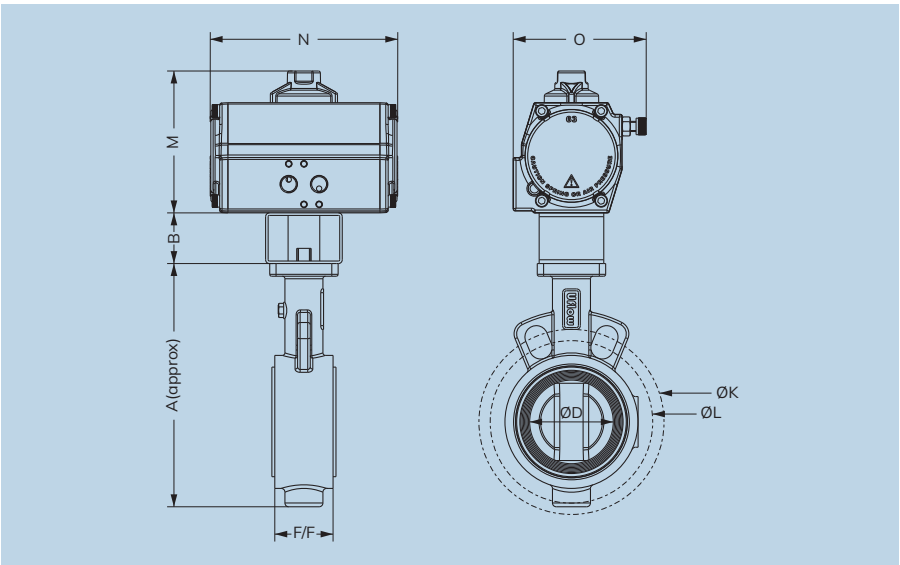
Technical Data (All dimensions are in mm)

All dimensions are approx.

Size	A	ØD	F/F	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

Butterfly Valve Wafer Type - BW Series

Pneumatic Operated Wafer Type Butterfly Valve - PN10



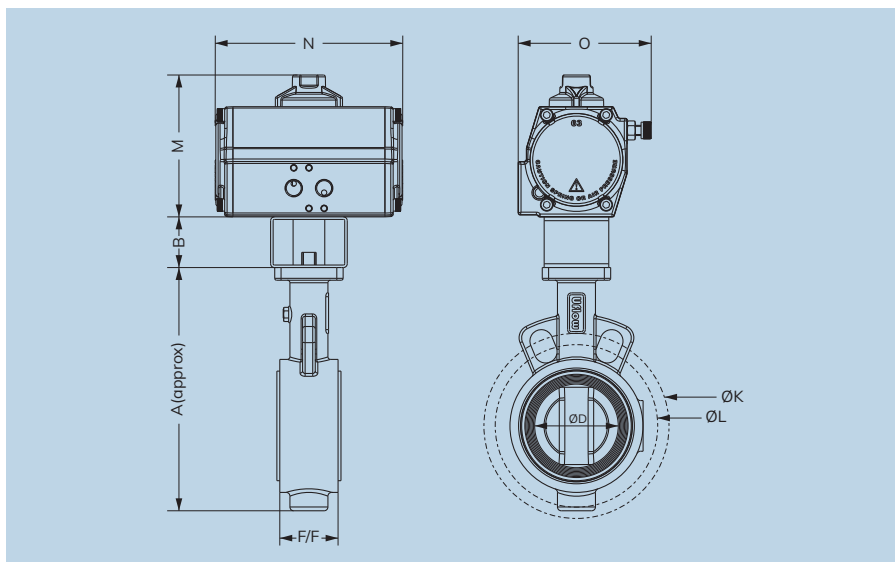
Technical Data - Butterfly Valve with Double Acting Actuator (All dimensions are in mm) All dimensions are approx.

Size	Actuator	Coupler	A	B	ØD	F/F	ØK	ØL	M	N	O	Mounting Flange
40 MM	50	NA	140	-	40	33	105	98	99	130	85	F05
50 MM	50	NA	165	-	50	43	125	114	99	130	85	F05
65 MM	50	NA	192	-	65	46	145	127	99	130	85	F05
80 MM	50	NA	218	-	80	46	164	146	99	130	85	F05
100 MM	63	NA	243	-	100	52	190	179	112	147	105	F07
125 MM	80	NA	276	-	125	56	216	200	128	170	114	F07
150 MM	80	NA	310	-	150	56	241	225	128	170	114	F07
200 MM	100	NA	404	-	200	60	298	292	154	220	150	F07/F10
250 MM	125	NA	470	-	250	68	362	350	185	389	174	F07/F10
300 MM	150	NA	562	-	300	78	432	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	140	-	40	33	105	98	99	162	85	F05
50 MM	50	NA	165	-	50	43	125	114	99	162	85	F05
65 MM	63	C1455V0	192	40	65	46	145	127	112	202	105	F05
80 MM	80	C1755V0	218	40	80	46	164	146	128	234	114	F05
100 MM	100	C4277V0	243	40	100	52	190	179	153	324	151	F07
125 MM	100	C7277V0	276	40	125	56	216	200	153	324	151	F07
150 MM	125	C7270V0	310	61	150	56	241	225	185	389	173	F07
200 MM	150	C2800V0	404	61	200	60	298	292	219	465	205	F07/F10
250 MM	150	C2800V0	470	61	250	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	140	-	40	33	105	98	99	130	85	F05
50 MM	50	NA	165	-	50	43	125	114	99	130	85	F05
65 MM	50	NA	192	-	65	46	145	127	99	130	85	F05
80 MM	63	C1455V0	218	40	80	46	164	146	112	147	105	F05
100 MM	80	C4777V0	243	40	100	52	190	179	128	170	114	F07
125 MM	80	NA	276	-	125	56	216	200	128	170	114	F07
150 MM	100	C7277V0	310	40	150	56	241	225	154	220	150	F07
200 MM	125	NA	404	-	200	60	298	292	185	389	174	F07/F10
250 MM	150	C2800V0	470	61	250	68	362	350	219	465	205	F07/F10

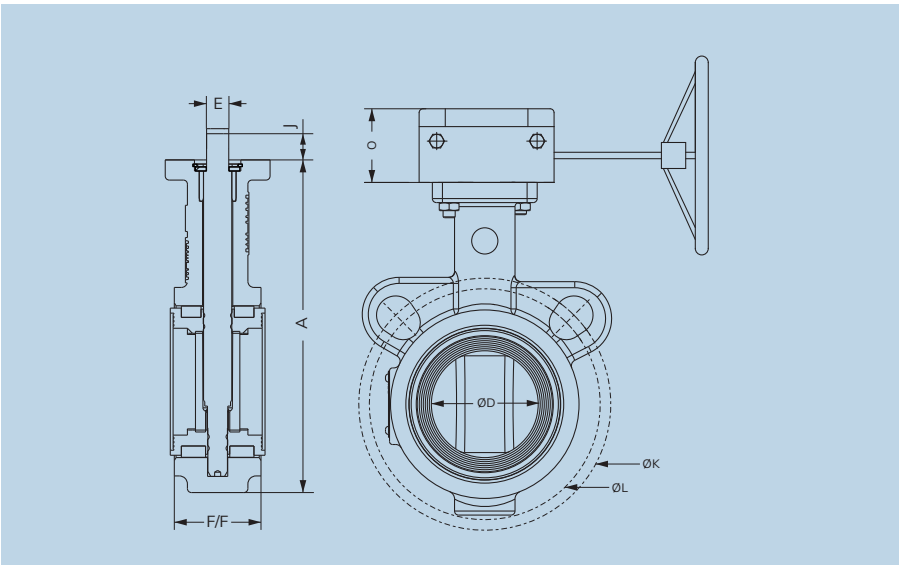
Technical Data - Butterfly Valve With Single Acting Actuator (All dimension are in mm)

All dimensions are approx.

Size	Actuator	Coupler	A	B	ØD	F/F	ØK	ØL	M	N	O	Mounting Flange
40 MM	63	C1455V0	140	40	40	33	105	98	112	202	105	F05
50 MM	80	C1755V0	165	40	50	43	125	114	128	234	114	F05
65 MM	80	C1755V0	192	40	65	46	145	127	128	234	114	F05
80 MM	100	C1257V0	218	40	80	46	164	146	153.5	324	151	F05
100 MM	100	C4277V0	243	40	100	52	190	179	153.5	324	151	F07
125 MM	125	C7270V0	276	61	125	56	216	200	185	389	173	F07
150 MM	150	C7870V0	310	61	150	56	241	225	219	465	205	F07

Butterfly Valve Wafer Type - BW Series

Gear Box Operated Wafer Type Butterfly Valve



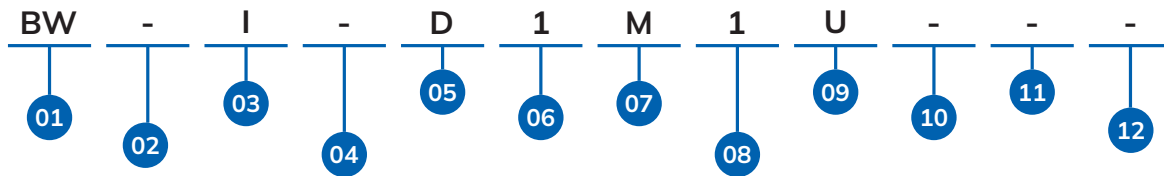
Technical Data (All dimensions are in mm) All dimensions are approx.

Size	A	ØD	F/F	ØK	ØL	E	J	O	Mounting Flange
40 MM	140	40	33	105	98	11	12	50	F05
50 MM	165	50	43	125	114	11	13	50	F05
65 MM	192	65	46	145	127	11	12	50	F05
80 MM	218	80	46	164	146	11	14	50	F05
100 MM	243	100	52	190	179	14	17	53	F07
125 MM	276	125	56	216	200	17	20	53	F07
150 MM	310	150	56	241	225	17	19	53	F07
200 MM	404	200	60	298	292	22	22	63	F07/F10
250 MM	470	250	68	362	350	22	25	63	F07/F10
300 MM	561	300	78	432	399	27	32	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

BW - SERIES BUTTERFLY VALVE WAFER TYPE MODEL CHART



01	SERIES
BW	

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