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We reserve the right to change the technical data sheet without prior notice and without any obligation.

Grooved butterfly valves offer an easy-to-install and leak-proof solution for isolating or controlling flow between pipe sections. The GD-381X model is suitable for both fire protection and HVAC applications (heating, ventilation, air conditioning).

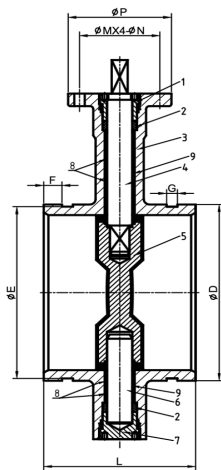
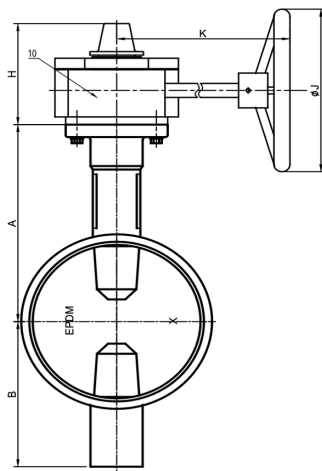
Butterfly Valve c/w Signal Gearbox – Grooved End Technical Features

- Groove Standard: ANSI/AWWA C606 or Metric Standard
- Clear Waterway design
- Sizes: 2", 2½", 3", 4", 5", 6", 8", 10", 12"
- Approvals: UL, CUL, FM, NSF / ANSI 61 & NSF / ANSI 372, VDS, CCC
- Maximum Working Pressure: 300 PSI
- Maximum Testing Pressure: 600 PSI
- Pressure conforms to UL1091 & ULC / ORD-C1091 & FM 1112
- Working Temperature Range: 0~80°C / 32~176°F
- Coating Details: Epoxy coated or coating upon request
- Ductile iron disc– EPDM Encapsulated
- Top Flange Standard: ISO 5211
- Certified lead-free by NSF / ANSI 61 & NSF / ANSI 372 is available
- Application: Indoor & Outdoor Use, Fire inflow water, drain pipe, high-rising building



DIMENSIONS

Size (inch)	Pipe out. diam. (mm)	Product number	A	B	D	E	F	G	H	K		J	P	M	N	L		Approval
2"	60.3	GRV-BFV-WS-2	110	85	60,3	57,15	15,90	7,90	111	153	218	86	90	70	9	88	81	CE, FM
2½"	76.1	GRV-BFV-WS-21/2	125	95	76,1	72,30	15,90	7,90	111	153	218	152	90	70	9	96,4		CE, VDS, FM
3"	88.9	GRV-BFV-WS-3	140	100	88,9	84,90	15,90	7,90	111	153	218	152	90	70	9	97		CE, VDS, FM
4"	114.3	GRV-BFV-WS-4	160	100	114,3	110,10	15,90	9,50	111	153	218	152	90	70	9	115,1		CE, VDS, FM
5"	139.7	GRV-BFV-WS-5	170	125	139,7	135,50	15,90	9,50	111	153	218	152	90	70	y	132,4	148	CE, VDS, FM
6"	168.3	GRV-BFV-WS-6	190	140	168,3	164,00	15,90	9,50	111	153	218	200	90	70	9	132,4	148	CE, VDS, FM
8"	219.1	GRV-BFV-WS-8	230	175	219,1	214,40	19,00	11,10	126	210	232	300	125	102	12	147,4	133	CE, VDS, FM
10"	273.0	GRV-BFV-WS-10	260	200	273,0	268,30	19,00	12,70	161	249		350		125	102	12	159	CE, VDS, FM
12"	323.8	GRV-BFV-WS-12	300	240	323,8	318,30	19,00	12,70	161	249		350		150	125	14	165	CE, VDS, FM



Item	Name	Material	Remark
1	Upper shaft sealing nut	WCB	ASTM A216
2	Shaft Seal	EPDM	ASTM D2000
3	Body	DI	ASTM A536
4	Upper shaft	SS416	ASTM A582
5	Disc	DI+EPDM	
6	Lower Shaft	SS416	ASTM A582
7	Lower Shaft Sealing Nut	WCB	ASTM A216
8	Stem Bushing	FZ2175, PTFE	FZ: 8-12", PTFE: 2-6"
9	O-ring	EPDM	
10	Gear Box		

Signal Switch Specification:

1. Rating: IBC IP40
2. Type: RV-162-1C25

Storage:

We suggest to store our products in a closed and dry environment.

Installation recommendation:

Please read the technical data sheet and the installation instructions before working with the product! Installers must be trained or experienced in the installation of grooved pipe connection systems.

Never work on pipes under pressure and/or filled with water!

Use the necessary protective equipment to avoid personal injuries (helmet, safety shoes, safety glasses, gloves).

