

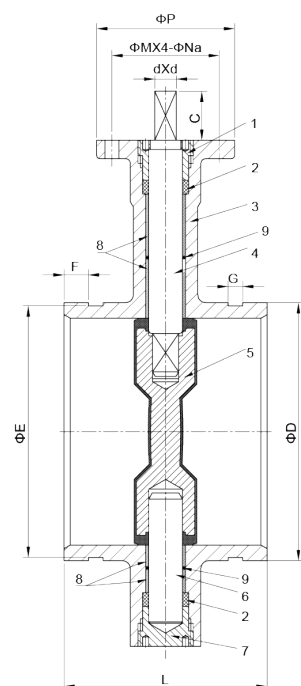
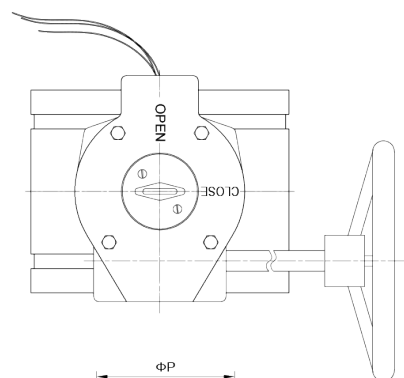
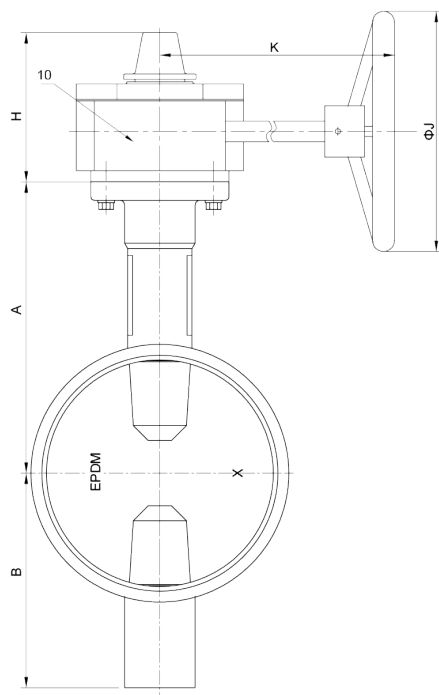
## **Butterfly Valve**

**Model: BVG-001**

Butterfly Valve c/w Signal Gearbox – Grooved End

Version 1.01  
January 2025 release

## Butterfly Valve / Grooved End Model: BVG-001



### Technical Features

Conforms	ANSI / AWWA C606 or Metric Standard Clear Waterway design
Connection	Grooved End
Sizes	2", 2½", 3", 4", 5", 6", 8", 10", 12"
Approvals	UL & FM
Maximum Working Pressure	300 PSI (Maximum Testing Pressure: 600 PSI) conforms to UL1091 & FM 1112
Maximum Working Temperature	80°C / 176°F
Application	Indoor & Outdoor Use, Fire inflow water, drain pipe, high-rising building fire fighting system, industrial factory building fire protection system
Coating Details	Epoxy coated interior and exterior by Electrostatic Spray or coating upon request
Disc	Ductile Iron EPDM Rubber Encapsulated
Top Flange Standard	ISO 5211

### Valve Material List

No	Description	Material
1	Upper Shaft Sealing Nut	WCB
2	Shaft Seal	EPDM
3	Body	Ductile Iron
4	Upper Shaft	416 Stainless Steel
5	Disc + Rubber Seat	Ductile Iron + EPDM
6	Lower Shaft	416 Stainless Steel
7	Lower Shaft Sealing Nut	WCB
8	Stem Bushing	PTFE / C95400
9	O-Ring	EPDM
10	Gearbox	

### Dimensions

Part No.	Size	A	B	C	D	E	F	G	H	K	J	P	M	N	d	L
BVG-001-050	2"	110	85	32	60.3	57.15	15.9	7.9	111	153	218	152	90	70	9	10
					73	69.1	15.9	7.9	111	153	218	152	90	70	9	10
BVG-001-065	2½"	125	95	32	76.1	72.3	15.9	7.9	111	153	218	152	90	70	9	10
BVG-001-080	3"	140	100	32	88.9	84.9	15.9	7.9	111	153	218	152	90	70	9	11
BVG-001-100	4"	160	100	32	114.3	110.1	15.9	9.5	111	153	218	152	90	70	9	14
BVG-001-125	5"	170	125	32	139.7	135.5	15.9	9.5	111	153	218	152	90	70	9	14
					141.3	137	15.9	9.5	111	153	218	152	90	70	9	14
BVG-001-150	6"	190	140	32	165.1	160.9	15.9	9.5	111	153	218	200	90	70	9	16
					168.3	164	15.9	9.5	111	153	218	200	90	70	9	16
BVG-001-200	8"	230	175	32	219.1	214.4	19	11.1	126	210	232	300	125	102	12	19
					216.3	211.6	19	11.1	126	210	232	300	125	102	12	19
BVG-001-250	10"	260	200	45	267.4	262.6	19	12.7	126	210	232	300	125	102	12	24
					273	268.3	19	12.7	126	210	232	300	125	102	12	24
BVG-001-300	12"	300	240	45	318.5	312.9	19	12.7	161	249	350	150	125	14	26	165
					323.8	318.3	19	12.7	161	249	350	150	125	14	26	165



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