

Butterfly Valve

Model: GD-381G

Butterfly Valve with Gearbox – Grooved End

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"
- Maximum Working Pressure: 300 PSI (Maximum Testing Pressure: 600 PSI) conforms to UL1091 & ULC / ORD-C1091 & 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
- Certified lead-free by NSF / ANSI 61 & NSF / ANSI 372 is available



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	Gear box	

Dimensions

Size	A	B	C	D	E	F	G	H	K	J	P	M	N	d	L
2"	110	85	32	60.3	57.15	15.9	7.9	65	151	152	90	70	9	10	81 88
2½"	125	95	32	73 76.1	69.1 72.3	15.9	7.9	65	151	152	90	70	9	10	96.4
3"	140	100	32	88.9	84.9	15.9	7.9	65	151	152	90	70	9	11	97
4"	160	100	32	114.3	110.1	15.9	9.5	65	151	152	90	70	9	14	115.1
5"	170	125	32	139.7 141.3	135.5 137	15.9	9.5	65	151	152	90	70	9	14	132.4 148
6"	190	140	32	165.1 168.3	160.9 164	15.9	9.5	65	146	200	90	70	9	16	132.4 148
8"	230	175	32	219.1 216.3	214.4 211.6	19	11.1	77	233	290	125	102	12	19	133 147.4
10"	260	200	45	267.4 273	262.6 268.3	19	12.7	77	233	290	125	102	12	22	159
12"	300	240	45	318.5 323.8	312.9 318.3	19	12.7	77	226	290	150	125	14	26	165

