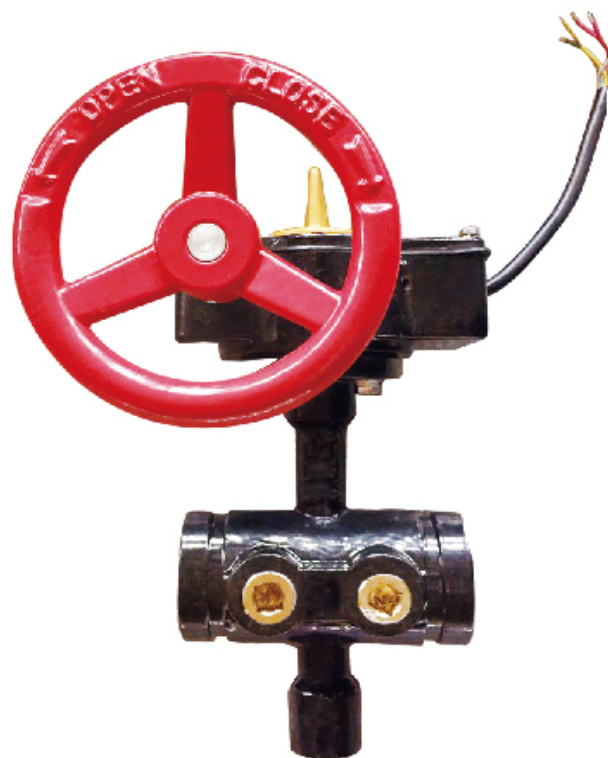


Backflow Butterfly Valve Model: HGD-381X-175/HFGD-381X-175/HGD-381X/HFGD-381X

Butterfly Valve c/w Signal Gearbox – Grooved End & Grooved * Flanged End

Technical Features

- Conforms: ANSI / AWWA C606 or Metric Standard Clear Waterway design
- Connections: Grooved End / Grooved * Flanged End / Flanged * Grooved End
- Sizes: 2½", 3", 4", 6", 8", 10"
- Approvals: UL, CUL, FM, NSF/ ANSI 61 & NSF/ ANSI 372
- Maximum Working Pressure: 175 PSI / 300 PSI (Maximum Testing Pressure: 600 PSI) conforms to UL1091 & ULC / ORD-C1091 & FM1112
- 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	Signal Gearbox	
10	Plug	C95400

Dimensions

Size	A	B	C	D	E	F	G	H	K	J	L	M	N	P
2½"	125	95	32	73 76.1	69.1 72.3	15.9	7.9	111	153	152	152.4	139.7	4	19
3"	140	100	32	88.9	84.9	15.9	7.9	111	153	152	158.8	152.5	4	19
4"	160	100	32	114.3	110.1	15.9	9.5	111	153	152	168.4	190.5	8	19
6"	190	140	32	165.1	160.9	15.9	9.5	111	153	200	177.8	241.3	8	22
8"	230	175	32	219.1	214.4	19	11.1	126	230	290	203	298.5	8	22
10"	260	200	45	267.4	262.6	19	12.7	126	230	290	203	362	12	25.4
				273	268.3									

