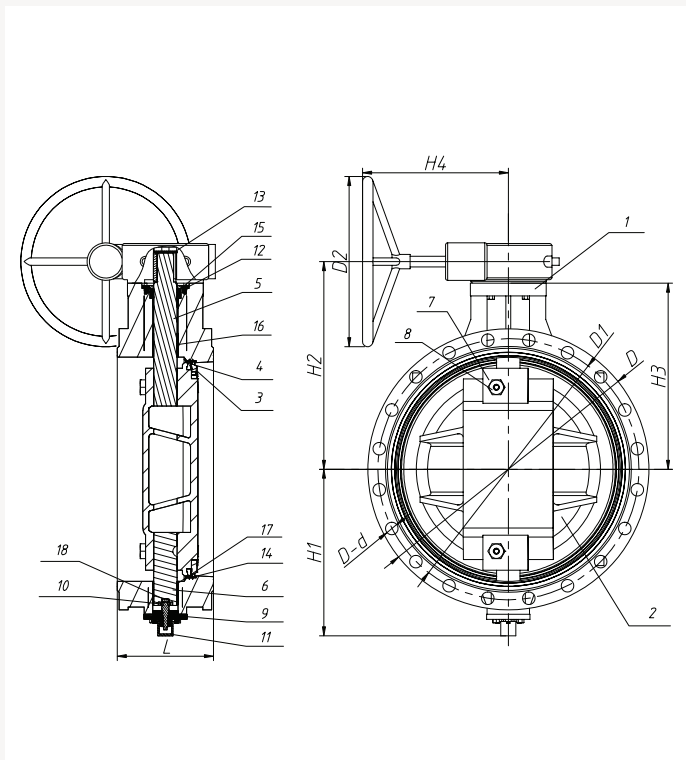
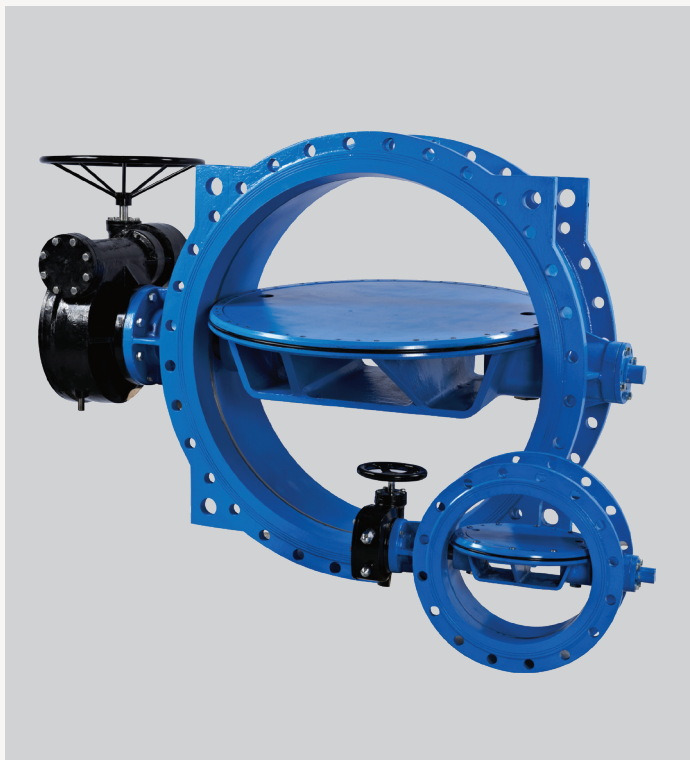


BFGX Flanged Eccentric Butterfly Valve PN10



Material specification

BFGX Flanged Eccentric Butterfly Valve 14" to 48"

No	Component	Material
1	Body	Ductile iron GGG40
2	Disc	Ductile iron GGG40
3	Disc cover	Ductile iron GGG40
4	Disc sealing	Rubber EPDM
5	Upper stem	410 stainless steel
6	Lower stem	410 stainless steel
7	Disc pin	431 stainless steel
8	Disc nut	Bronze
9	Body cover	Ductile iron GGG40
10	Adjust cover	410 stainless steel
11	Protection cover	Ductile iron GGG40
12	Gland	Steel Q235-A
13	Stem cover	Steel Q235-A
14	Seat	304 stainless steel
15	V ring	EPDM
16	Upper bearing	Bronze filled PTFE or bronze with PTFE coating
17	Bearing	Bronze filled PTFE or bronze with PTFE coating
18	Adjust nut	420 stainless steel

Applicable standards:

- Design standard EN 593.
- Flange connection standard EN1092-2.
- Top flange dimensions standard ISO 5211.
- Face to face dimensions standard EN 558-1 basic series 13.
- Pressure test standard EN 12266-1.

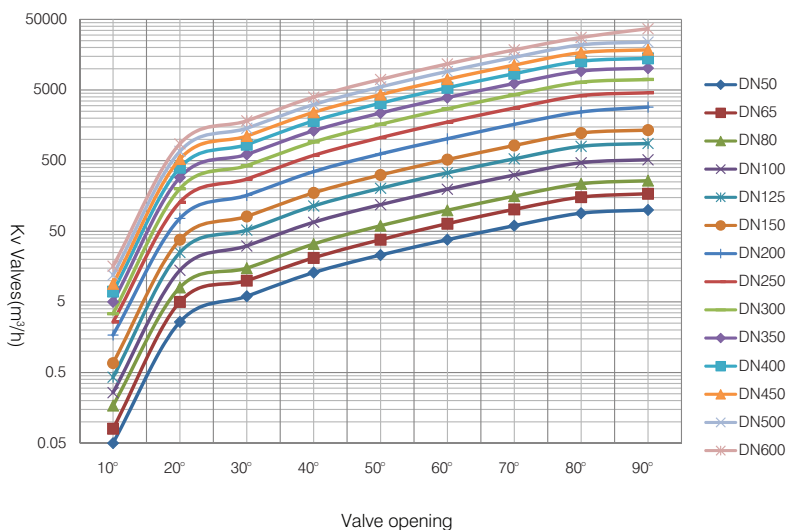
Technical data:

- Size: DN 50 - DN 600 (2" - 24").
- Nominal pressure: PN16.
- Temperature range: -5 °C to 85 °C.
- Suitable for water and neutral liquids.

Features and benefits:

- Flange type pattern design.
- Low torque operation.
- Designed with a bi-directional shut-off seat.
- Available in sizes 2" - 24".
- Manufactured from high quality ductile iron.
- Electrostatically coated with corrosion resistant epoxy powder internally and externally.
- Streamlined disc reduces head loss.
- Suitable for water and neutral liquids.
- Designed to facilitate easy mounting of hand gears and electric actuators.
- Valve seat fully vulcanized EPDM.
- Available with handwheel and gear operation.

Opening - Kv value curve



BZGX Flange Concentric Butterfly Valves

Order code option 1	Order code option 2	Order code option 3	Order code option 4	Size	DN	A mm	B mm	L mm	L2 mm	L1 mm	ØD mm	ØC mm	n-Ød mm	ØF mm	Weight (kg)
B0050CFDCG13SO	B0050CFDCG13SU	B0050CFDCG136U	B0050CFDCN136U	2"	50	131	83.25	108	220.5	155	165	125	4-M19	125	8.6
B0065CFDCG13SO	B0065CFDCG13SU	B0065CFDCG136U	B0065CFDCN136U	2.1/2"	65	142	85	112	231.5	155	185	145	4-M19	125	10.5
B0080CFDCG13SO	B0080CFDCG13SU	B0080CFDCG136U	B0080CFDCN136U	3"	80	155	92.5	114	244.5	155	200	160	8-M19	125	11.4
B0100CFDCG13SO	B0100CFDCG13SU	B0100CFDCG136U	B0100CFDCN136U	4"	100	168	108.5	127	257.5	155	220	180	8-M19	125	14.6
B0125CFDCG13SO	B0125CFDCG13SU	B0125CFDCG136U	B0125CFDCN136U	5"	125	184	121.5	140	273.5	155	250	210	8-M19	125	19.0
B0150CFDCG13SO	B0150CFDCG13SU	B0150CFDCG136U	B0150CFDCN136U	6"	150	202	138	140	291.5	155	285	240	8-M23	125	22.5
B0200CFDCG13SO	B0200CFDCG13SU	B0200CFDCG136U	B0200CFDCN136U	8"	200	241	161.5	152	369	170	340	295	8-M23	200	33.4
B0250CFDCG13SO	B0250CFDCG13SU	B0250CFDCG136U	B0250CFDCN136U	10"	250	272	195	165	400	170	405	355	12-M23	200	46.3
B0300CFDCG13SO	B0300CFDCG13SU	B0300CFDCG136U	B0300CFDCN136U	12"	300	308	222	178	436	170	460	410	12-M28	250	59.5
B0350CFDCG13SO	B0350CFDCG13SU	B0350CFDCG136U	B0350CFDCN136U	14"	350	330	250	190	520.5	250	520	470	16-M28	300	90.6
B0400CFDCG13SO	B0400CFDCG13SU	B0400CFDCG136U	B0400CFDCN136U	16"	400	375	292	216	565.5	292	580	525	16-M31	300	115.0
B0450CFDCG13SO	B0450CFDCG13SU	B0450CFDCG136U	B0450CFDCN136U	18"	450	405	307	222	647	307	640	585	16-M31	400	161.0
B0500CFDCG13SO	B0500CFDCG13SU	B0500CFDCG136U	B0500CFDCN136U	20"	500	450	342	229	692	342	715	650	20-M34	400	179.0
B0600CFDCG13SO	B0600CFDCG13SU	B0600CFDCG136U	B0600CFDCN136U	24"	600	518	433	267	816	433	840	770	20-M37	500	257.0

Option 1: BZGX Disc 304 SS, handwheel operated | **Option 2:** BZGX - Disc aluminium bronze with epoxy coating, T key operated

Option 3: BZGX - Disc 316 SS, T key operated | **Option 4:** BZGX - Disc 316 SS, operation bare stem