

CONCENTRIC BUTTERFLY VALVE

CRI make concentric butterfly valves confirms to EN/ISO/IS / API standards and has been designed to maintain the high quality and integrity of existing designs with more superior features. These valves are designed to meet bi-directional shut-off.

Specification:

Type : Concentric Butterfly valve

Size : 1.5" to 24" (DN 40 to DN 600)

Pressure rating : PN10/PN16

General design : EN 593, IS 13095

Flange drilling : ASME B 16.5/16.47/BS 10/DIN 2501

Testing standard & Test Pressure : API 598

- Shell strength & Joints : 1.5 X PN
- Seat leakage : 1.1 X PN

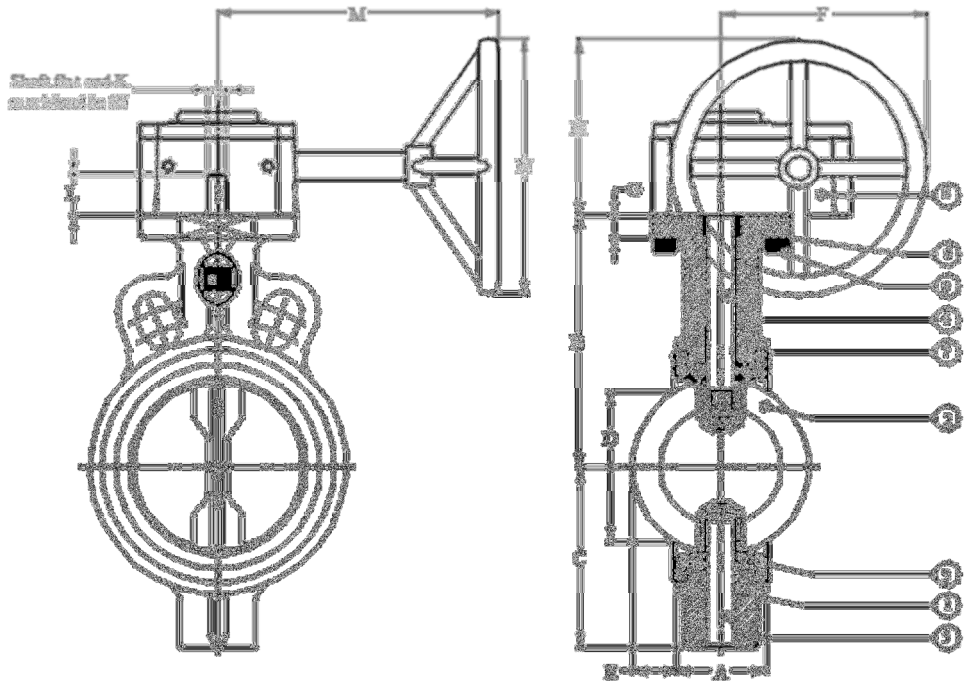
Operation : Gear boxes with Hand wheel,

Top flange conformity : ISO 5211



Product Characteristics / Features/Options:

- Replaceable long life durable Resilient seated
- Internally and externally Fusion bound non-toxic epoxy coating suitable for drinking water application NSF 61/ WRAS.
- Electric/Pneumatic/Hydraulic actuators
- Optional other coatings – Rilsan, Teflon, epoxy etc.



	A	B	C
1	SL.No	Description	Materials Specification
2	1	Body	CI (DN 50 TO 200) / DI (ABOVE DN 250)
3	2	Disc	DI / CF8 / CF8M
4	3	Seat	EPDM / NITRILE
5	4	Top Shaft	AISI 410
6	5	Bottom Shaft	AISI 410
7	6	Bush	PTFE
8	7	Plain Bearing	PTFE filled on steel casing / Teflon Sheet
9	8	Gear Box	Make: CRI
10	9	Allen Bolt	Alloy Steel Gr.8.8

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
2	Sl.No	Valve Size		A	B	C	D	E	F	G	H	M	N	Shaft End Connection			Flange Mounting (ISO 5211)	Torque in 'Nm'
3		in 'Inch'	In 'mm'											ØJ	K	L		
4	1	2"	50	43	114	70	28	4.5	138	13	130	180	200	12	9	25	F07	12
5	2	2½"	65	46	121	75	48	10.5	138	13	130	180	200	12	9	25	F07	20
6	3	3"	80	46	128	85	67	17.5	138	13	130	180	200	12	9	25	F07	27
7	4	4"	100	52	146	105	88	25	138	13	130	180	200	14	11	25	F07	41
8	5	5"	125	56	158	112	114	35.5	138	13	130	180	200	14	11	25	F07	62
9	6	6"	150	56	174	134	142	48	175	14	158	343	250	18	14	25	F10	93
10	7	8"	200	60	198	160	194	71.5	175	14	158	343	250	18	14	25	F10	175
11	8	10"	250	68	245	200	244	92	175	14	158	343	250	22	17	35	F10	250
12	9	12"	300	78	270	225	292	111	269	15	235	467.5	400	28	22	40	F12	350
13	10	14"	350	78	312	262	330	130	269	15	235	467.5	400	28	22	40	F12	505
14	11	16"	400	102	360	300	375	142	318	18	272	510	450	36	27	50	F14	790
15	12	18"	450	114	390	325	425	160	318	18	272	510	450	36	27	50	F14	1000
16	13	20"	500	127	410	350	470	180	318	18	272	510	450	48	36	65	F14	1250
17	14	24"	600	154	490	435	570	215	480	23	405	460	700	60	46	70	F16	2250