

## DOUBLE ECCENTRIC DOUBLE OFFSET BUTTERFLY VALVE

CRI make double offset butterfly valves conforms to EN/ISO/IS standards and has been designed to maintain the high quality and integrity of existing designs with more superior features. The double offset sealing with the soft seats on the disc to provide high sealing and reliability. These valves are designed to meet bi-directional shut-off.

### Specification:

Type: Double Eccentric Butterfly Valve

Size: 8" to 48" (DN 200 to DN 1200)

Pressure rating: PN10/PN16

General design: EN 1074 – 1 & 4, EN 593, IS 13095

Flange drilling: EN 1092-2 / IS 1538/ ASME

Testing standard & Test Pressure: EN 1074 – 1 & 2

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

Operation: Gear boxes with Hand wheel

Top flange conformity: ISO 5211



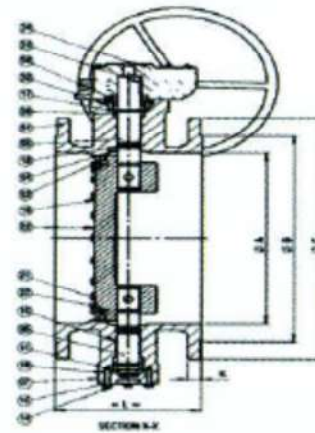
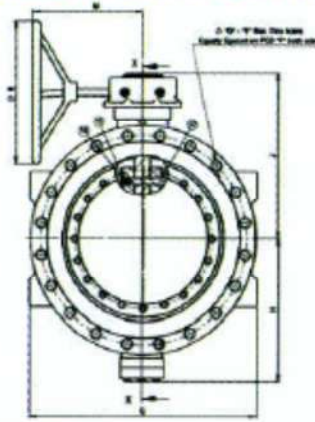
### Product Characteristics:

- Replaceable long life durable Resilient seated
- Internally and externally Fusion bound non-toxic epoxy coating suitable for drinking water application NSF 61/ WRAS

### Optional:

- Electric/Pneumatic/Hydraulic actuators
- Flange design according to ANSI 150
- Metal seat design
- Position indicators
- Other coatings – Rilsan, Teflon, etc...

## DIMENSIONS AND PART LIST - BUTTERFLY VALVE SERIES 614



### COMPONENTS LIST:

ITEM NO.	ITEM DESCRIPTION	MATERIAL	ITEM NO.	ITEM DESCRIPTION	MATERIAL
1	Body	Ductile Iron EN 1563 GGG50 & GGG 40	13	Dowel Pin Washer	SS 316/ EPDM
2	Disc	Ductile Iron EN 1563 GGG50 & GGG 40	14	Hex. Screw	ASTM A193 B8M
3	Seat Retainer Ring	SS 316	15	Sealing Washer	SS 316/ EPDM
4	Seat Ring	EPDM	16	CSK Screw (Dowel Pin)	ASTM A193 B8M
5	Upper Shaft	SS 316	17	O' Ring (Bush)	EPDM
6	Lower Shaft	SS 316	18	O' Ring (Stem)	EPDM
7	Bottom Flange	CF8M	19	O' Ring (Bottom Flange)	EPDM
8	Gland Plate	SS 316	20	Gland Gasket	EPDM
9	Bush	PH.BRONZE	21	Hex. Screw	ASTM A193 B8M
10	Plain Bearing	PTFE / SS304	22	O' Ring (Retainer Ring)	PTFE / SS304
11	Thurst Washer	PH.BRONZE	23	Key	SS 410
12	Dowel Pin		24	Gear Box	

(Materials to trim 601)

### DIMENSIONS (MM) FOR PN 16

SIZE DN	L	ØA	ØB	ØC	Flange			ØG	H	J	M	ØN	WEIGHT (kgs)
					ØD	E NOS	ØF PCD						
200	230	200	266	340	23	12	295	346	210	288	257	200	50
250	250	250	319	400	28	12	355	406	235	313	257	200	65
300	270	300	370	455	28	12	410	460	274	351	275	250	97
350	290	350	429	520	28	16	470	530	318	397	275	250	131
400	310	400	480	580	31	16	525	592	333	412	280	300	162
500	350	500	609	715	34	20	650	722	422	489	336	400	278
600	390	600	720	840	37	20	770	846	521	613	397	500	442
700	430	700	794	910	37	24	840	916	596	700	314	250	625
800	470	800	900	1025	41	24	950	1032	677	785	314	300	890
900	510	900	1000	1125	41	28	1050	1150	743	352	380	350	1184
1000	550	1000	1112	1255	44	28	1170	1264	835	950	380	350	1621
1200	630	1200	1328	1485	50	32	1390	1500	920	1050	380	350	2380

