

EN 593 Center Line Butterfly Valve

Specification

- Meet or exceed the requirements of EN593
- Centerline type
- Rubber seat liner bonded on the body
- Splined drive
- Mounting flange in accordance with ISO 5211
- Flange and drilling complies with EN1092 PN10/16
- Operated with gear operator

Working Pressure and Temperature

- 16bar rated at -10°C to 120°C for EPDM liner
- 16bar rated at -10°C to 82°C for BUNA-N liner

Corrosion Protection

- Fusion bonded coating or liquid painting interior and exterior

Options

- WRAS approved fusion bonded coating or liquid painting and rubber seat
- BUNA-N bonded body seat

Material Specifications

Part	Material	EN Specification
Body	Ductile Iron	EN 1563, GJS-450-10
Body Seat	Rubber	EN 681 EPDM
Shaft	Stainless Steel	EN 10088, X20Cr13 (1.4021)
Disc	Ductile Iron	EN 1563, GJS-450-10
Shaft Bush	Brass	EN 12168, CuZn39Pb3(CW614N)
Shaft Sealing	O-Ring	EN 681, BUNA-N
Shaft Retainer	Stainless Steel	EN 10088, X5CrNi18-10 (1.4301)
Bottom Plate	Ductile Iron	EN 1563, GJS-450-10

Dimensions(mm)

Size	350	400	450	500	600	700	750	800	900
L	2122	78	102	114	127	154	165	190	203
	2123	190	216	222	229	267	292	318	330
A	230	325	345	385	450	490	525	540	615
B	330	365	400	450	520	585	630	610	690
C	210	285	300	300	300	500	500	505	500
Mounting Flange	F12	F14		F16		F25			

Size	1000	1050	1200	1300	1400	1500	1600	1800	2000
L	2122	216	216	254	279	279	318	318	406
	2123	410	410	470	530	530	600	600	760
A	675	705	820	880	920	1010	1070	1200	1325
B	740	775	855	935	955	1070	1095	1280	1360
C	500	500	580	580	580	580	580	700	700
Mounting Flange	F25		F35			F40			

Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

FIG. LV2122-U Type Series 20 FIG. LV2123 Series 13

Schematic

