

Lug Butterfly Valve

Specification

- Meet or exceed the requirements of EN593, AS4795.1 and MSS SP-67
- Light weight design type
- Replaceable liner
- 2 shafts design
- Mounting flange in accordance with ISO 5211 or MSS SP-102
- Connection flanged ends: PN10/16, Class 125 and Table D/E
- WRAS approved

Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C for EPDM liner
- 16 bar / 250 psi rated at -10°C to 87°C for BUNA-N liner

Corrosion Protection

- Fusion bonded coating or liquid painting interior and exterior

Options

- SS304 / 316 stainless steel shaft
- GX5CrNiMo19-11-2 (1.4408) disc for #2502A
- Gear operator or handle operated
- Built-in temper switch of gear operator

Material Specification

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN1563,EN-GJS-450-10	A536 65-45-12
Shaft	Stainless Steel	EN10088,X20Cr13	A276,Grade 420
Disc	Stainless Steel	EN10213,GX5CrNi19-10	A351 CF8
	Bronze	EN1982,CC491K	B62 C83600
	Ductile Iron	EN1563,EN-GJS-450-10	A536 65-45-12
Liner	Rubber	EN681,EPDM or NBR	D2000
Bushing	Plastic	Commercial, PTFE	Commercial, PTFE
Shaft Sealing	O-Ring	EN681,BUNA-N	D2000 NBR

Dimensions

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	115	120	130	145	160	160	200	250	290
B	70	70	80	95	110	110	155	195	220
E	43	46	46	52	56	56	60	68	78
H	260	270	285	320	350	350	450	550	615
Shaft Top Section	11 x 11			14 x 14		17 x 17		22 x 22	
Mounting Flange	F07						F10		
L	260						326	416	
C	30								

Notes

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

FIG. LV2502A - Stainless Steel Disc
FIG. LV2503A - Bronze Disc
FIG. LV2504A - Ductile Iron Disc

Schematic

