

LUG TYPE BUTTERFLY VALVES MANUAL

Specification

- Meet or exceed the requirements of EN593, AS4795.1 and MSS SP-67.
- Replaceable liner for DN300 and below sizes. Vulcanized liner for DN350 and above size.
- 2 shafts for DN300 and below sizes and 1 shaft for DN350 and above size.
- 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/250psi rated at -10°C to 120°C for EPDM liner.
- 16 bar/250psi rated at -10°C to 87°C for BUNA-N liner.

Corrosion Protection

- Fusion bonded coating or liquid painting interior and exterior.

Options

- PN25 available.
- Ductile iron body.
- SS304 / 316 stainless steel shaft.
- GX5CrNiMo19-11-2 (1.4408) disc for #2502.
- Gear operator or handle operated.
- Built-in temper switch of gear operator.

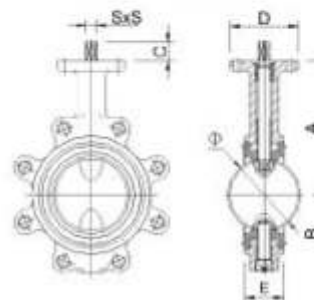
Material Specification

Part	Material	EN Specification	ASTM Specification
Body	Cast Iron	EN1561, EN-GJL-250	A126 Class B
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

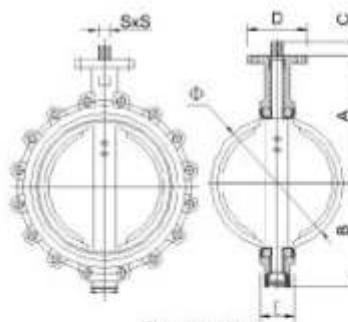
Dimensions(mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
A	140	155	160	180	190	205	240	275	315	370	400	425	480	565
B	70	80	85	100	120	135	165	200	230	290	315	340	390	450
E	43	46	46	52	56	56	60	68	78	78	88	100	127	154
Shaft Top Section	11 x 11			14 x 14		17 x 17		22 x 22			27 x 27		Dia. 48	
Mounting Flange	F07						F10			F12	F14		F16	
C	30									45				

Schematic



Size 50-300



Size 350-600