



LUG Butterfly Valve PN16

Fig. VA2502-Stainless Steel Disc
Fig. VA2503-Bronze Disc
Fig. VA2504-Ductile Disc
Specification

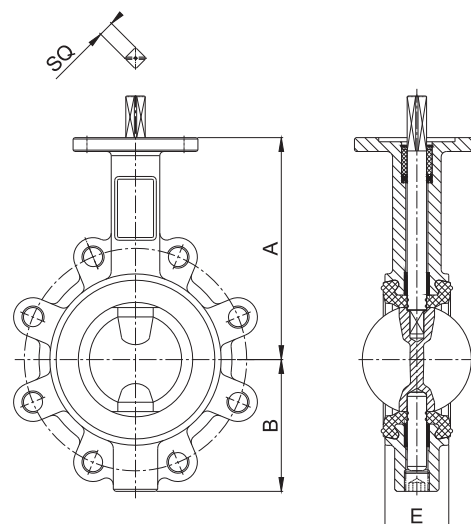
- ✓ Meet or exceed the requirements of EN593, AS4795.1 and API STD 609.
- ✓ Replaceable liner.
- ✓ 2 shafts.
- ✓ Mounting Flange in accordance with ISO 5211.
- ✓ Face to face dimensions comply with EN558 Series 20, ASME B16.10.
- ✓ Suitable Connection Flange with EN1092 PN10/16, ASME B16.1
- ✓ Class 125 and AS2129 Table D/E.
- ✓ Rated Working Pressure 16 bar/250 psi.
- ✓ WRAS Approved.
- ✓ Epoxy Coating

Material Specification

No.	Part Name	Material	EN Specification	ASTM Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
2	Shaft	Stainless Steel	EN 10088 X20Cr13	A276 Type 420
3	Disc	Stainless Steel	EN 10088 X5CrNi18-10	A351 Grade CF8
4	Disc	Bronze	EN 1982 CuSn5Zn5Pb5	B62 C83600
5	Disc	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
6	Liner	Rubber EPDM	EN681	D2000
7	Bushing	PTFE	Commercial	Commercial
8	Seal Ring	Rubber NBR	EN681 BUNA-N	D2000

Options

- ✓ Gray Cast Iron Body.
- ✓ Vulcanized liner available.
- ✓ 304/316 Stainless Steel Shaft.
- ✓ Gear Operator or handle Operated.
- ✓ Built-in Temper Switch of Gear Operator.



Main Dimensions (mm)

DN	50/2	65/2.5	80/3	100/4	125/5	150/6	200/8	250/10	300/12
A	140/5.51	155/6.10	160/6.30	180/7.09	190/7.48	225/8.86	240/9.45	275/10.83	315/12.40
B	80/.15	90/3.54	95/3.74	115/4.53	130/5.12	140/5.51	175/6.89	200/7.87	235/9.25
E	43/1.69	46/1.81	46/1.81	52/2.05	56/2.20	56/2.20	60/2.36	68/2.68	78/3.06
SQ	11 x11 (0.43x0.43)			14 x 14 (0.55x0.55)		17 x 17 (0.67x0.67)		22 x 22 (0.87x0.87)	
Mounting Flange	F07						F10		

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10 to 90°C

TEST PRESSURES Shell

- ✓ Shell: 24 bar Seat: 17.6 bar

Notes

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