



LUG Type Butterfly Valve PN16 – Gear Operated Fig. VA2504G

Specification

- ✓ Designed and manufactured in accordance with EN 593
- ✓ Lug type, resilient seated butterfly valve
- ✓ Replaceable EPDM liner
- ✓ Two-piece stem / split shaft design
- ✓ Top mounting flange in accordance with ISO 5211
- ✓ Face-to-face dimensions in accordance with EN 558, Series 20
- ✓ Suitable for installation with EN 1092-2 PN10/PN16 flanges
- ✓ Rated working pressure: PN16 – 16 bar
- ✓ Pressure testing in accordance with EN 12266-1
- ✓ Suitable for water and HVAC applications
- ✓ WRAS approved

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-450-10
2	Liner	Rubber EPDM	EN 681
3	Disc	Stainless Steel Bronze Ductile Iron	EN 10088 X5CrNi18-10 EN 1982 CuSn5Zn5Pb5 EN 1563 EN-GJS-450-10
4	Shaft	Stainless Steel	EN 10088 x17CrNi 16-2
5	Shaft Bushing	Brass	EN 12165 CuZn39Pb1
6	Seal Ring	Rubber NBR	EN 681 BUNA-N
7	Seal Bushing	PTFE	

Corrosion Protection

WRAS Listed Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Options

- ✓ Stainless Steel Disc - Fig. VA2502G
- ✓ Bronze Disc - Fig. VA2503G

Main Dimensions (mm)

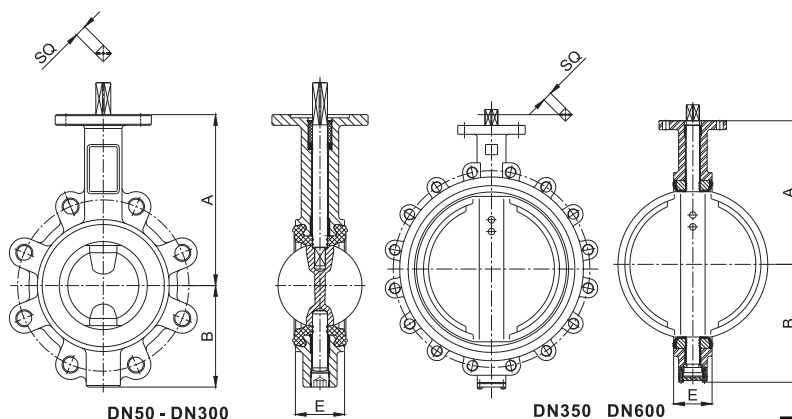
Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
A	140	155	160	180	190	225	240	275	315	370	400	425	480	565
B	80	90	95	115	130	140	175	200	235	290	315	340	390	450
E	43	46	46	52	56	56	60	68	80	78	88	109	127	154
SQ	11x11			14x14		17x17		22x22			27x27		Dia.48	
Mounting Flange	F07						F10			F12	F14		F16	

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 90°C
- WRAS Approved to -10°C to 85°C

HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

