

LUG Type Butterfly Valve PN16

Fig. VA2504

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 (232 psi).
- ✓ Pressure testing in accordance with EN 12266-1.
- ✓ Suitable for water and HVAC applications.
- ✓ WRAS approved

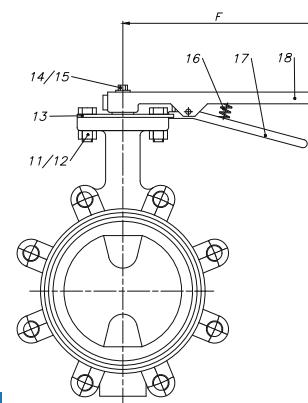


Material Specification

Item	Part Name	Material	Specification
1	Plug	Carbon Steel	EN 10083 C45
2	Washer	PTFE	
3	Body	Ductile Iron	EN 1563 EN-GJS-450-10
4	Lower Shaft	Stainless Steel	EN 10088 X20Cr13
5	Liner	Rubber	D2000 EPDM or NBR
6	Disc	Ductile Iron	EN 1563 EN-GJS-450-10
7	Upper Shaft	Stainless Steel	EN 10088 X20Cr13
8	O Ring	Rubber	EN 681 NBR
9	Circlips	Stainless Steel	EN 10088 X5CrNi18-10
10	Stop Collar	Carbon Steel	EN 10083 C45
11	Bolt	Carbon Steel	Grade 8.8
12	Nut	Carbon Steel	Grade 8
13	Indicator Plate	Carbon Steel	EN 10025 S235JR
14	Bolt	Carbon Steel	Grade 8.8
15	Washer	Stainless Steel	EN 10088 X5CrNi18-10
16	Spring	Stainless Steel	EN 10088 X5CrNi18-10
17	Lever	Ductile Iron	EN 1563 EN-GJS-450-10
18	Handle	Ductile Iron	EN 1563 EN-GJS-450-10

Corrosion Protection

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



Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	140	152	160	180	191	202	237	274	313
B	68	76	85	100	120	132	164	200	230
E	43	45	46	51.5	56	56.5	60	68.5	79.5
F	263	263	263	263	263	263	326	412	412

PRESSURE/ TEMPERATURE RATING

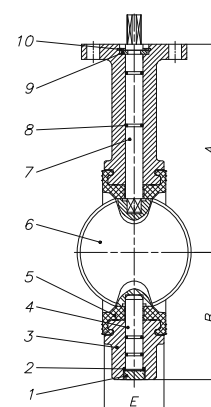
- ✓ 16 bar from -10°C to 90°C
- WRAS Approved to - 10°C to 85°C

HYDROSTATIC TEST PRESSURE

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

Options

- ✓ Stainless Steel Disc – Fig. VA2502
- ✓ Bronze Disc – Fig. VA2503
- ✓ Vulcanized EPDM Liner available
- ✓ 304 / 316 Stainless Steel Shaft available
- ✓ Lever or Worm Gear Operator
- ✓ Gear Operator with Built-in Tamper Switch available



Notes

Suitable connection flange with ANSI/ASME B16.1 Class125, ANSI/ASME B16.42 Class150. EN1092-2 PN10,PN16

Notes

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

