

Double Flanged Butterfly Valve

Gear Operated

Model: SD-16BVDF

The SD-16BVDF Butterfly Valve can be used for throttling or regulating flow as well as in a fully open and closed position. Concentric Butterfly Valve stem is centered in the middle of the disc and disc centered in the bore.



Product Specifications:

Working Pressure	PN16
Working Temperature	-5°C - +85°C
Flange Standard	EN 1092-2 PN16
Top Flange	ISO 5211
Designed	EN 593
Face to Face	EN 558-1 Series 1B
Test Standard	EN 12266
Working Medium	Water, etc.
Coating	Electrostatically applied epoxy resin internally & externally 250 microns

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Product Dimensions:

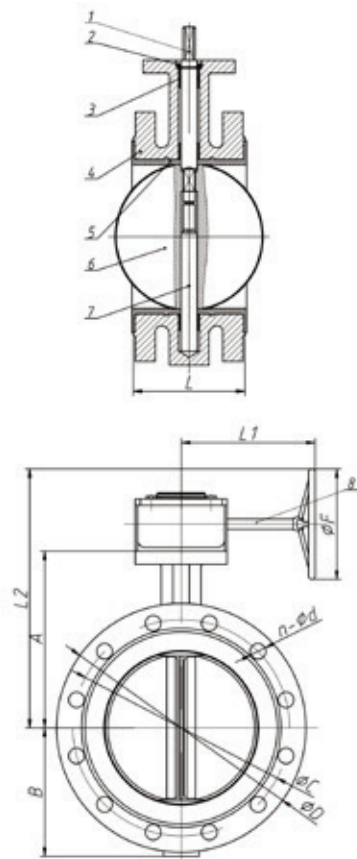
Double Flanged Butterfly Valve Concentric

DN	A	B	L	ΦC	ΦD	L1	L2	n-Φd	ΦF	Weight (kg)
50	131	83.25	108	125	165	155	220.5	4-M19	125	8.6
65	142	85	112	145	185	155	231.5	4-M19	125	10.5
80	155	92.5	114	160	200	155	244.5	8-M19	125	11.4
100	168	108.5	127	180	220	155	257.5	8-M19	125	14.6
125	184	121.5	140	210	250	155	273.5	8-M19	125	19.0
150	202	138	140	240	285	155	291.5	8-M23	125	22.5
200	241	161.5	152	295	340	170	369	8-M23	200	33.4
250	272	195	165	355	405	170	400	12-M23	200	46.3
300	308	222	178	410	460	170	436	12-M28	250	59.5
350	330	250	190	470	520	250	520.5	16-M28	300	90.6
400	375	292	216	525	580	292	565.5	16-M28	300	115.0
450	405	307	222	585	640	307	647	16-M31	400	161.0
500	450	342	229	650	715	342	692	20-M34	400	179.0
600	518	433	267	770	840	433	816	20-M37	500	257.0

NOTE:
 ▶ Dimensions are in mm
 ▶ PN25 rated valves are also available upon request.

Drawing Specification

No.	Part	Material
1	Stem	SS420/SS316
2	Washer	65Mn
3	O Ring	EPDM/NBR
4	Body	Ductile Iron GGG40
5	Seat	EPDM/NBR
6	Disc	SS304/SS316
7	Gear Box	Cast Iron Body, Hand Wheel Operator



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Miscellaneous Data:

1. Ordering Information

Example: SD-16BVDF-50

- SD-BVDF is the part number
- (50) Size

2. Contact Information

For further information on any aspect of the SHIELD Valves products please contact below:

MIDDLE EAST & AFRICA	UNITED KINGDOM
Jebel Ali Free Zone, Dubai, UAE P.O Box: 61199 Tel.: +971 4 881 2070 Fax: +971 4 881 2198 Email: shieldme@shielglobal.com	Unit 3, Endeavor Drive, Basildon-Essex, SS3 14WF Tel.: +44 1708 377731 Fax: +44 1708347637 Email: shielduk@shielglobal.com