

Double Flanged Butterfly Valves

BS EN 593

Double Eccentric Design

Size Range : 200mm - 2400mm

DF Butterfly Valve

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Conforms to BS 5155 Long Pattern design as standard. ISO 5752 Series 14 (F4)
(BS short also available -ISO 5752 Series 13)

High Strength Ductile Iron Body & Disc - GGG50

Stainless Steel SS316L Body Seat

Stainless Steel Shaft SS420 as standard.

Stainless Steel Retaining Ring - SS304

Stainless Steel Retaining Bolts - SS304/A2

Disc Seat in EPDM or NBR to suite application.

O-Ring Seals in EPDM or NBR.

External Bolts - Galvanised as standard.

ISO top flange fitted on gearbox as standard - making operation by actuation very easy.

WRAS approved FBE coating as standard

Flanged PN16 as standard



Options:

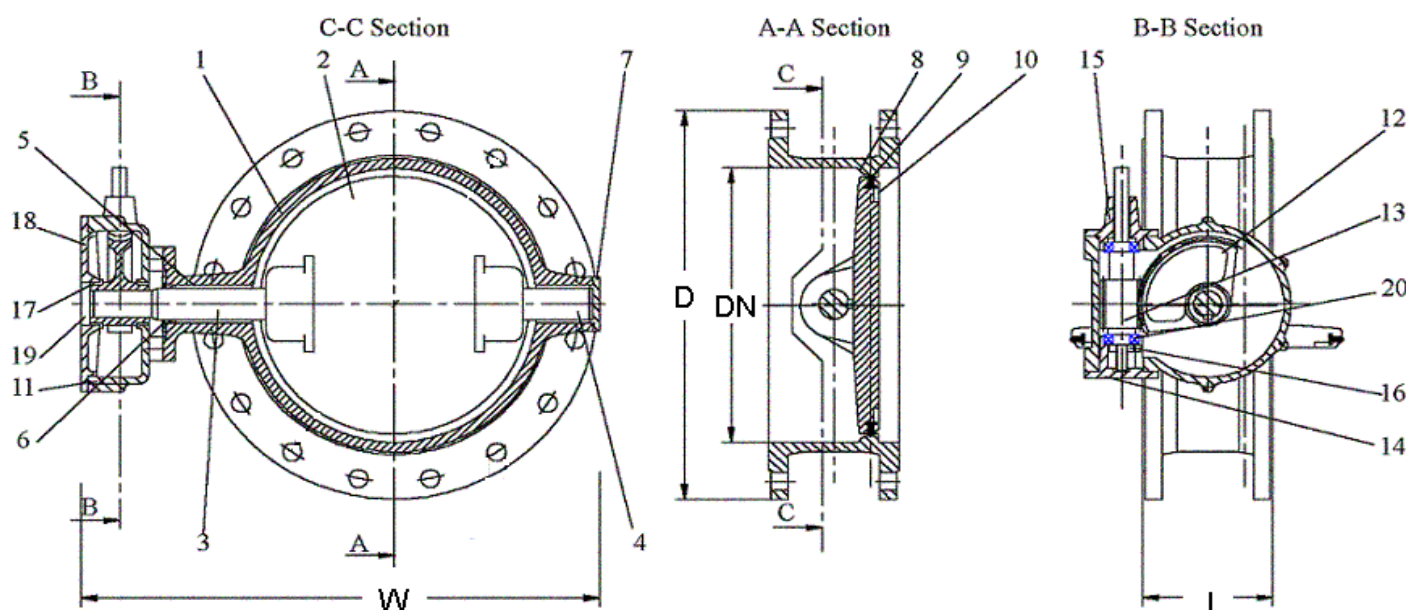
- * Flanges can be drilled PN10 or ANSI.
- * Available in PN25 and PN40
- * Shaft can be upgraded to SS304 or SS316
- * Retaining Bolts upgraded to A4
- * External Bolts upgraded to A2 or A4
- * EPDM or NBR gaskets available.
- * Gearbox can be upgraded to IP67-68 duty
- * Can be supplied with Actuator fitted.

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DN	Face - Face L - mm BS 5155 long DIN -F4 EN-558-S14	Face - Face L - mm BS 5155 short ISO 5752-13 EN-558-S13	Width W mm
200mm	230	152	493
250mm	250	165	560
300mm	270	178	628
350mm	290	190	700
400mm	310	216	783
450mm	330	222	866
500mm	350	229	943
600mm	390	267	1093
700mm	430	292	1186
800mm	470	318	1326
900mm	510	330	1471
1000mm	550	410	1605
1100mm	590	(410)	1751
1200mm	630	470	1906
1400mm	710	530	2133
1500mm	750	575	2215
1600mm	790	600	2449

For Valves 1800mm -2400mm and for any other technical information - Please contact us directly.

	Item	Material	Standard / Reference
1	Body	Ductile Iron	BS2789 - DIN 1563 - GGG50
2	Disc	Ductile Iron	BS2789 - DIN 1563 - GGG50
3	Shaft (Open End)	Stainless Steel	BS970 Grade SS 420
4	Shaft (Blank End)	Stainless Steel	BS970 Grade SS 420
5	Bearing	Bronze	BS1400 LG2
6	Sealing Cap	Ductile Iron	BS2789 - DIN 1563 - GGG50
7	Blind Cap	Ductile Iron	BS2789 - DIN 1563 - GGG50
8	Body Seat	Stainless Steel	BS970 Grade SS 316L
9	Disc Seat	NBR or EPDM	BS 6920
10	Retaining Ring	Stainless Steel	BS970 Grade SS 304
11	Gearbox Housing	Ductile Iron	BS2789 - DIN 1563 - GGG50
12	Worm Gear	Ductile Iron	BS2789 - DIN 1563 - GGG50
13	Helical Gears	High Tensile Steel	EN100083-3
14	Base Cover	Ductile Iron	BS2789 - DIN 1563 - GGG50
15	Top Cover	Ductile Iron	BS2789 - DIN 1563 - GGG50
16	Limit Nut	Ductile Iron	BS2789 - DIN 1563 - GGG50
17	Bearing	Bronze	BS1400 LG2
18	Front Cover	Ductile Iron	BS2789 - DIN 1563 - GGG50
19	Arrow Marker	Ductile Iron	BS2789 - DIN 1563 - GGG50
20	Roller Bearing	Bronze	BS1400 LG2