

DOUBLE FLANGED BUTTERFLY VALVE

6.2

PN 16 FLANGES

TEMPERATURE RANGE [°c]	EPDM -30 to 110	APPROVALS	WRAS Approved
	NBR -10 to 90	WORKING PRESSURE	10 Bar & 16 Bar
COATING	Epoxy Blue RAL 5015	STANDARD	BS EN 593/5581 BS EN 1074 1&2 BS 5155



Diameter	Face to Face	C/L to Top	C/L to Base	Stem Height	Width	Weight
"DN"	"L"	"H"	"H1"	"H2"	"A"	Kgs
50	108	118	67	25	165	7
65	112	126	74	25	185	8.8
80	114	133	82	25	200	10
100	127	147	100	25	220	13.5
125	140	160	112	28	250	17.2
150	140	180	134	28	285	21
200	152	204	172	28	340	31.6
250	165	245	203	30	405	46.5
300	178	270	241	30	460	69
350	190	315	282	29	520	95
400	216	350	307	29	580	120.5
450	222	375	352	38	640	150
500	229	415	387	38	715	210
600	267	465	452	48	840	291
700	292	555	489	110	910	365
800	318	620	549	120	1025	440
900	330	675	614	120	1125	671
1000	410	740	664	120	1255	990
1200	470	875	802	160	1485	1440

OPTIONS

- Body - Cast Steel, St. Steel, Aluminium, Bronze, D.I
- Liner - NBR, EPDM, Viton
- Disc - St. Steel, Duplex, Aluminium Bronze, Rilsan Coated
- Lever and Notch Plate, Gearbox & Actuator
- Chain Wheel
- PN25 Drillings

Technical drawings for illustrative purposes only.
Actual product may be subject to minor design changes.

All valves are pressure, functional and torque tested during and after assembly in accordance to API-598 or BS 5155



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DN	ISO Flange	Stem Size	Stem Height	Torque (Nm) at			
				2.5 bar	6 bar	10 bar	16 bar
50	F07	11 x 11	25	7	8	10	11
65	F07	11 x 11	25	8	9	12	15
80	F07	11 x 11	25	13	15	19	21
100	F07	11 x 11	25	18	23	28	35
125	F07	14 x 14	28	29	32	38	48
150	F07	14 x 14	28	55	65	75	85
200	F07	17 x 17	28	110	125	150	175
250	F10	22 x 22	30	210	240	270	330
300	F10	22 x 22	30	290	340	390	460
350	F12	27 x 27	29	390	460	550	640
400	F12	27 x 27	29	670	760	860	1000
450	F14	36 x 36	38	750	1000	1200	1400
500	F14	36 x 36	38	900	1200	1370	1710
600	F16	46 x 46	48	2100	2280	2565	2945
700	F16	70 (20 x 12 x 100)	110	3515	3895	4250	4940
800	F25	80 (22 x 14 x 110)	120	4750	5225	5600	6500
900	F25	90 (25 x 14 x 110) x2	120	5600	6400	7460	8560
1000	F25	90 (25 x 14 x 100) x2	120	8360	8800	9690	12350
1200	Please Enquire						

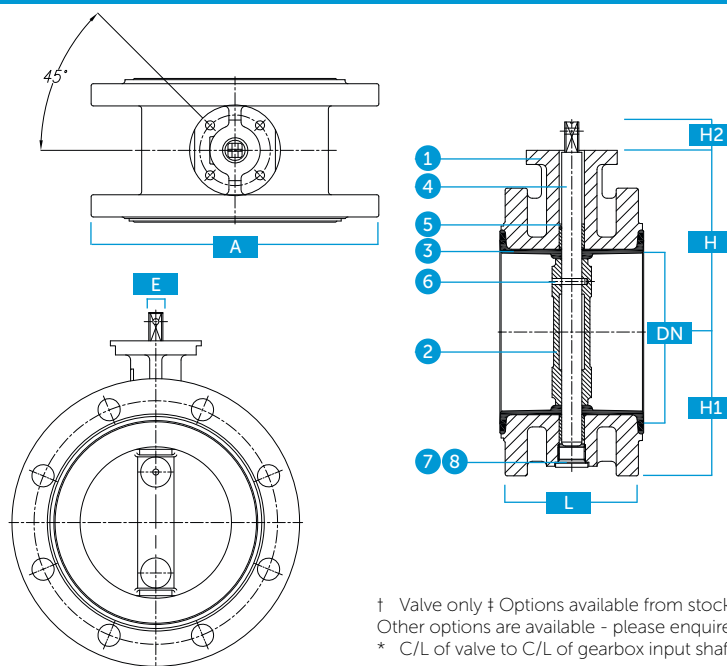
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PART NO.	PART	MATERIAL	STANDARD
1	Body	Ductile Iron	GGG40/BS 1563
2	Disc†	316 St. Steel	ASTM A743/1-4408
		Ductile Iron Rilsan Coated	EN 1563
3	Liner‡	Vulcanised EPDM	TEMP -30 TO 110°C
		Vulcanised Nitrile	TEMP 0 TO 90°C
4	Shaft	St. Steel	1.4122
5	Support Bearing	Phosphor Bronze	PB 104/BS EN 12164
6	Pin	St. Steel	1.4122/1.4408
7	Bearing Bush	Phosphor Bronze	PB 104/BS EN 12164
8	Stop Plug	Mild Steel	BS 970/EN 1A

Our butterfly valves come with vulcanised liners and provide 100% bubble-tight shut-off between disc and liner.

PAINT FINISH

Epoxy base primer:	25-30 microns blue
Two pack epoxy:	35-45 microns
DFT:	60-75 Microns



† Valve only ‡ Options available from stock.
Other options are available - please enquire
* C/L of valve to C/L of gearbox input shaft

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