

Butterfly Valve – Double Eccentric, Resilient Seated

PN10/16 Temp –20°C to 70°C

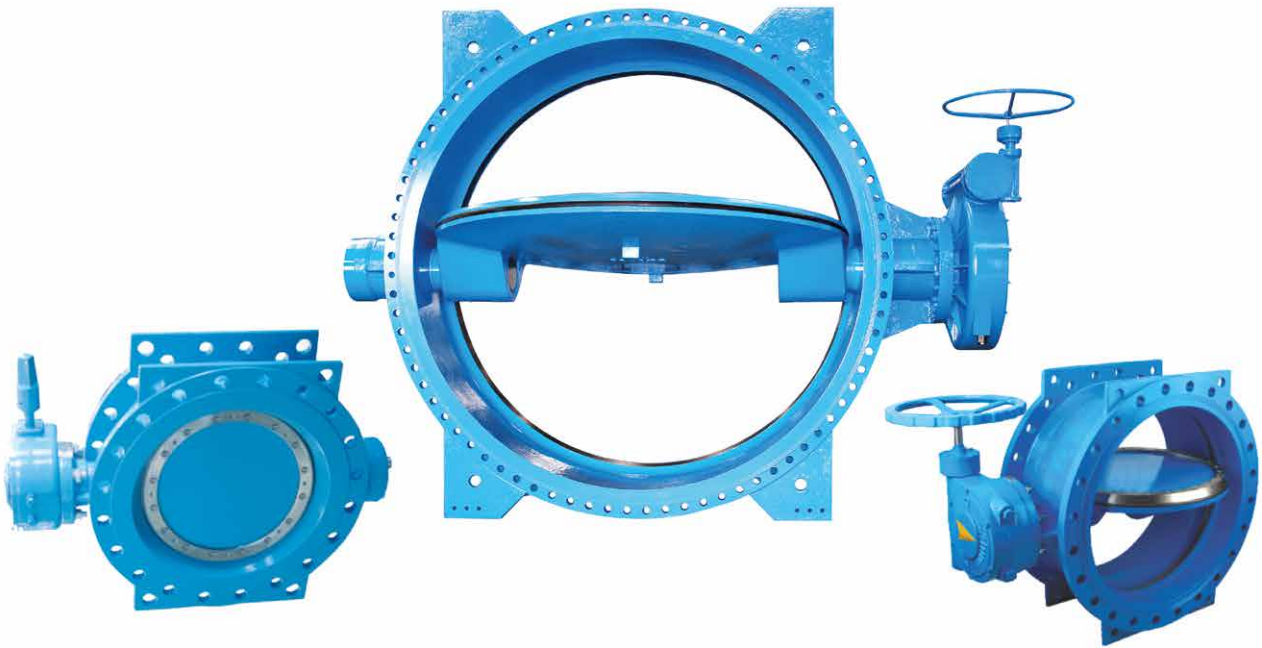
DN150 to DN2800, Sizes to DN5000 on request

Tel. +44 (0)1788 229 937
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- Double Eccentric Disc – Low Torque, Low Wear
- Replaceable EPDM Profile Ring secured on disc
- Seat Stainless St Weld Overlay – Micro Finish
- Strong Buried Service Worm Gear Box, IP 67
- Dynamic Disc Profile – Low Headloss, No Flutter
- Disc to Shaft Connection – Double Keyway & Pin
- Robust Construction – Surge Security, Long Life
- Rapid disc disengagement from Seat
- Stainless Steel Retaining Ring – adjustable seat tension
- Valve Body & Disc Ductile Iron
- Stainless Steel Shafts fully encapsulated
- Aluminium Bronze Bearings maintenance free
- Body & Disc Epoxy Coated 250 micron
- Fasteners Stainless Steel

Available with a wide range of gearbox options including buried duty, cap top, handwheel and actuated.



Technical information

WRAS approved materials
for use with potable water

WRAS Approved Materials

Manufacture

BS EN ISO9001:2015 QMS
ISO 14001:2004 EMS

Design Standard

EN593 & BS5155
F/F EN558 Series 13 & 14

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Materials List

No.	Name & Spec	Materials
1	Body	Ductile Iron EN-GJS-500-7
2	Body Seat Ring	Stainless Steel Weld Deposit-micro finish-304/316
3	Disc	Ductile Iron EN-GJS-500-7
4	Sealing Ring	EPDM(WRAS Potable Water Approved)
5	Retaining Ring/ 'O' Ring	Stainless Steel 304 +WRAS NBR 'O' Ring
6	Upper Shaft	Stainless Steel BS EN10088 Grade 1.4021
7	Lower Shaft	Stainless Steel BS EN10088 Grade 1.4021
8	Shaft Bearing	AL Bronze -ZnCuAL10Fe3
9	Pressed Cover	Ductile Iron EN-GJS-500-7
10	Bolts	Stainless Steel A2-70
11	Bolts	Stainless Steel A2-70
12	Fixing Plate	Stainless Steel 304
13	Thrust Washer	AL Bronze-ZnCuAL10Fe3
14	Adjustable Bolt	Stainless Steel 304
15	Nut	Stainless Steel 304
16	'O' Ring	NBR
17	'O' Ring	NBR
18	Bolts	Stainless Steel A2-70
19	'O' Ring	NBR
20	'O' Ring	NBR (WRAS Potable Water Approved)
21	Fixing Pin/Cap	Stainless Steel BS EN10088 Grade 1.4021
22	'O' Ring	NBR(WRAS Potable Water Approved)
23	Bolts	Stainless Steel 304
24	Key	Steel.Gr.45/2Cr13
25	Fixing Pin/Cap	Stainless Steel BS EN10088 Grade 1.4021
26	'O' Ring	NBR(WRAS Potable Water Approved)
27	Shaft Bearing	AL Bronze-ZnCuAL10Fe3
28	Chevron Seals	NBR (Potable Water Approved)
29	Bolts	Steel-Grade 12.9/Stainless Steel
30	Pressed Plate	Steel

Dimensions table

DN	Overall Dimensions								Face to Face	
	H1	H2	D	C	G	f	T	n-d	BSEN558 Series13	BSEN558 Series14
150	226	165	285	240	212	3	19	8-Ø23	140	210
200	255	192	340	295	268	3	20	12-Ø23	152	230
250	293	227	405	355	320	3	22	12-Ø28	165	250
300	326	260	460	410	378	4	24.5	12-Ø28	178	270
400	423	346	580	525	490	4	28	16-Ø31	216	310
450	455	385	640	585	550	4	30	20-Ø31	222	330
500	506	422	715	650	610	4	31.5	20-Ø34	229	350
600	568	490	840	770	725	5	36	20-Ø37	267	390
700	632	550	910	840	795	5	39.5	24-Ø37	292	430
800	692	615	1025	950	900	5	43	24-Ø40	318	470
900	815	678	1125	1050	1000	5	46.5	28-Ø40	330	510
1000	880	743	1255	1170	1115	5	50	28-Ø43	410	550
1200	1024	860	1485	1390	1330	5	57	32-Ø49	470	630
1400	1210	1010	1685	1590	1530	5	60	36-Ø49	530	710
1500	1300	1090	1820	1710	1642	5	62.5	36-Ø57	565	-
1600	1340	1140	1930	1820	1750	5	65	40-Ø56	600	790
1800	1460	1360	2130	2020	1950	5	70	44-Ø56	670	870
2000	1660	1485	2345	2230	2150	5	75	48-Ø62	760	950
2200	1760	1617	2550	2440	2370	6	60	52-Ø56	800	1000
2400	1885	1745	2760	2655	2570	6	62	56-Ø56	850	1100
2600	2004	1837	2960	2850	2780	6	64	60-Ø56	900	1200
2800	2134	1947	3180	3070	3000	6	74	64-Ø56	950	1300

Sizes up to DN5000 on request.

Utilities Valves reserves the right to change product design and specification without notice

