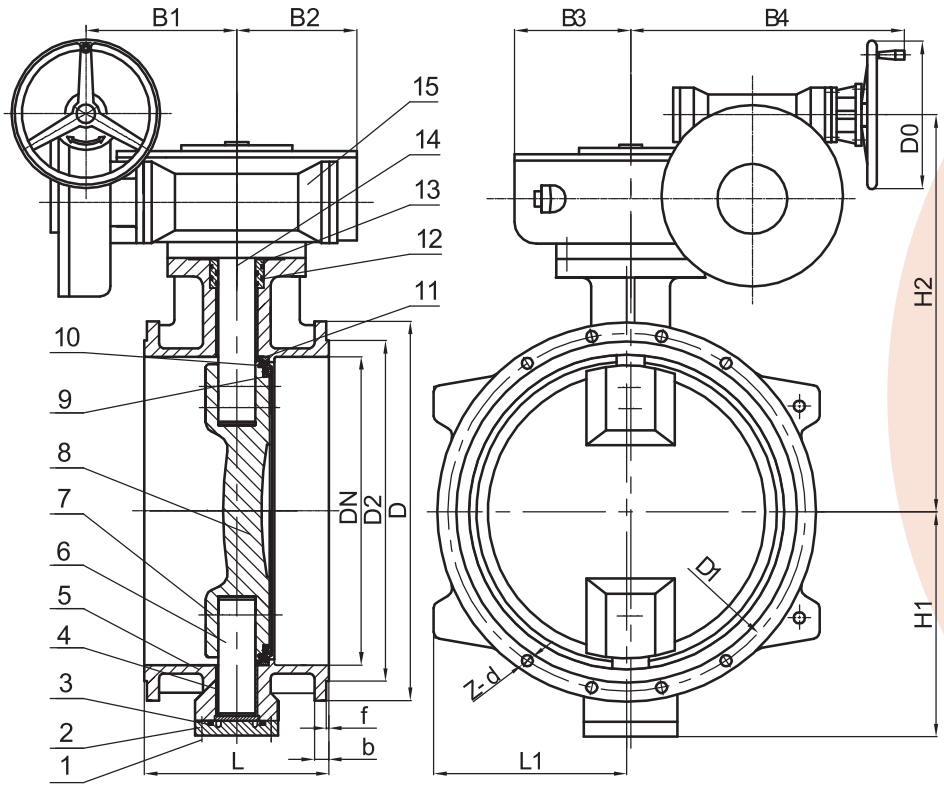
Double Eccentric Butterfly Valve PN 16



- WRAS approved design
- WRAS approved FBE coating minimum of 250 microns
- Approved for drinking water usage
- Flanged drilling according to EN1092-2 (ISO 7005-2) PN16
- Designed according to BS EN 593:2004
- Face to face standard: BS EN 558:2008 Series 14
- Tested according to BS EN 12266-1:2003 Rate A
- WRAS approved EPDM parts
- Ip67 Gearbox with handwheel and position indicator
- Tilted disc released the compression of disc sealing after a few degrees of opening
- Fixed disc in order to prevent wear or fluttering
- Options include extension spindle, surface box, gearbox options, dismantling joint and flange adaptor

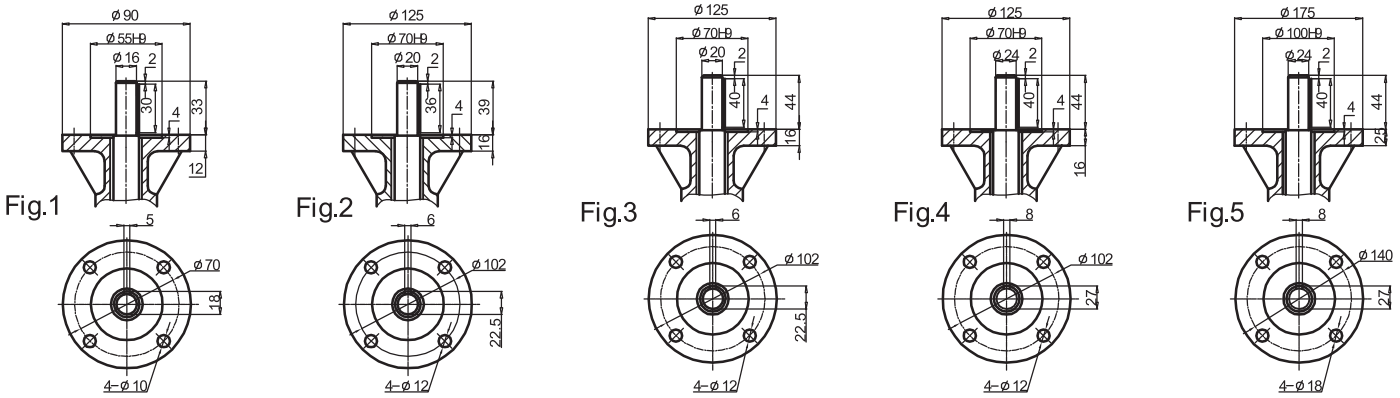
Nominal pressure (MPa)		**1.6**
Testing pressure (MPa)	Shell	**2.4**
	Seal	**1.76**
Working pressure (MPa)		**1.6**
Suitable temperature (°c)		**≤ 80**
Suitable medium		**Water**

Component list

№	Name of port	Material	Standard
1	Bolts	Steel	
2	End plate	Ductile Iron	EN-GJS:500-7
3	O-ring	EPDM	
4	Bushes	Du Bushes	BS2789
5	Body	Ductile Iron	EN-GJS:500-7
6	Stub shaft	Stainless Steel	SS420
7	Pin	Stainless Steel	SS420
8	Disk	Ductile Iron	EN-GJS:500-7
9	Retaining ring	Ductile Iron	EN-GJS:500-7
10	Disk seal ring	EPDM	
11	Body seal ring	Stainless Steel	SS304
12	Stuffing	EPDM	
13	Stuffing box	Gunmetal	LG2
14	Main shaft	Stainless Steel	SS420
15	Gearbox	Ductile Iron	EN-GJS:500-7

Tel: +44 (0) 208 088 4690 e-mail: sales@imcopipes.com

Double Eccentric Butterfly Valve PN 16



Technical Parameters												
DN (mm)	PN (Mpa)	L	D	D1	D2	b	f	z-d	B1	B2	B3	B4
200	1.6	230	Ø340	Ø295	Ø266	20	3	12-Ø23	125	87	105	320
250	1.6	250	Ø405	Ø355	Ø319	22	3	12-Ø28	125	87	105	320
300	1.6	270	Ø460	Ø410	Ø370	24.5	4	12-Ø28	125	87	105	320
350	1.6	290	Ø520	Ø470	Ø429	26.5	4	16-Ø28	125	87	105	320
400	1.6	310	Ø580	Ø525	Ø480	28	4	16-Ø31	190	126	133	435
450	1.6	330	Ø640	Ø585	Ø548	30	4	20-Ø31	190	126	133	435
500	1.6	350	Ø715	Ø650	Ø609	31.5	4	20-Ø34	190	126	133	480
600	1.6	390	Ø840	Ø770	Ø720	36	5	20-Ø37	230	146	178	505
700	1.6	430	Ø910	Ø840	Ø794	39.5	5	24-Ø37	230	146	178	505
800	1.6	470	Ø1025	Ø950	Ø901	43	5	24-Ø41	230	146	178	505
900	1.6	510	Ø1125	Ø1050	Ø1001	46.5	5	28-Ø41	233	212	216	526
1000	1.6	550	Ø1255	Ø1170	Ø1112	50	5	28-Ø44	228	212	216	526
1100	1.6	550	Ø1355	Ø1270	Ø1218	53.5	5	32-Ø44	302	253	283	544
1200	1.6	630	Ø1485	Ø1390	Ø1328	57	5	32-Ø50	302	253	283	544
1300	1.6	710	Ø1585	Ø1490	Ø1430	60	5	36-Ø50	287	270	302	626
1400	1.6	710	Ø1685	Ø1590	Ø1530	60	5	36-Ø50	352	320	330	670
1500	1.6	750	Ø1820	Ø1710	Ø1640	62.5	5	36-Ø57	352	320	330	636
1600	1.6	790	Ø1930	Ø1820	Ø1750	65	5	40-Ø57	352	320	380	626

DN (mm)	L1	D0	H1	H2	Torque (Nm)	Torque In (Nm)	Rounds (Gearbox)	Ratio Gear	Mounting Flange	Mounting Flange
200	178	Ø320	193	266	520	25	15	60:1	F10	Fig.2
250	210	Ø320	223	301	920	31	15	60:1	F10	Fig.2
300	238	Ø320	252	331	1066	36	15	60:1	F10	Fig.2
350	268	Ø320	296	378	1628	55	15	60:1	F10	Fig.2
400	298	Ø360	320	481	2734	50	75	300:1	F10	Fig.3
450	328	Ø360	354	511	3524	60	75	300:1	F10	Fig.3
500	365	Ø360	385	483	4682	50	75	300:1	F10	Fig.3
600	428	Ø400	465	549	7424	45	135	540:1	F10	Fig.3
700	465	Ø400	532	615	10520	65	135	540:1	F10	Fig.3
800	522	Ø400	588	664	14243	81	255	1020:1	F10	Fig.3
900	570	Ø500	640	832	19600	75	255	1020:1	F10	Fig.4
1000	635	Ø500	710	903	25765	98	412.5	1650:1	F10	Fig.4
1100	685	Ø500	760	992	31304	76	412.5	1650:1	F10	Fig.4
1200	750	Ø500	845	1077	36843	90	412.5	1650:1	F10	Fig.4
1300	802	Ø500	905	1157	44800	123	600	2400:1	F14	Fig.5
1400	850	Ø640	976	1292	51869	98	600	2400:1	F10	Fig.4
1500	918	Ø640	1035	1367	60704	130	600	2400:1	F14	Fig.5
1600	975	Ø640	1135	1465	68338	158	600	2400:1	F14	Fig.5