



شركة الأندلس للصناعات الهندسية - بيمكس

صمامات - حثضيات حريق - أنظمة حماية من الطرق المائي
محطات معالجة مياه الصرف الصحي والصناعي - شبكات مياه وصرف صحي
Valves - Fire hydrants - Anti Hammer systems - sewage &
industrial wastewater treatment plant - water & sanitation networks



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من نحن

شركة الاندلس للصناعات الهندسية - بيمكس هي شركة من كبرى الشركات في مجال المياه والصرف الصحي وأنظمة الحماية من الطرق المائي ومحطات معالجة مياه الصرف الصحي والصناعي وانفردت الشركة منذ انطلاقتها بتقديم التصاميم الخاصة بشبكات المياه الحديثة منخفضة التكاليف عالية الجودة والتي تتجنب جميع السلبيات الموجودة في التصاميم القديمة هذه التصاميم عالية الجودة طبقت في العديد من المشاريع منها مدينة الرحاب بالكامل ومدينة مدينتي لصالح مجموعة طلعت مصطفى وبن لادن العالمية. ومدينة دريم لاند لصالح مجموعة بهجت . ومدينة مرسى علم لصالح مجموعة الخرافي والعديد من المشاريع العملاقة الاخرى. كما تقوم الشركة بتصميم وتصنيع وتوريد وتركيب أنظمة الحماية من الطرق المائي ومحطات معالجة مياه الصرف الصحي والصناعي المدمجة والتي استخدمت في العديد من المشاريع الكبرى مثبتة كفاءتها العالية .

رؤيتنا

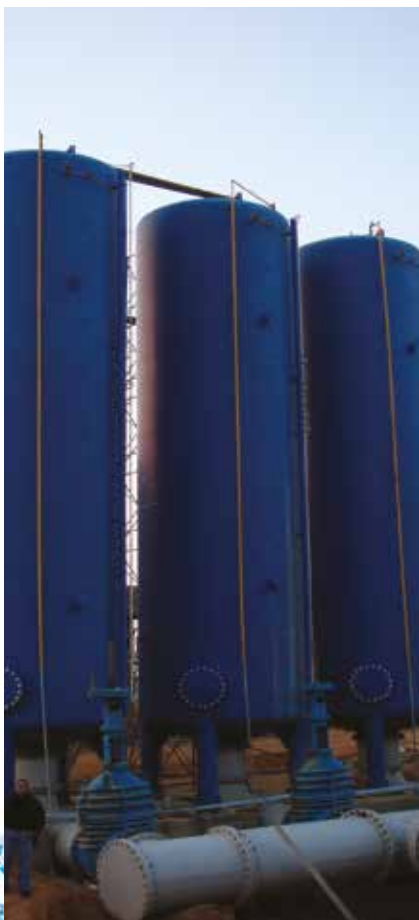
أكبر مصنع متكامل في العالم ...

رسالتنا

الأندلس للصناعات الهندسية - بيمكس شركة متخصصة في مجال المياه والصرف الصحي وأنظمة الحماية من الطرق المائي ومحطات معالجة مياه الصرف الصحي والصناعي وانفردت الشركة منذ انطلاقتها بتقديم التصاميم الخاصة بشبكات المياه الحديثة منخفضة التكاليف في مصر والوطن العربي بأحدث المواصفات العالمية مستخدمين التكنولوجيا الحديثة ومتميزين بدقة التصميم من خلال العنصر البشري ذو الخبرة والمصداقية من أجل النمو والاستمرار والمساهمة في تنمية المجتمع .

قيمتنا

إتقان العمل - روح الفريق - الاحترام المتبادل - الصدق - التواصل

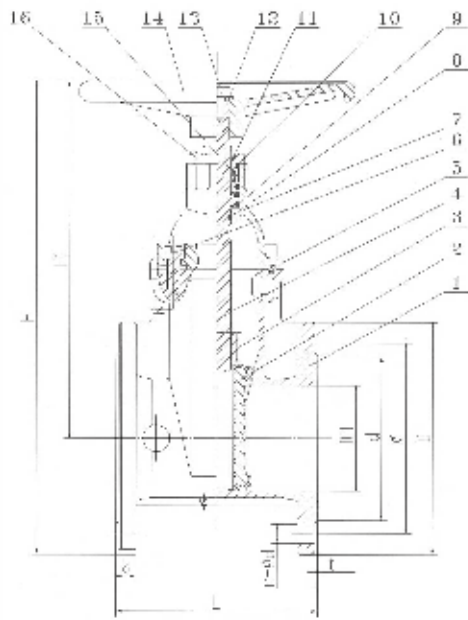


DOUBLE FLANGED SOFT SEALING GATE VALVE

Confirms to	DIN 3352
Working pressure	PN 10/16
Testing pressure	PN 16/25
Operating Temperature	0°C to 71°C



Applications: Potable water, Sewage, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Nº	Description	Material
1	Valve Body	Ductile iron GGG 50
2	Resilient Wedge	Ductile iron GGG 50 / EPDM
3	Wedge Nut	Bronze
4	Stem	Stainless steel
5	Bonnet Gasket	EPDM
6	Bonnet Screw	Steel ASTM 45#
7	Bonnet	Ductile iron GGG50
8	Stem Primary O-Ring	EPDM
9	Stem Thrust Washer	Nylon
10	Gland Seal O-Ring	EPDM
11	Stem Ring Wiper	EPDM
12	Operating Nut Washer	Carbon steel Zinc Plated
13	Operating Nut Screw	Carbon steel Zinc Plated
14	Handwheel	Ductile iron GGG 50
15	O-Ring	EPDM
16	Stem Bushing	Brass

DN	PN	L	n- Ø d	D	Ø	d	b	t	H	H1
50	PN10 PN16	150	4- Ø 19	165	125	98	19	3	335	253
65	PN10 PN16	170	4- Ø 19	185	145	118	19	3	376	284
80	PN10 PN16	180	4- Ø 19 8- Ø 19	200	160	133	19	3	420	320
100	PN10 PN16	190	8- Ø 19	220	180	153	19	3	453	343
125	PN10 PN16	200	8- Ø 19	250	210	183	19	3	533	408
150	PN10 PN16	210	8- Ø 23	285	240	209	19	3	567	425
200	PN10 PN16	230	8- Ø 23 12- Ø 23	340	295	264	20	3	700	530
250	PN10 PN16	250	12- Ø 23 12- Ø 28	400	350 355	319	22	3	821	621
300	PN10 PN16	270	12- Ø 23 12- Ø 28	455	400 410	367	24.5	4	930	703
350	PN10 PN16	290	16- Ø 23 16- Ø 28	520	460 470	429	26.5	4	1097	841
400	PN10 PN16	310	16- Ø 28 16- Ø 31	580	515 525	480	28	4	1199	922
450	PN10 PN16	330	20- Ø 29 20- Ø 31	640	565 585	550	30	4	1342	1022
500	PN10 PN16	350	20- Ø 29 20- Ø 35	715	620 650	609	31.5	4	1535	1177
600	PN10 PN16	390	20- Ø 32 20- Ø 37	840	725 770	682	36	5	1799	1379

- (1) Alternatively, can be supplied in elastomer NBR/SBR or others, upon request.
- (2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

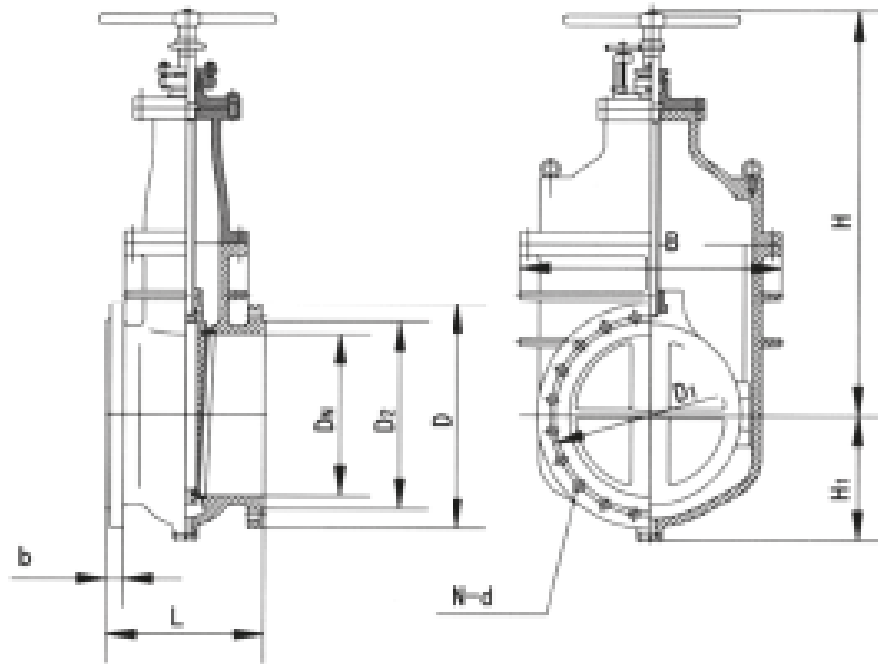
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED METAL SEATED GATE VALVE

Working pressure	PN 10/16
Testing pressure	PN 16/25
Design & Manufacture	ISO 5996-96
Inspection & Test	ISO5208-93
Flange Dimension	ISO 2531-98
Max. Operating Temp.	80°C



Applications: Potable water, Sewage, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material
Valve Body	Ductile iron GGG50
Gate	Ductile iron GGG50
Bonnet	Ductile iron GGG50
Stem	Stainless steel
Bonnet Gasket	EPDM
Gate Seal Ring	DIN 1709 Casting Alloy
Body Seal Ring	DIN 1705 Casting Alloy
Hand Wheel	Ductile iron GGG50

DN	D	D1	D2	n-d	L	b	B
100	220	180	156	8 -ø 19	229	24	226
125	250	210	184	8 -ø 19	254	26	258
150	285	240	211	8 -ø 23	267	26	310
200	340	295	266	8 -ø 23	292	26	378
250	395	350	319	12 -ø 23	330	28	470
300	445	400	370	12 -ø 23	356	28	526
350	505	460	429	16 -ø 23	381	30	610
400	565	515	480	16 -ø 28	406	32	676
450	615	565	530	20-ø 28	432	32	740
500	670	620	582	20 -ø 28	457	34	803
600	780	725	682	20 -ø 31	508	36	950

- (1) Alternatively, can be supplied in elastomer NBR/SBR or others, upon request.
- (2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

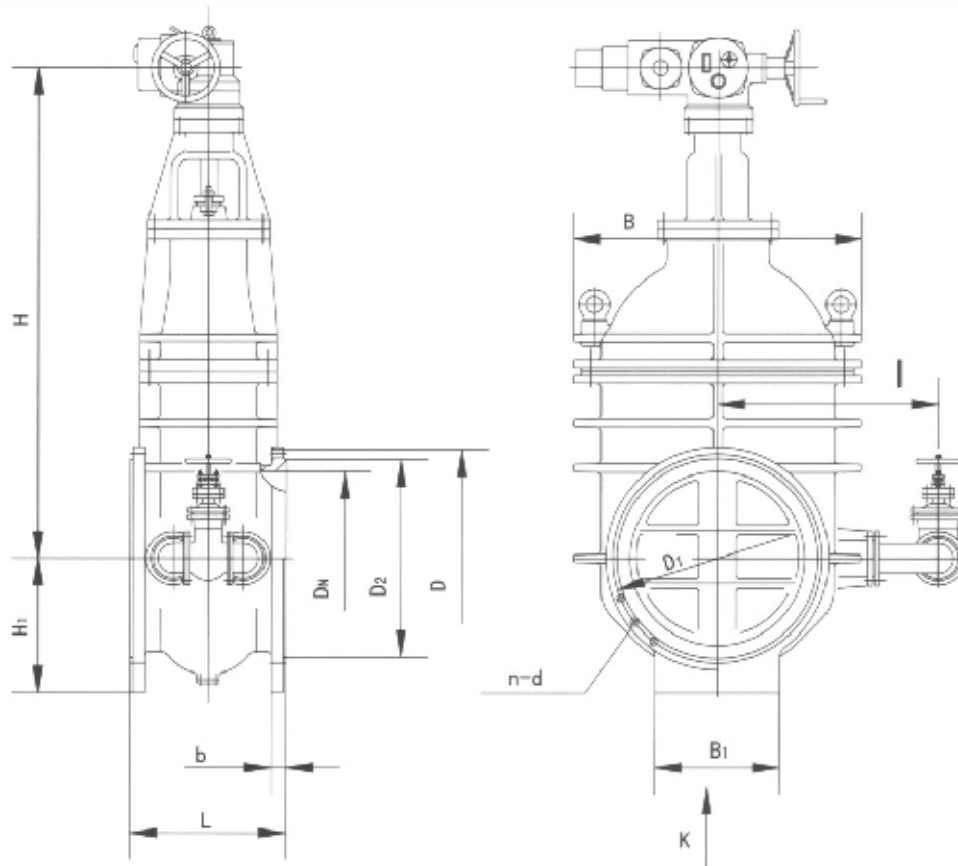
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED NON RISING STEM GATE VALVE

Confirms to	BS 5150
Working pressure	PN 10/16
Testing pressure	PN 16/25
Operating Temperature	≤ 80 °C



Applications: Potable water, Sewage, Air conditioning systems,
Chilled water pumps, Fire and Irrigation systems.



Description	Material
Valve Body	Ductile iron GGG50
Gate	Ductile iron GGG50
Bonnet	Ductile iron GGG50
Stem	Stainless steel
Gate Seal Ring	DIN 1709 -G -CuZn25Al5
Body Seal Ring	DIN 1705 -G -CuSn5ZnPb

DN	D	D1	D2	n-d	L	b	B	H	H1
600	780	725	682	20-Φ31	508	36	950	1610	-
700	895	840	794	24-Φ31	610	40	1156	1935	540
800	1015	950	901	24Φ34	660	44	1242	2058	555
900	1115	1050	1001	28-Φ34	711	46	1423	2292	685
1000	1230	1160	1112	28-Φ37	811	50	1467	2488	735
1200	1455	1380	1328	32-Φ40	1015	56	1790	2805	820
1400	1675	1590	1530	36-Φ43	1080	62	2000	3450	910
1600	1915	1820	1750	40-Φ49	1300	68	2400	4000	1040

(1) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

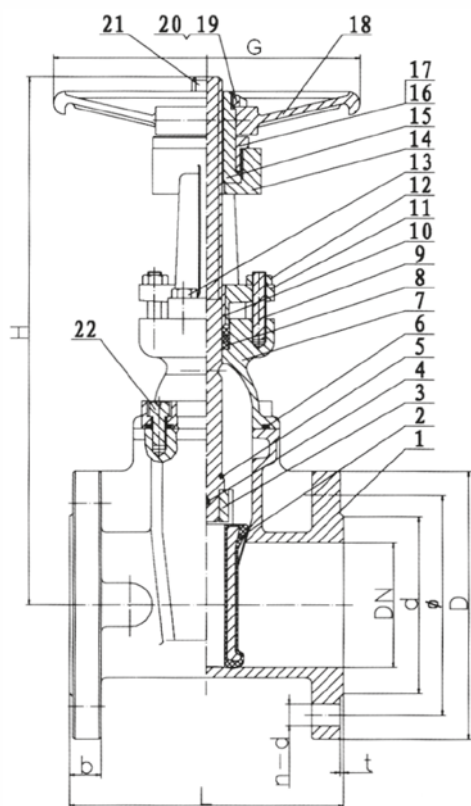
Quality control: each valve is entirely tested according to BS 6755.

DOUBLE FLANGED RISING STEM GATE VALVE

Confirms to	BS 5163
Working pressure	PN 10/16
Testing pressure	PN 16/25
Operating Temperature	0°C to 71°C



Applications: Potable water, Sewage, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



N°	Description	Material
1	Valve Body	Ductile iron GGG 50
2	Resilient Wedge	Ductile iron GGG 50 / EPDM
3	Wedge Nut	Bronze
4	Stem	Stainless steel
5	Stem Back Seat O-Ring	EPDM
6	Bonnet Gasket	EPDM
7	Bonnet	Ductile iron GGG50
8	Stem Packing	EPDM
9	Threaded Rod	Zinc Plated Carbon Steel
10	Gland Bushing	Bronze
11	Gland	Ductile iron GGG50
12	Gland Nut	Alloy Steel
13	Yoke Screw	Alloy Steel
14	Yoke	Ductile iron GGG50
15	Yoke Bushing	Bronze
16	Flat Point Set Screw	Black Oxide Alloy Steel
17	Yoke Bushing Retainer	Ductile iron GGG50
18	Hand wheel	Ductile iron GGG50
19	Hand wheel	Zinc Plated Carbon Steel
20	Flat Head Screw	Zinc Plated Carbon Steel
21	Stem	Stainless steel
22	Bonnet Screw	Alloy Steel

DN	PN	L	n-Ø d	D	Ø	d	b	t	H Open	H Closed	G
65	PN10 PN16	190	4-Ø 19	185	145	118	19	3	453	378	200
80	PN10 PN16	203	4-Ø 19 8-Ø 19	200	160	133	19	3	500	405	200
100	PN10 PN16	229	8-Ø 19	220	180	153	19	3	534	422	260
150	PN10 PN16	267	8-Ø 23	285	240	209	19	3	744	581	315
200	PN10 PN16	292	8-Ø 23 12-Ø 23	340	295	264	20	3	939	724	375
250	PN10 PN16	330	12-Ø 23 12-Ø 28	400	350 355	319	22	3	1139	877	416
300	PN10 PN16	356	12-Ø 23 12-Ø 28	455	400 410	367	24	4	1326	1014	445

- (1) Alternatively, the wedge can be supplied in elastomer NBR/SBR or others, upon request.
- (2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

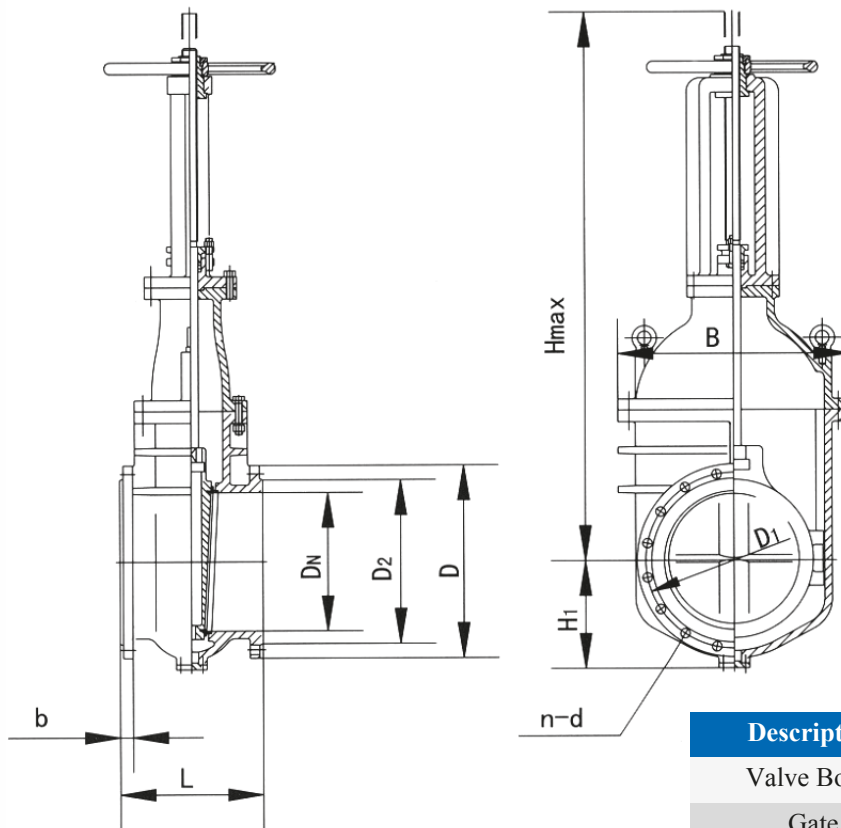
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED RISING STEM GATE VALVE

Working pressure	PN 10/16
Testing pressure	PN 16/25
Design & Manufacture	ISO 5996-96
Inspection & Test	ISO5208-93
Flange Dimension	ISO 2531-98
Max. Operating Temp.	80°C



Applications: Potable water, Sewage, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material
Valve Body	Ductile iron GGG50
Gate	Ductile iron GGG50
Bonnet	Ductile iron GGG50
Stem	Stainless steel
Bonnet Gasket	EPDM
Gate Seal Ring	DIN 1709 Casting Alloy
Body Seal Ring	DIN 1705 Casting Alloy
Hand Wheel	Ductile iron GGG50

DN	D	D1	D2	n-d	L	b	B	H max
100	220	180	156	8 -ø 19	229	24	226	558
125	250	210	184	8 -ø 19	254	26	258	672
150	285	240	211	8 -ø 23	267	26	310	160
200	340	295	266	8 -ø 23	292	26	378	1000
250	395	350	319	12 -ø 23	330	28	470	1234
300	445	400	370	12 -ø 23	356	28	526	1434
350	505	460	429	16 -ø 23	381	30	610	1830
400	565	515	480	16 -ø 28	406	32	676	1946
450	615	565	530	20 -ø 28	432	32	740	2220
500	670	620	582	20 -ø 28	457	34	803	2360
600	780	725	682	20 -ø 31	508	36	950	2720

- (1) Alternatively, can be supplied in elastomer NBR/SBR or others, upon request.
- (2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

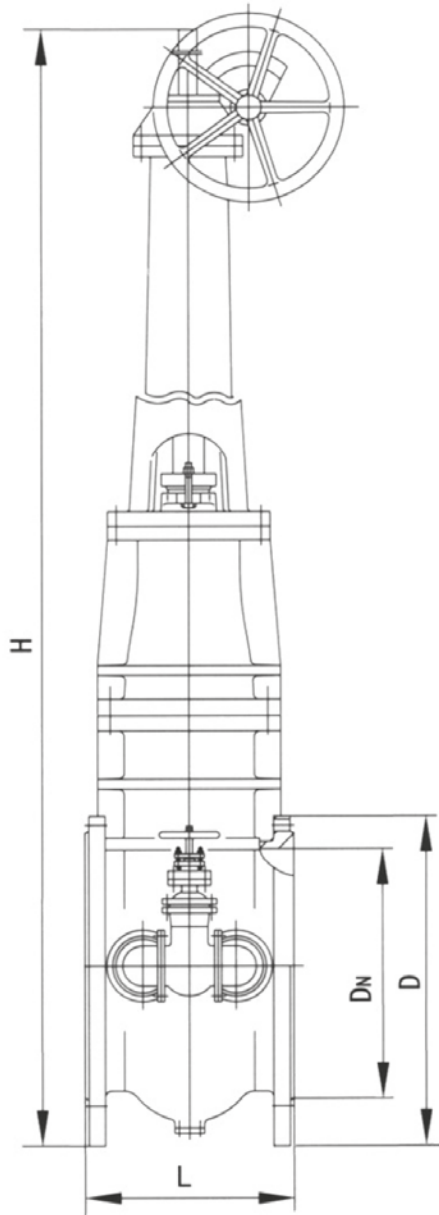
Quality control: each valve is entirely tested according to ISO 5208-93.

DOUBLE FLANGED RISING STEM GATE VALVE

Working pressure PN 10/16
Testing pressure PN 16/24
Applicable temperature ≤ 120°C



Suitable for: Potable water, Sewage, Air conditioning systems,
Chilled water pumps, Fire and Irrigation systems.
Valves > 600mm will be supplied with by-pass and bevel gear.



Description	Material
Body	Ductile cast iron GGG50
Gate	Ductile cast iron GGG50
Stem	Stainless Steel
Bonnet	Ductile cast iron GGG50
Stem nut	Copper alloy - Bronze
Body seal ring	Copper alloy - Bronze
Disc seal ring	Copper alloy - Bronze

DN	L	D	H
600	508	749	3115
700	610	859	3645
800	660	969	3945
900	711	1069	4595
1000	811	1181	5100
1200	1015	1410	5715
1400	1080	1629	6400
1500	1200	1820	6750

The valve can be operated as follow:

- a) With gear box.
- b) With electric actuator.

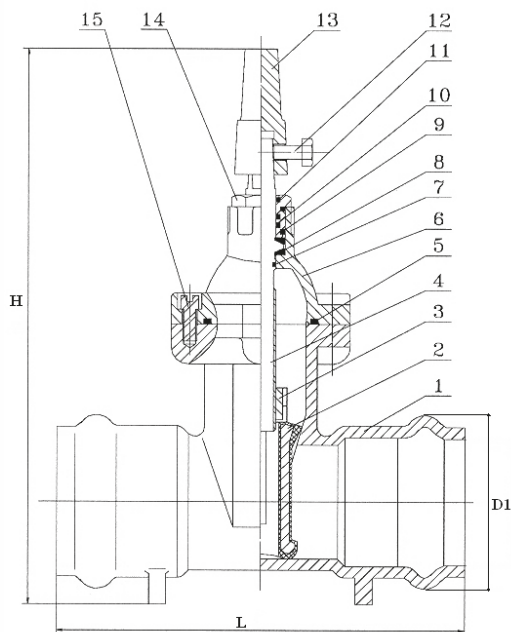
The epoxy resin coating is applied (inside and outside) with a minimum thickness of 250µ.
 Quality control: each valve is entirely tested according to ISO 5208.

SOFT SEALING GATE VALVE SOCKET ENDS FOR PVC

Confirms to	DIN 3352
Working pressure	PN 10/16
Testing pressure	PN 16/25
Operating Temperature	0°C to 71°C



Applications: Potable water, Sewage, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



N°	Description	Material
1	Valve Body	Ductile iron GGG50
2	Resilient Wedge	Ductile iron GGG50 / EPDM
3	Wedge Nut	Bronze
4	Stem	Stainless steel
5	Bonnet Gasket	EPDM
6	Bonnet	Ductile iron GGG50
7	Stem Primary O-Ring	EPDM
8	Stem Thrust Washer	Nylon
9	Gland Seal O-Ring	EPDM
10	Stem Primary O-Ring	EPDM
11	Stem Ring Wiper	EPDM
12	Operating Nut Screw	Carbon steel Zinc Plated
13	Square Operating Nut	Cast Iron
13A	Handwheel	Ductile iron GGG50
14	Stem Seal Bushing	Brass
15	Bonnet Screw	Alloy Steel ASTM 45#

DN	PVC Ø ext.	L	D1	H
50	63	335	97	350
65	75	335	110	403
80	90	335	130	460
100	110	335	152	480
150	160	405	208	600
200	200	450	256	740
200	225	450	281	740
250	250	510	312	840
300	315	510	379	970

- (1) Alternatively, can be supplied in elastomer NBR/SBR or others, upon request.
- (2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

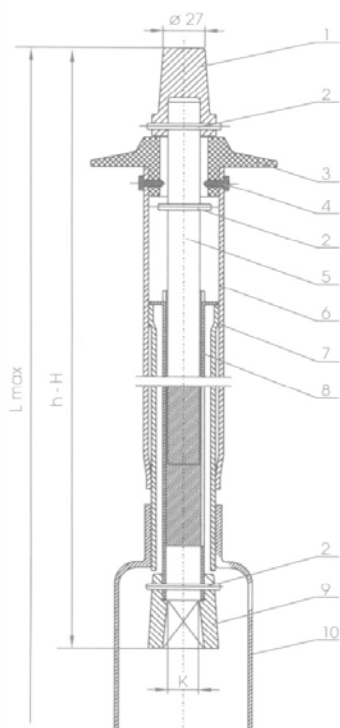
Quality control: each valve is entirely tested according to ISO 5208.

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TELESCOPIC EXTENSION SPINDLE





Nº	DESCRIPTION	MATERIAL
1	Head	GGG50
2	Pin	St3s/Zn
3	Cover	PE
4	Pin	PE
5	Rod	St3s/Zn
6	Protection pipe	PE
7	Protection pipe	PE
8	Section	St3s/Zn
9	Cap	GGG50
10	Shield	PE

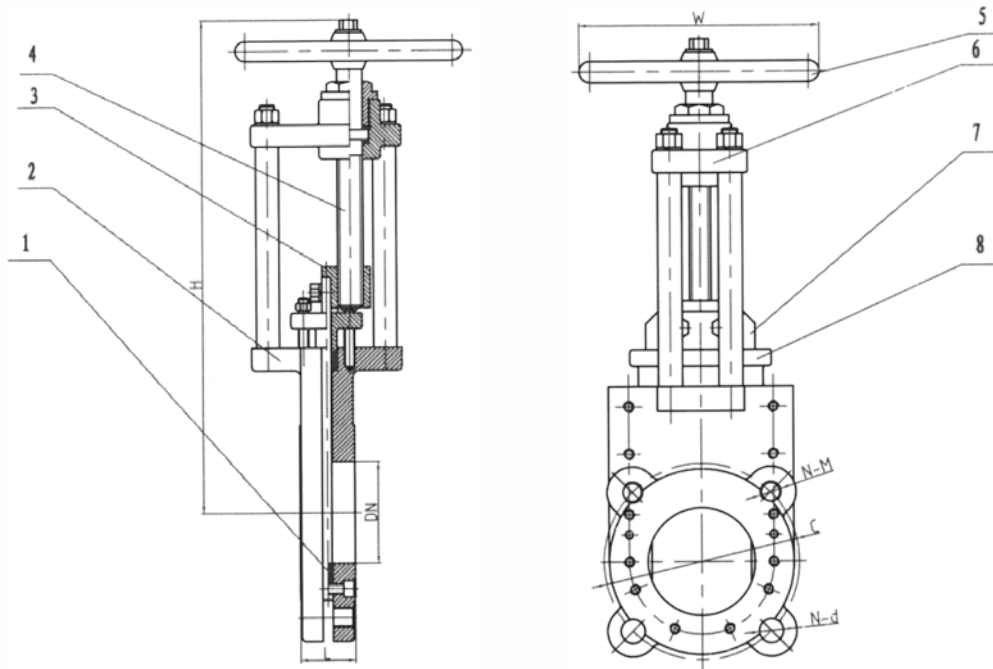
DN	40	50	80	100	150	200	250	300	350	400
h (mm)	1000	1000	950	950	950	950	950	950	950	950
H (mm)	1600	1600	1550	1550	1500	1500	1500	1500	1500	1500
K (mm)	14	14	17	19	19	24	27	27	27	32
L. max. (mm)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Kgs	3,3	3,3	4,4	4,65	4,65	7,1	7,25	7,25	8,0	8,0

KNIFE GATE VALVE

Working pressure	PN 10/16
Testing pressure	PN 16/25
According to	DIN 2501



Application : Potable water, Sewage, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



N°	Description	Material
1	“U” Seat	NBR/EPDM
2	Body	GGG40
3	Stem nut	38-2-2
4	Stem	2Cr13
5	Hand wheel	GGG40
6	Cover	GGG40
7	Knife	St.St 306/316
8	Sealing cover	GGG40

DN	H	L	C	N-D	W
50	290	43	125	4-M16	180
65	295	46	145	4-M16	180
80	320	46	160	8-M16	200
100	365	52	180	8-M16	250
125	405	56	210	8-M16	300
150	478	56	240	8-M20	350
200	545	60	295	8-M20	350
250	692	68	350	12-M20	400
300	785	78	400	12-M20	450
350	892	78	460	16-M20	500
400	998	102	515	12-M24	600
450	1120	114	565	20-M22	650
500	1310	127	620	20-M24	750
600	1595	154	725	20-M27	800

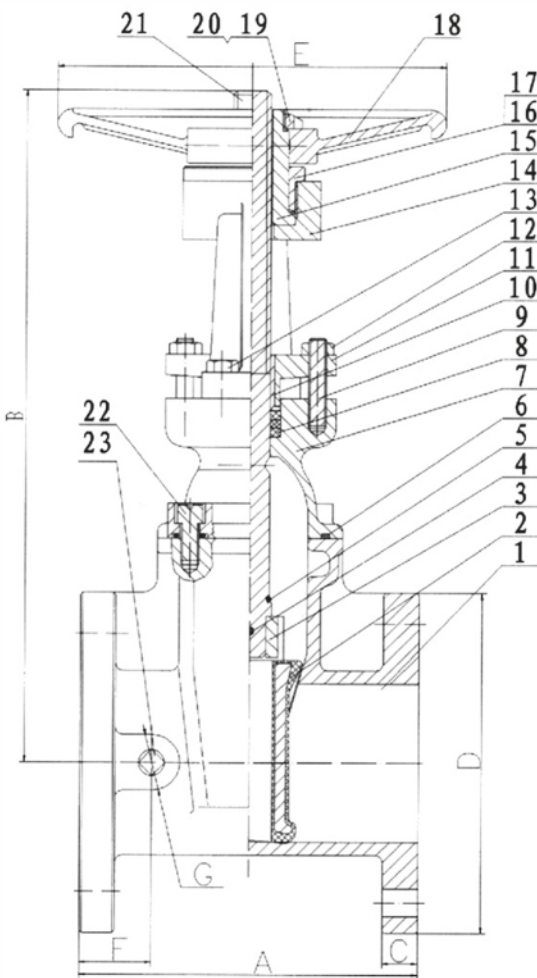
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED RISING STEM GATE VALVE

Confirms to AWWA C509 250 PSI/17.2 Bar
Non-Shock Cold Working
Max. Operating Temp. 160° F/71° C



Fire Protection Valve – Outside screw and Yoke – Resilient
Wedge – Epoxy Coated – Interior/Exterior – Pre-Grooved
Stem for Supervisory Switch – Drilled, Tapped and
Plugged at Boss Location A**



N°	Description	Material
1	Valve Body	Ductile iron ASTM A 536
2	Resilient Wedge	Ductile iron ASTM A 536/EPDM ASTM D 2000
3	Wedge Nut	Bronze ASTM B 584 UNS C83600
4	Dowel Pin	Stainless steel ASTM A 276 UNS S42000
5	Stem Back Seat O-Ring	EPDM ASTM D 2000
6	Bonnet Gasket	EPDM ASTM D 2000
7	Bonnet	Ductile iron ASTM A 536
8	Stem Packing	EPDM ASTM D 2000
9	Threaded Rod	Carbon Steel Zinc Plated
10	Gland Bushing	Bronze ASTM B 584
11	Gland	Cast iron ASTM A 126-B
12	Gland Nut	Stainless steel 18- 8
13	Yoke Screw	Alloy Steel ASTM A 574M Zinc Plated
14	Yoke	Cast iron ASTM A 126-B
15	Yoke Bushing	Bronze ASTM B 584
16	Flat Point Set Screw	Alloy Steel ASTM F 912M Black Oxide
17	Yoke Bushing Retainer	Cast iron ASTM A 126-B
18	Hand wheel	Ductile iron ASTM A 536
19	Hand wheel Nut	Carbon Steel Zinc Plated
20	Flat Head Screw	Carbon Steel Zinc Plated
21	Stem	Bronze ASTM B 150 UNS C61400
22	Bonnet Screw	Alloy Steel ASTM A 574M Zinc Plated
23	NPT Pipe Plug	Malleable iron ANSI B16.3(Epoxy Coated)

DN	A	B Open	B Close	C	D	E	F	G	Bolt Circle	Flange Holes	Turns to Open
65	190	453	378	17.5	178	200	38	40	140	4	8.8
80	203	500	405	19	191	200	44	54	152	4	10.5
100	229	534	422	24	229	260	54	54	191	8	10.4
150	267	744	581	24.4	279	315	57	64	241	8	15.7
200	292	939	724	28.6	343	375	63	70	298	8	17.2
250	330	1139	877	30.2	406	416	65	70	362	12	21.4
300	356	1326	1014	31.8	483	445	74	86	432	12	25.5

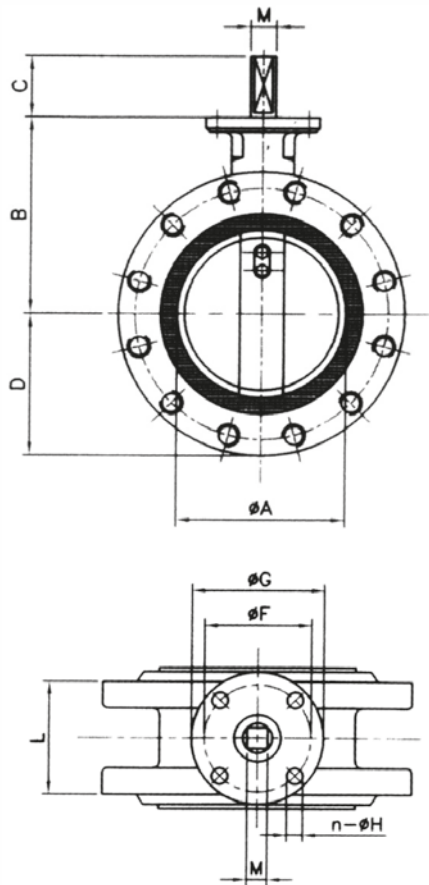
Electrostatically applied fusion-bonded epoxy coated inside and outside per AWWA C-550

DOUBLE FLANGED BUTTERFLY VALVE PNEUMATICALLY OPERATED

Working pressure PN 10/16
Testing pressure PN 16/25
Face-to-face dimensions ISO 5752 (BS 5155)



Application: Potable water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material	Norms
Body	DCI GGG50	DIN 1693
Disc	DCI GGG50	DIN 1693
Body sealing	Elastomer EPDM	DIN 1705 (RG 5)
Shaft	Stainless steel	AISI 410
Gear box	DCI GGG50	DIN 1693
Hand wheel	Steel	-
Coating	Epoxy 250µ(in-out)	-

DN	ØA	B	C	D	ØF	ØG	L	M
50	51	120	32	65	50	65	108	9
65	63	126	32	70	50	65	112	9
80	78	133	32	80	50	65	114	9
100	102	148	32	100	70	90	127	11
125	122	160	32	110	70	90	140	14
150	155	180	32	135	70	90	140	14
200	201	205	40	160	102	125	152	17
250	249	246	40	196	102	125	165	22
300	300	270	40	220	102	125	178	22
350	332	316	40	256	102	125	190	22
400	388	365	52	308	140	175	216	22
450	439	390	52	335	165	210	222	27
500	490	415	64	360	165	210	229	27
600	590	510	64	426	165	210	267	36
700	692	560	66	480	254	300	292	36
800	792	610	90	525	254	300	318	36
900	861	690	110	635	254	300	330	55
1000	961	740	110	685	298	250	410	55
1200	961	856	120	870	298	350	470	75

- (1) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.
- (3) The valve can operated as following:
 - a-With gear box.
 - b-With electric actuator.
 - d-With pneumatic actuator.
 - e-With hydraulic actuator.

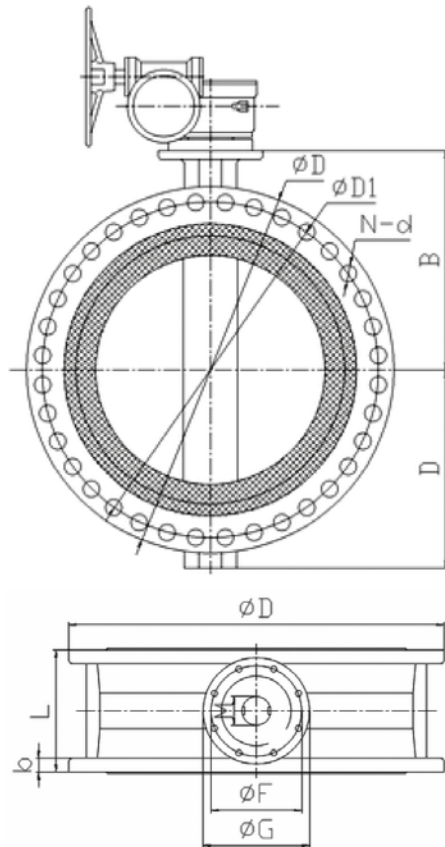
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED BUTTERFLY VALVE

Working pressure PN 10
Testing pressure PN 16
Face-to-face dimensions ISO 5752 (BS 5155)



Application: Potable water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material	Norms
Body	DCI GGG50	DIN 1693
Disc	DCI GGG50	DIN 1693
Body sealing	Elastomer EPDM	DIN 1705 (RG 5)
Shaft	Stainless steel	AISI 410
Gear box	DCI GGG50	DIN 1693
Hand wheel	Steel	-
Coating	Epoxy 250 μ (in-out)	-

DN	L	ØD	ØD1	b	N-d	B	D	ØF	ØG	M
50	108	165	125	19	4-19	120	65	50	65	9
65	112	185	146	19	4-19	126	70	50	65	9
80	114	200	160	19	8-19	133	80	50	65	9
100	127	220	180	19	8-19	148	100	70	90	11
125	140	250	210	19	8-19	160	110	70	90	14
150	140	285	240	19	8-23	180	135	70	90	14
200	152	340	295	20	8-23	205	160	102	125	17
250	165	400	350	22	12-23	246	196	102	125	22
300	178	455	400	24	12-23	270	220	102	125	22
350	190	505	460	24	16-23	316	256	102	125	22
400	216	565	515	24	16-28	365	308	140	175	22
450	222	615	565	24	20-28	390	335	165	210	27
500	229	670	620	26	20-28	415	360	165	210	27
600	267	780	725	30	20-31	510	426	165	210	36
700	292	895	840	32	24-31	560	480	254	300	36
800	318	1015	950	35	24-34	610	525	254	300	36
900	330	1115	1050	37	28-34	690	635	254	300	55
1000	410	1230	1160	40	28-37	740	685	298	250	55
1200	470	1455	1380	45	32-40	856	870	298	350	75

- (1) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250 μ .
- (3) The valve can operated as following:
 - a-With gear box.
 - b-With electric actuator.
 - d-With pneumatic actuator.
 - e-With hydraulic actuator.

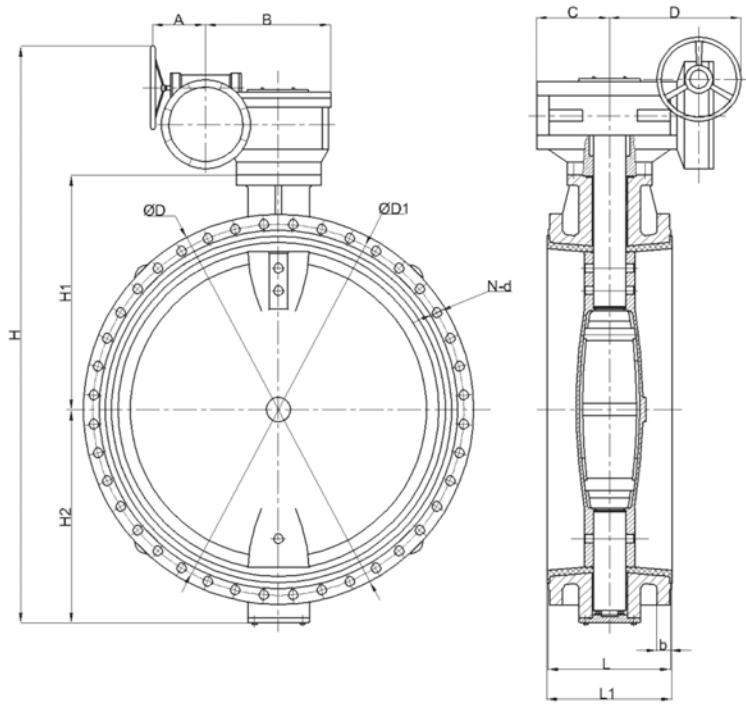
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED BUTTERFLY VALVE

Working pressure PN 10
Testing pressure PN 16
Face-to-face dimensions ISO 5752 (BS 5155)



Application: Potable water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material	Norms
Body	DCI GGG50	DIN 1693
Disc	DCI GGG50	DIN 1693
Body sealing	Elastomer EPDM	DIN 1705 (RG 5)
Shaft	Stainless steel	AISI 304/316/410
Gear box	DCI GGG50	DIN 1693
Hand wheel	Steel	-
Coating	Epoxy 250µ(in-out)	-

DN	H	H1	H2	L	L1	ØD	ØD1	b	N-d	A	B	C	D
1400	2785	1000	925	530	538	1675	1590	46	36-Ø43	308	694	350	683
1500	2860	1050	950	570	580	1785	1700	47	36-Ø43	308	694	350	683
1600	3055	1150	1045	600	610	1915	1820	49	40-Ø49	308	694	350	683
1800	3224	1200	1156	670	682	2115	2020	52	44-Ø49	284	780	485	888
2000	3541	1323	1350	760	772	2325	2230	55	48-Ø49	284	780	485	888
2200	3770	1500	1430	636	646	2550	2440	59	52-Ø56	308	790	515	863

- (1) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
 (2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.
 (3) The valve can operated as following:
 a-With gear box.
 b-With electric actuator.
 d-With pneumatic actuator.
 e-With hydraulic actuator.

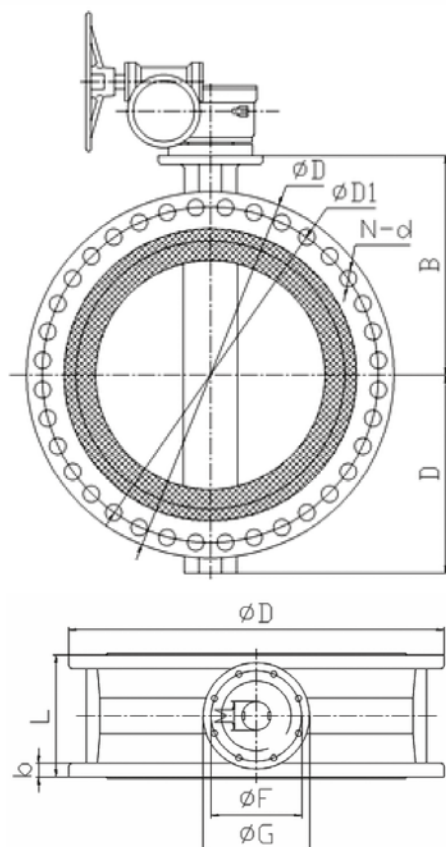
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED BUTTERFLY VALVE

Working pressure PN 16
Testing pressure PN 25
Face-to-face dimensions ISO 5752 (BS 5155)



Application: Potable water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material	Norms
Body	DCI GGG50	DIN 1693
Disc	DCI GGG50	DIN 1693
Body sealing	Elastomer EPDM	DIN 1705 (RG 5)
Shaft	Stainless steel	AISI 410
Gear box	DCI GGG50	DIN 1693
Hand wheel	Steel	-
Coating	Epoxy 250µ(in-out)	-

DN	L	ØD	ØD1	b	N-d	B	D	ØF	ØG	M
50	108	165	125	19	4-19	120	65	50	65	9
65	112	185	145	19	4-19	126	70	50	65	9
80	114	200	160	19	8-19	133	80	50	65	9
100	127	220	180	19	8-19	148	100	70	90	11
125	140	250	210	19	8-19	160	110	70	90	14
150	140	285	240	19	8-23	180	135	70	90	14
200	152	340	295	20	12-23	205	160	102	125	17
250	165	400	355	22	12-28	246	196	102	125	22
300	178	455	410	24	12-28	270	220	102	125	22
350	190	520	470	26	16-28	316	256	102	125	22
400	216	580	525	28	16-31	365	308	140	175	22
450	222	640	585	30	20-31	390	335	165	210	27
500	229	715	650	31	20-34	415	360	165	210	27
600	267	840	770	36	20-37	510	426	165	210	36
700	292	910	840	39	24-37	560	480	254	300	36
800	318	1025	950	43	24-40	610	525	254	300	36
900	330	1125	1050	46	28-40	690	635	254	300	55
1000	410	1255	1170	50	28-43	740	685	298	250	55
1200	470	1485	1390	57	32-49	856	870	298	350	75

(1) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.

(2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

(3) The valve can operated as following:

a-With gear box.

b-With electric actuator.

d-With pneumatic actuator.

e-With hydraulic actuator.

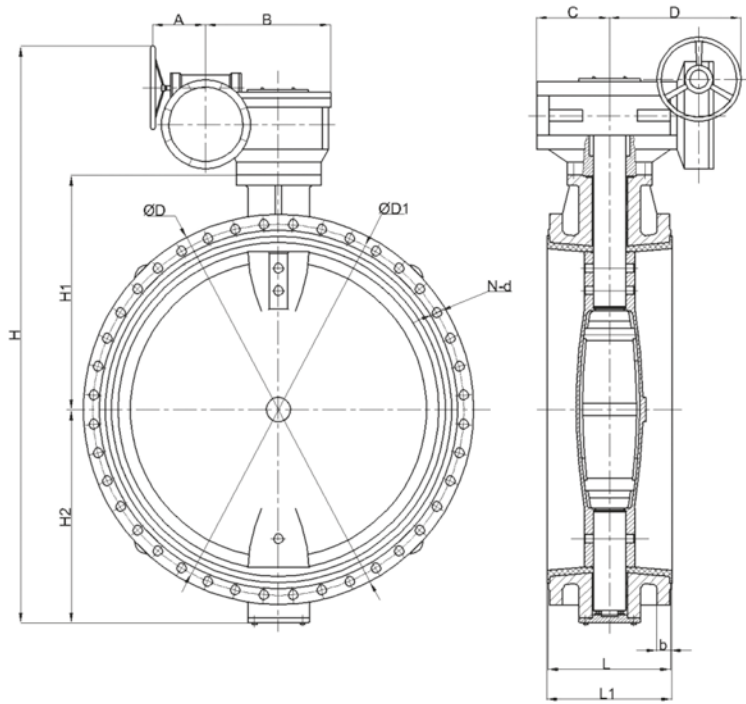
Quality control: each valve is entirely tested according to ISO 5208.

DOUBLE FLANGED BUTTERFLY VALVE

Working pressure PN 16
Testing pressure PN 25
Face-to-face dimensions ISO 5752 (BS 5155)



Application: Potable water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material	Norms
Body	DCI GGG50	DIN 1693
Disc	DCI GGG50	DIN 1693
Body sealing	Elastomer EPDM	DIN 1705 (RG 5)
Shaft	Stainless steel	AISI 304/316/410
Gear box	DCI GGG50	DIN 1693
Hand wheel	Steel	-
Coating	Epoxy 250µ(in-out)	-

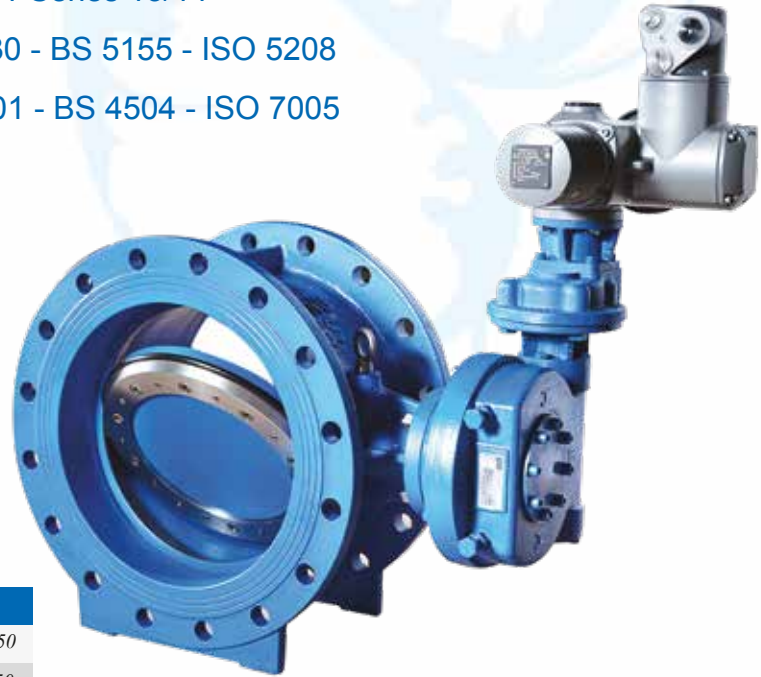
DN	H	H1	H2	L	L1	ØD	ØD1	b	N-d	A	B	C	D
1400	2785	1000	925	530	538	1685	1590	60	36-Ø49	308	694	350	683
1500	2860	1050	950	570	580	1820	1710	62	36-Ø56	308	694	350	683
1600	3055	1150	1045	600	610	1930	1820	65	40-Ø56	308	694	350	683
1800	3224	1200	1156	670	682	2130	2020	70	44-Ø56	284	780	485	888
2000	3541	1323	1350	760	772	2345	2230	75	48-Ø62	284	780	485	888
2200	3770	1500	1430	636	646	2555	2440	81	52-Ø62	308	790	515	863

- (1) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
- (2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.
- (3) The valve can operated as following:
 - a-With gear box.
 - b-With electric actuator.
 - d-With pneumatic actuator.
 - e-With hydraulic actuator.

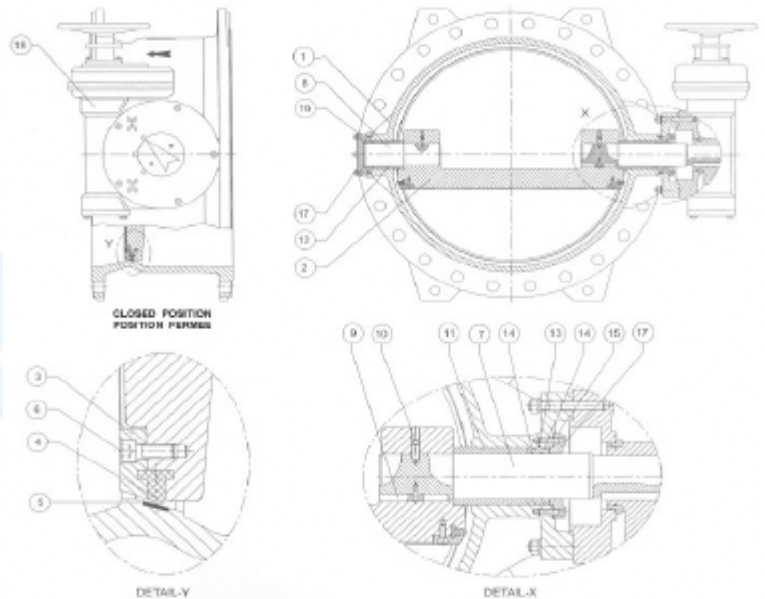
Quality control: each valve is entirely tested according to ISO 5208.

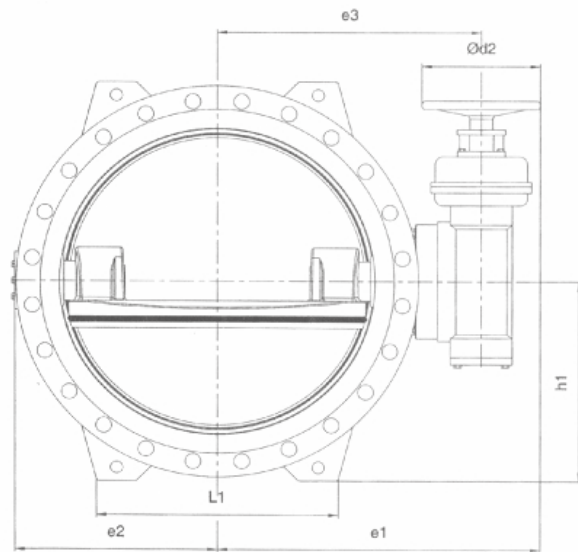
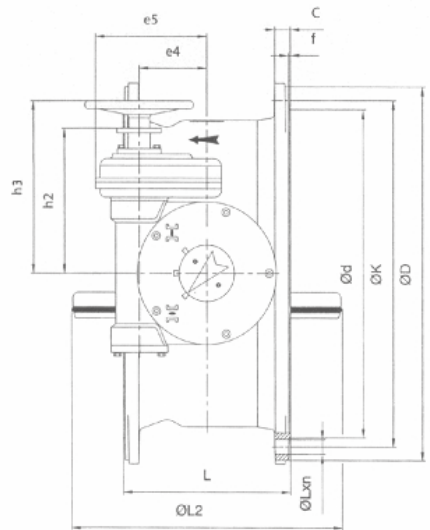
DOUBLE FLANGED BUTTERFLY VALVE WITH METAL AISI 316 PLATED SEAT

Working pressure : PN 10/16/25/40
 Face to face dimensions : EN 558-1 Series 13/14
 Pressure test to : DIN 3230 - BS 5155 - ISO 5208
 Flanges standards to : DIN 2501 - BS 4504 - ISO 7005



Nº	Description	Material
1	Body	Ductile cast iron GGG 50
2	Disc	Ductile cast iron GGG 50
3	Retaining ring	Stainless steel
		or Ductile cast iron GGG 50
4	Sealing ring	Rubber EPDM
5	Seat surface	Stainless steel
6	Hex. Socket head cap screw	Stainless steel A2
7	Shaft - driven end	Stainless steel 316
8	Shaft - free end	Stainless steel 316
9	Key	Steel CK45
10	Hex. Socket set screw	Stainless steel A2
11	Bearing bush	Bronze
12	Bearing bush	Bronze
13	Seal bush	Delrin
14	O-ring	Rubber EPDM
15	Cover - driven end	Ductile cast iron GGG 50
16	Cover - free end	Ductile cast iron GGG 50
17	Hex. Bolt	Stainless Steel
18	Worm gear unit	





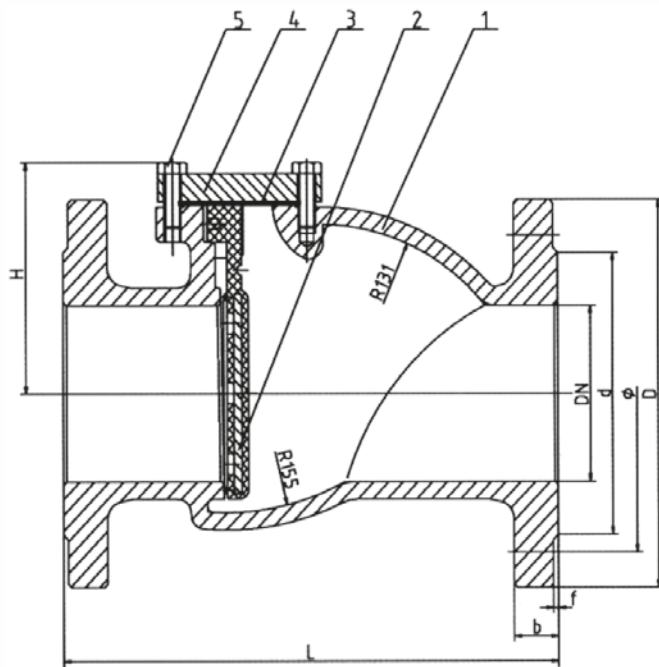
DN	PN	L		L1	L2	e1	e2	e3	e4	e5	Ød2	h1	h2	h3	Gearbox	AUMA motorisation	Nbre of turns	kgs
200	10	230	152	-	199	377	170	255	71	134	245	170	136	212	TK1	SA07.5	11	55
250	10	250	165	255	251	443	208	320	95	158	245	213	163	239	TK2	SA07.5	10	100
300	10	270	178	340	281	494	239	372	95	158	245	240	163	239	TK2	SA07.5	10	125
350	10	290	190	340	336	596	281	411	110	175	370	263	184	271	TK3	SA10.1	12	155
400	10	310	216	375	385	593	297	408	110	175	370	293	184	271	TK3	SA07.5	36	172
450	10	330	222	375	434	629	331	444	110	198	370	330	285	372	TK3-R D4	SA07.5	36	235
500	10	350	229	420	474	677	356	492	156	245	370	345	334	420	TK4-R D4	SA07.5	43	313
600	10	390	267	540	576	705	399	520	156	245	370	400	334	420	TK4-R D4	SA10.1	43	397
700	10	430	292	560	671	796	493	611	190	313	370	458	397	484	TK5-R D5	SA07.5	104	610
750	10	-	305	535	715	885	540	700	190	313	370	495	397	484	TK5-R D5	-	-	710
800	10	470	318	670	766	859	553	674	190	313	370	518	397	484	TK5-R D5	SA10.1	104	750
900	10	510	330	730	861	918	604	733	242	365	370	568	432	519	TK6-R D6	SA07.5	192	978
1000	10	550	410	750	951	965	641	781	242	365	370	625	432	519	TK6-R D6	SA07.5	192	1200
1100	10	590	440	750	1053	1022	695	837	242	365	370	688	432	519	TK6-R D6	SA10.1	192	1540
1200	10	630	470	970	1147	1181	758	938	290	515	485	738	538	625	TK7-R D7	SA10.1	362	2170
1300	10	670	-	985	1248	1300	820	1058	290	515	485	803	538	625	TK7-R D7	SA10.1	362	2825
1400	10	710	530	1160	1345	1283	860	1041	290	515	485	848	538	625	TK7-R D7	SA10.1	362	2946
1500	10	750	560	1150	1435	1360	928	1117	431	656	485	920	681	768	TK8-R D8	SA10.1	562	4000
1600	10	790	600	1250	1537	1457	1021	1214	431	656	485	968	681	768	TK8-R D8	SA10.1	562	4366
1800	10	870	670	1220	1722	1610	1215	1368	431	656	485	1075	681	768	TK8-R D8	-	-	6300
2000	10	950	760	1300	1901	1729	1345	1486	431	656	485	1183	681	768	TK8-R D8	-	-	8500
2200	10	1030	840	1500	2085	1886	1362	1583	431	656	605	1285	809	909	TK8-R D8S	-	-	8320
2400	10	1110	-	1600	2308	2095	1588	1792	519	744	605	1390	898	998	TK10-R D15	-	-	12900
2500	10	1150	-	1600	2396	2189	1608	1886	519	744	605	1440	898	998	TK10-R D15	-	-	13820
200	16	230	152	-	199	377	170	255	71	134	245	170	136	212	TK1	SA07.5	11	55
250	16	250	165	255	251	443	208	320	95	158	245	213	163	239	TK2	SA07.5	10	100
300	16	270	178	340	281	494	239	372	95	158	245	240	163	239	TK2	SA10.1	10	125
350	16	290	190	340	336	596	281	411	110	175	370	263	184	271	TK3	SA10.1	12	172
400	16	310	216	375	385	593	297	408	110	175	370	293	184	271	TK3	SA07.5	36	200
450	16	330	222	375	434	629	331	444	110	198	370	300	285	372	TK3-R D4	SA07.5	36	235
500	16	350	229	420	474	677	356	492	156	245	370	368	334	420	TK4-R D4	SA07.5	43	330
600	16	390	267	540	576	743	429	558	156	245	370	430	334	420	TK4-R D4	SA10.1	43	490
700	16	430	292	600	671	785	470	600	190	313	370	465	397	484	TK5-R D5	SA10.1	104	632
750	16	-	305	535	715	885	540	700	190	313	370	495	397	484	TK5-R D5	-	-	710
800	16	470	318	670	766	840	518	655	190	313	370	523	397	484	TK5-R D5	SA10.1	104	820
900	16	510	330	730	861	898	576	713	242	365	370	573	432	519	TK6-R D6	SA10.1	192	1020
1000	16	550	410	750	951	965	641	781	242	365	370	638	432	519	TK6-R D6	SA10.1	192	1318
1100	16	590	440	750	1053	1022	695	837	242	365	370	688	432	519	TK6-R D6	SA10.1	192	1540
1200	16	630	470	970	1147	1181	758	938	290	515	485	753	538	625	TK7-R D7	SA10.1	362	2470
1300	16	670	-	985	1248	1300	820	1058	290	515	485	803	538	625	TK7-R D7	SA10.1	362	2825
1400	16	710	530	1160	1345	1283	860	1041	290	515	485	853	538	625	TK7-R D7	SA10.1	362	3510
1500	16	750	560	1150	1435	1360	928	1117	431	656	485	920	681	768	TK8-R D8	SA10.1	562	4000
1600	16	790	600	1250	1537	1508	1068	1265	431	656	485	975	681	768	TK8-R D8	SA14.1	562	5150
1800	16	870	670	1220	1722	1610	1215	1368	431	656	485	1075	681	768	TK8-R D8	-	-	6300
2000	16	950	760	1300	1901	1729	1345	1486	431	656	485	1183	681	768	TK8-R D8	-	-	8500
2200	16	1030	840	1500	2085	1975	1455	1672	519	744	605	1288	898	998	TK10-R D15	-	-	11220
2400	16	1110	-	1600	2308	2095	1588	1792	519	744	605	1390	898	998	TK10-R D15	-	-	14700
2500	16	1150	-	1600	2396	2189	1608	1886	519	744	605	1440	898	998	TK10-R D15	-	-	16000
200	25	230	152	-	199	413	193	290	71	134	245	180	136	212	TK1	SA07.5	11	66
250	25	250	165	305	251	552	259	367	110	175	370	223	184	271	TK3	SA10.1	12	160
300	25	270	178	340	281	568	271	383	110	198	370	253	285	372	TK3-R D4	SA07.5	36	187
350	25	290	190	360	336	615	311	430	110	198	370	288	285	372	TK3-R D4	SA07.5	36	208
400	25	310	216	375	379	665	340	480	156	245	370	320	334	420	TK4-R D4	SA10.1	43	289
450	25	330	222	470	427	687	380	502	156	245	370	345	334	420	TK4-R D4	SA10.1	43	352
500	25	350	229	430	474	745	385	560	190	313	370	375	397	484	TK5-R D5	SA10.1	104	470
600	25	390	267	530	567	794	459	609	190	313	370	433	397	484	TK5-R D5	SA10.1	104	690
700	25	430	292	640	663	849	533	664	242	365	370	490	432	519	TK6-R D6	SA10.1	192	860
750	25	-	305	560	715	891	540	706	242	365	370	518	432	519	TK6-R D6	-	-	960
800	25	470	318	575	747	934	588	749	242	365	370	553	432	519	TK6-R D6	SA10.1	192	1184
900	25	510	330	745	854	1095	677	853	290	515	485	603	538	625	TK7-R D7	SA10.1	362	1800
1000	25	550	410	760	952	1170	734	928	290	515	485	670	538	625	TK7-R D7	SA10.1	362	2084
1200	25	630	470	880	1146	1286	820	1043	290	515	485	765	538	625	TK7-R D7	SA10.1	562	2700
1400	25	710	530	1010	1340	1413	930	1170	431	656	485	888	681	768	TK8-R D8	-	-	3960
1600	25	790	600	1200	1537	1577	1042	1275	431	656	605	995	809	909	TK8-R D8S	-	-	5150
200	40	230	-	-	199	413	193	290	71	134	245	188	136	212	TK1	-	-	70
250	40	250	-	-	305	251	259	367	110	175	370	223	184	271	TK3	-	-	179
300	40	270	-	-	340	281	271	383	110	198	370	268	285	372	TK3-R D4	-	-	200
350	40	290	-	-	360	336	311	430	110	198	370	300	285	372	TK3-R D4	-	-	270
400	40	310	-	-	375	379	344	459	156	245	370	340	334	420	TK4-R D4	-	-	380
450	40	330	-	-	470	427	380	502	156	245	370	345	334	420	TK4-R D4	-	-	460
500	40	350	-	-	430	467	385	560	190	313	370	388	397	484	TK5-R D5	-	-	520
600	40	390	-	-	530	567	459	609	190	313	370	455	397	484	TK5-R D5	-	-	760
700	40	430	-	-	640	663	533	664	242	365	370	508	432	519	TK6-R D6	-	-	1020
800	40	470	-	-	575	747	588	749	242	365	370	553	432	519	TK6-R D6	-	-	1480
900	40	510	-	-	745	854	677	853	290	515	485	603	538	625	TK7-R D7	-	-	2250
1000	40	550	-	-	760	952	734	928	290	515	485	670	538	625	TK7-R D7	-	-	2600

DOUBLE FLANGED SOFT SEALING CHECK VALVE

Confirms to	DIN 3352
Working pressure	PN 10/16
Testing pressure	PN 16/25
Flanges Comply with	EN1092
Face to Face Dim.	DIN3352-F5
Operating Temperature	0°C to 71°C



Applications: Potable water, Sewage, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material
Valve Body	Ductile iron GGG50
Resilient Wedge	Ductile iron GGG50 / EPDM
Gasket	EPDM
Cover	Ductile iron GGG50
Bolts	Carbon Steel Zinc Plated

DN	PN	L	n- Ø d	D	Ø	d	b	f	H
50	PN10 PN16	250	4- Ø 19	165	125	99	19		120
65	PN10 PN16	270	4- Ø 19	185	145	118	19	3	130
80	PN10 PN16	280	4- Ø 19 8- Ø 19	200	160	132	19	3	140
100	PN10 PN16	300	8- Ø 19	220	180	156	19	3	150
125	PN10 PN16	325	8- Ø 19	250	210	184	19	3	180
150	PN10 PN16	360	8- Ø 23	285	240	211	19	3	200
200	PN10 PN16	400	8- Ø 23 12- Ø 23	340	295	266	20	3	240
250	PN10 PN16	450	12- Ø 23 12- Ø 28	400 405	350 355	319	22	3	300
300	PN10 PN16	500	12- Ø 23 12- Ø 28	455 460	400 410	370	24.5	4	320

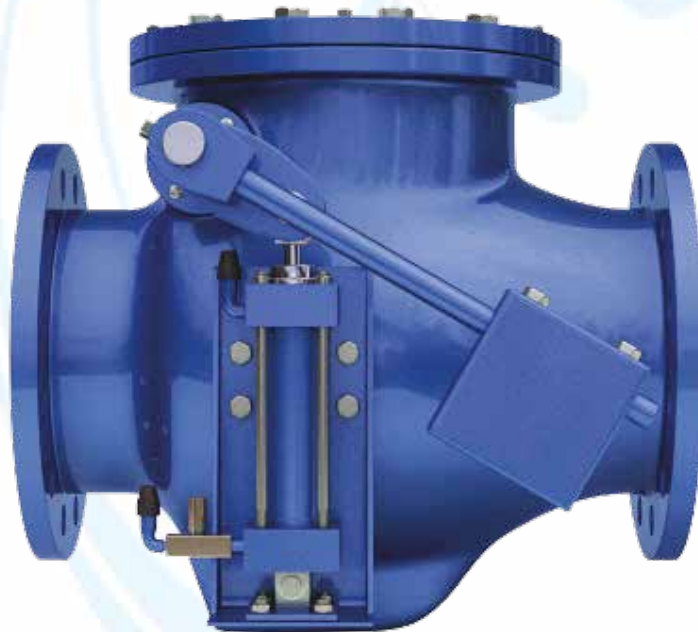
(1) Alternatively, can be supplied in elastomer NBR/SBR or others, upon request.

(2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

Quality control: each valve is entirely tested according to ISO 5208.

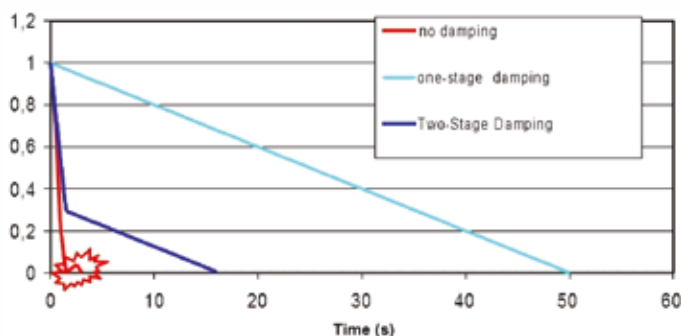
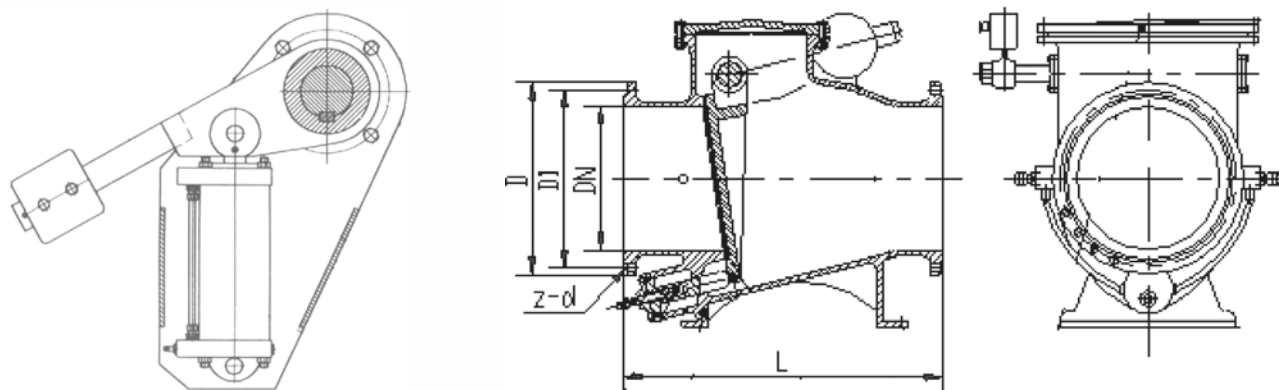
DOUBLE FLANGED SWING CHECK VALVE

Working pressure: PN 10/16
Testing pressure: PN 16/25



Application:The valve is installed on the pipeline to prevent the medium flowing back and efficiently restrain water hammer, so it has function of protecting pipeline system.

Suitable for: Potable water, Sewage, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Description	Material
Body	DCI GGG50
Gate	DCI GGG50
Spindle	Stainless Steel
Coating	Epoxy 250μ(in-out)

DN	L	Z-d	D	D1
50	230	4-19	165	125
65	290	4-19	185	145
80	310	8-19	200	160
100	350	8-19	220	180
125	400	8-19	250	210
150	480	8-23	285	240
200	495	8-23	340	295
250	622	12-23	395	350
300	698	12-23	445	400
350	787	16-23	505	460
400	914	16-28	565	515
500	978	20-28	670	620
600	1295	20-31	780	725
700	1400	24-31	895	840
800	1500	24-34	1015	901
900	2050	28-34	1125	1001
1000	2100	28-37	1230	1160
1200	2200	32-41	1455	1380

(1) Can be supplied with outside hydraulic damper or inside hydraulic damper or lever & counter Weight, upon request.

(2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.

(3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250μ. Quality control: each valve is entirely tested according to ISO 5208.

Closing characteristic example:

The two adjustment needle valves "3" determine the closure speed for two independant ranges:

- fast closure between 100% open and 30% open (example: 50%/s)

- fast closure between 30% open and 0% open (example: 2%/s)

(in the example, the influence of back flow has not been modelled)

Advantage: the valve closes in less time than a single-stage damped valve, but without a high-speed shock as with a non- damped valve: the backflow is reduced whilst keeping a smooth operation.

Quality control: each valve is entirely tested according to ISO 5208.

TILTING TYPE CHECK VALVE

Working pressure: PN 10/16

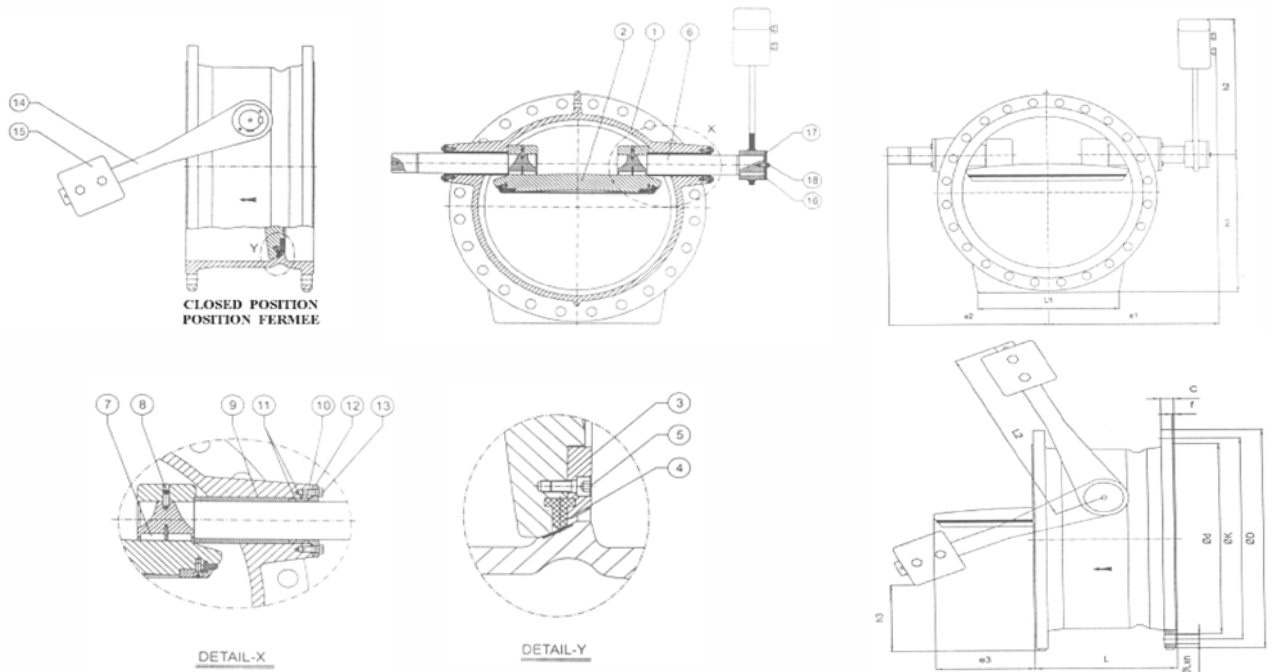
Testing pressure: PN 16/25



DESIGN FEATURES :

- DIN 3202 F4: short body, small volume, light weight
- Swings freely controlled by flow. The disc opening depends on the flow velocity.
- Adjustable weight enables to adjust the opening behaviour
- Lever can be mounted two ways for horizontal or vertical application of check valve.
- Both metal to metal or resilient seating
- Maintenance free design.

N°	DESCRIPTION	MATERIAL	NORMS/NORMES
1	BODY	DUCTILE CAST IRON	EN-GJS-400-15
2	DISC	DUCTILE CAST IRON	EN-GJS-400-15
3	RETAINING RING	STEEL	S235JR
4	SEALING RING	EPDM	
5	HEX. SCREW	STAINLESS STEEL	A2
6	SHAFT	STAINLESS STEEL	X20Cr13
7	KEY	STEEL	Ck45
8	HEX. SCREW	STAINLESS STEEL	A2
9	BEARING BUSH	BRONZE	
10	SEAL BUSH	DELTRIN	
11	O-RING	EPDM	
12	COVER	DUCTILE CAST IRON	EN-GJS-400-15
13	HEX. BOLT	STAINLESS STEEL	A2
14	LEVER	Steel	S235JR
15	WEIGHT	CAST IRON	EN-GJL-250
16	KEY	STEEL	Ck45
17	COVER	STEEL	S235JR
18	BOLT	STAINLESS STEEL	A2



DN	PN	L	h1	h2	h3	e1	e2	e3	h1	h2	h3	kgs
100	16	190	-	200	200	184	-	135	188	25	20	
125	16	200	-	200	223	207	-	156	188	46	26	
150	16	210	-	200	245	230	9	180	188	58	35	
200	16	230	-	200	268	252	35	220	188	99	43	
200	25	230	-	200	268	252	35	230	188	109	48	
250	16	250	-	300	331	305	68	265	280	96	73	
250	25	250	280	300	338	317	68	285	280	116	94	
300	16	270	315	300	343	317	87	305	280	136	96	
300	25	270	315	400	395	362	88	328	372	115	126	
350	16	290	250	400	415	382	117	357	372	142	136	
350	25	290	250	400	438	410	117	375	372	160	175	
400	16	310	370	400	445	412	138	400	372	185	168	
400	25	310	370	400	485	460	138	420	372	195	287	
450	16	330	425	450	470	443	165	442	418	206	237	
450	25	330	425	500	513	488	165	457	463	221	298	
500	16	350	460	500	522	490	188	492	465	224	294	
500	25	350	460	500	573	554	191	500	465	232	376	
600	16	390	535	600	594	567	238	570	555	270	423	
600	25	390	535	600	627	610	238	582	555	272	512	
700	16	430	585	700	706	661	304	640	650	277	550	
700	25	430	610	700	715	698	298	665	647	304	710	
800	16	470	655	800	746	711	354	720	736	317	820	
900	16	510	680	900	805	780	400	797	830	348	1060	
1000	16	550	690	1000	875	863	460	887	923	390	1245	
1200	16	630	810	1200	960	938	568	1055	1110	448	1810	
1400	16	710	900	1400	1240	1210	682	1210	1295	502	3420	

Special order can be arranged for higher pressure range or sizes over 56" or particular fluid.

TILTING TYPE CHECK VALVE WITH HYDRAULIC DAMPER



Characteristics of the damped check valve same as

- Smooth closing of the disk, no slamming

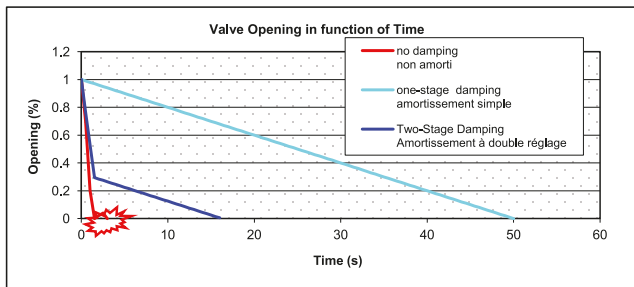
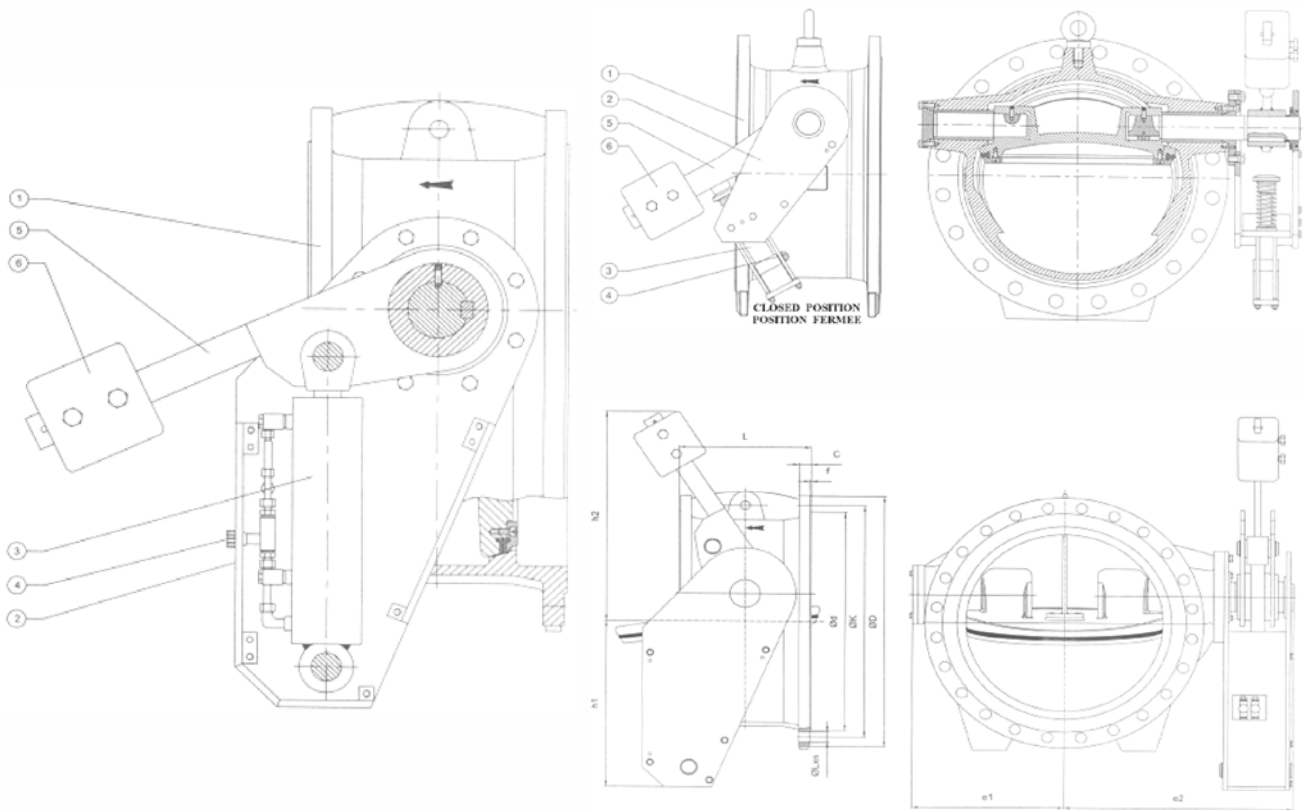
Closing characteristic example

The two adjustment needle valves "3" determine the closure speed for two independent ranges:

- fast closure between 100% open and 30% open (example: 50%/s)
- fast closure between 30% open and 0% open (example: 2%/s)

(in the example, the influence of back flow has not been modelled)

Advantage : the valve closes in less time than a single-stage damped valve, but without a high-speed shock as with a non-damped valve: the backflow is reduced whilst keeping a smooth operation.



N°	DESCRIPTION
1	CHECK VALVE BODY
2	DAMPER CHASSIS
3	HYDRAULIC DAMPER
4	SPEED CONTROL VALVES
5	LEVER
6	WEIGHT

DN	L	e1	e2	h1	h2	kgs
150	210	143	265	276	316	45
200	230	208	357	297	364	85
250	250	239	373	288	373	108
300	270	259	414	294	367	140
350	290	289	468	325	435	194
400	310	320	510	339	421	260
450	330	355	550	335	425	273
500	350	380	595	476	492	360
600	390	430	631	515	610	513
700	430	495	750	603	755	798
800	470	561	812	644	872	1028
900	510	660	933	707	1010	1382
1000	550	684	1045	705	1198	2175

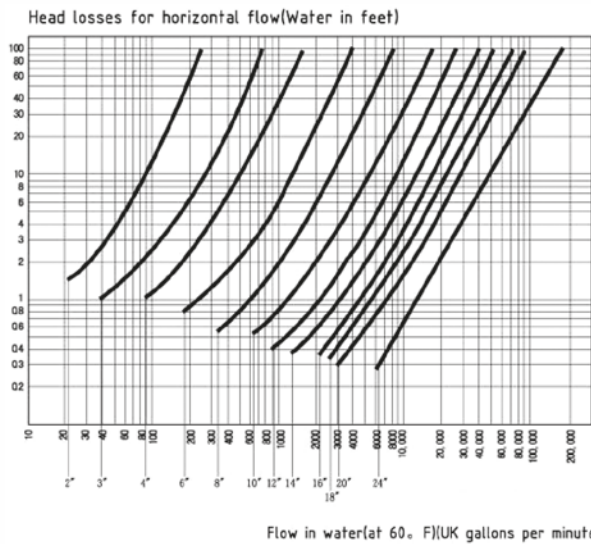
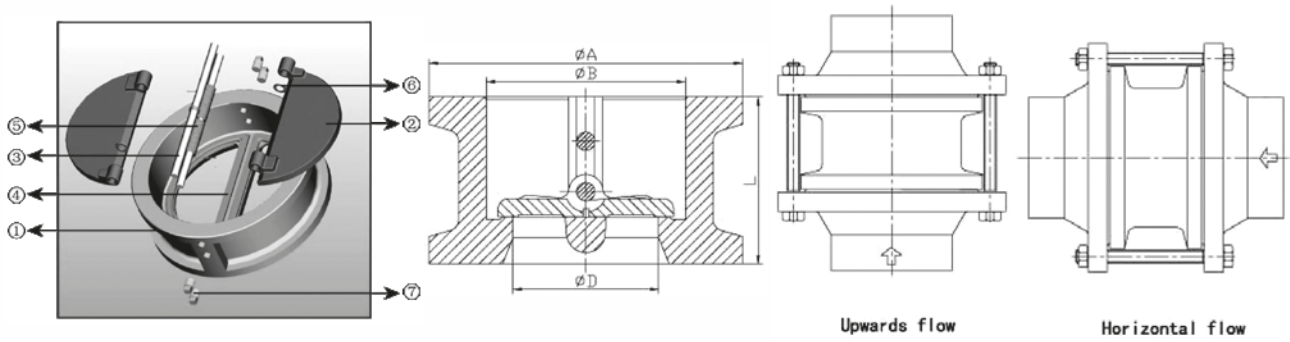
WAFER DUAL PLATE CHECK VALVE

Design Working pressure	PN 10/16
Design Testing pressure	PN 16/25
Confirms to	API 594
Operating Temp.	0°C to 82°C
Face to Face acc.	EN558-1



Applications: Potable water, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.

Features: Dual plate construction, Quick opening and closing action, Spring loaded on the plate for quick closing, Opening angle approaches 90°, Low head losses, Could be installed vertically (only upwards flow) or horizontally, Soft seat with zero percent leakage.



Description	Material
Body	Ductile iron GGG50
Disc	Stainless steel
Stem	Stainless steel
Seat	EPDM
Spring	Stainless steel
Washer	Stainless steel

DN	PN	L	A	B	D
50	PN10 PN16	43	109	65	43
65	PN10 PN16	46	129	80	57
80	PN10 PN16	64	144	94	70
100	PN10 PN16	64	164	117	88
125	PN10 PN16	70	194	145	115
150	PN10 PN16	76	220	170	134
200	PN10 PN16	89	275	224	182
250	PN10 PN16	114	330	265	217
300	PN10 PN16	114	380 386	310	260
350	PN10 PN16	127	440 446	360	314
400	PN10 PN16	140	490 498	410	350
450	PN10 PN16	152	541 558	450	396
500	PN10 PN16	152	596 620	505	440
600	PN10 PN16	178	698 737	624	536

- (1) Alternatively, can be supplied in elastomer NBR/SBR or others, upon request.
 - (2) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.
 - (3) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.
- Quality control: Each valve is entirely tested according to ISO 5208.

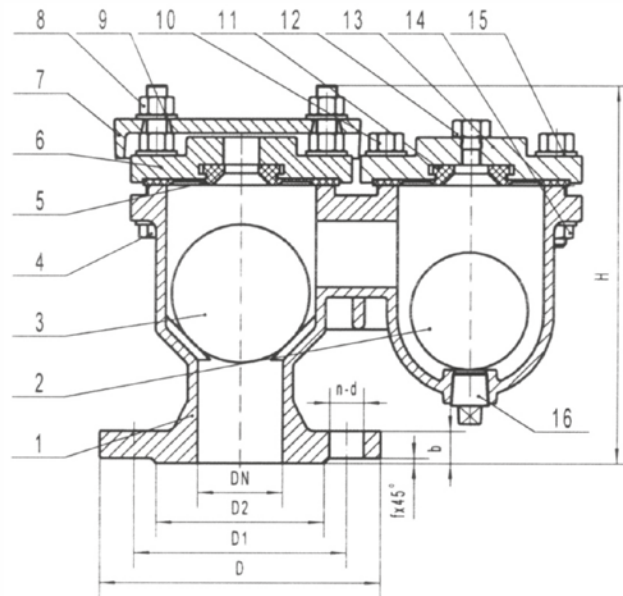
Inspection & Testing: Inspection and Testing must be done according to ISO5208:2008.

DOUBLE CHAMBER DOUBLE BALL FLANGED END AIR VALVE

Working pressure	PN 10/16
Testing pressure	PN 16/25
Flange drilling	BS 4504
Temperature	<120°C



Applications: Potable water, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.



Dimensions in millimeter

DN	D	D1	D2	b	f	n-d	H
40	150	110	84	19	3	4-19	200
50	165	125	99	19	3	4-19	213
65	185	145	118	19	3	4-19	220
80	200	160	132	19	3	8-19	250
100	220	180	156	19	3	8-19	265
150	285	240	211	19	3	8-23	323
200	340	295	266	20	3	12-23	405
250	405	355	319	22	3	12-28	450
300	460	410	370	24.5	4	12-28	510

N°	Description	Material	British Standard
1	Body	DCI GGG50	BS2789 Gr500/7
2	Small float ball	ABS	ISO 2580
3	Large float ball	ABS	ISO 2580
4	Bolt	Steel	BS970 43A
5	Ball seal large orifice	EPDM	BS2494 Type W
6	Large orifice cover	DCI GGG50	BS2789 Gr500/7
7	Dust cap	DCI GGG50	BS2789 Gr500/7
8	Nut	Steel	BS970 43A
9	Washer	Steel	BS970 43A
10	Bolt	Steel	BS970 43A
11	Ball seal small orifice	EPDM	BS2494 Type W
12	Air release nipple	Cast brass	BS1400 PCB1
13	Small orifice cover	DCI GGG50	BS2789 Gr500/7
14	Nut	Steel	BS970 43A
15	Washer	Steel	BS970 43A
16	Screw plug	Cast brass	BS1400 PCB1

The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

Quality control: each valve is entirely tested according to ISO 5208.

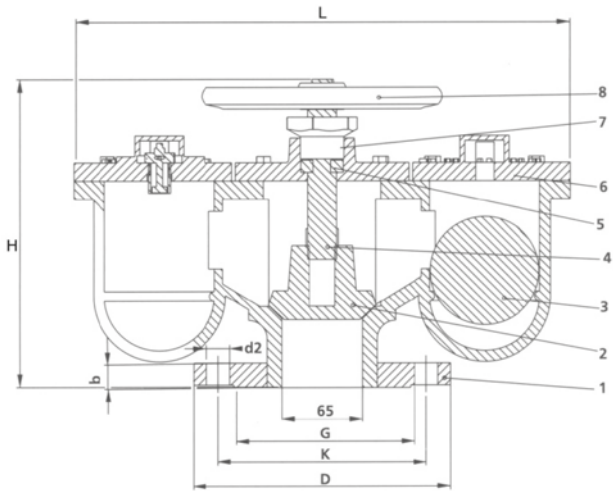
DOUBLE CHAMBER AIR VALVE

Working pressure	PN 10
Testing pressure	PN 16
Operating Temp.	-10°C to 120°C
Flange	DIN 2501



DESIGN FEATURES :

- With integral isolation valve.
- Long trouble-free working life with polyethylene ball design.
- Spherical shape to improve reliability both in terms of precision as well as reducing wear.



N°	Description	Material
1	Body	DCI GGG50
2	Disk	DCI GGG50/EPDM
3	Ball	Stainless Steel/Rubber
4	Stem	Stainless steel
5	Ring	Steel 37
6	Cover	DCI GGG50
7	Yoke	DCI GGG50
8	Hand wheel	DCI GGG50

DOUBLE BALL AIR VALVE :

1. For bulk release of air filling of water mains.
2. For release of air trapped in water mains under working pressure.

RECOMMENDATIONS FOR THE LOCATION OF AIR RELEASE VALVE :

1. After pump discharge valves.
2. At local peaks in the system
3. At transition points in pipe slope.
4. Where along pipe sections of long uniform slope at every 500 m.

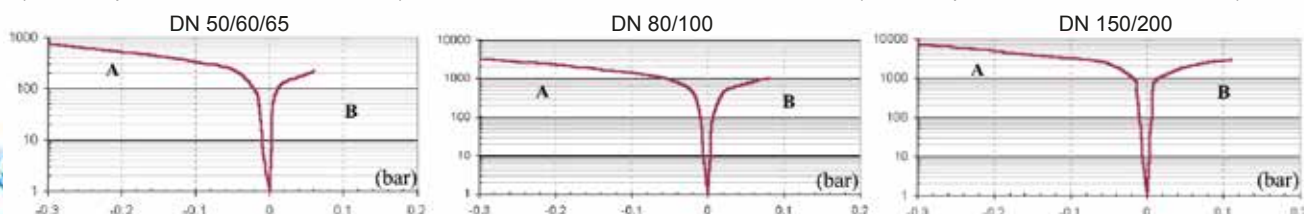
DN	L	H	k	G	b	D
50	407	285	99	125	20	165
65	407	285	118	145	20	185
80	407	285	132	160	20	200
100	407	285	156	180	24	235
150	520	350	240	212	26	285
200	520	350	295	266	28	340

Recommended valves sizes according to pipe line diameter								
Pipe - Tuyau DN (mm)	80-250	300-400	450-600	700-900	1000-1200	1400-1600	1800-2000	
Air valve - Ventouse DN (mm)	50	80	100	150	200	250	300	

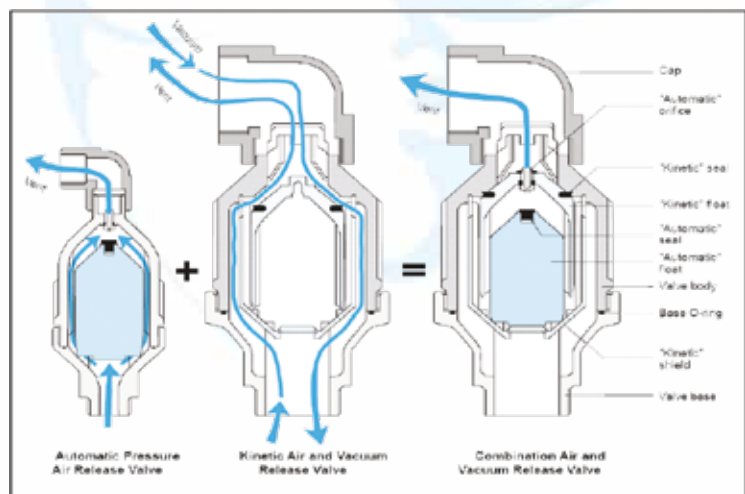
FLOW RATES PN 10/16

(A) Air flow ingress through large orifice in m³/h
(At mains pressure: air flow = water flow)

(B) Air vented through large orifice in m³/h
(At mains pressure: air flow = water flow)



COMBINATION AIR VALVE FOR SEWAGE



Description

The combination air valve combines an air & vacuum large orifice and an automatic small orifice in a single body.

The valve is specially designed to operate with liquids carrying solid particulates such as sewage and effluent. The combination air valves discharges air (gases) during the filling or charging of the system, admits air to the system while it is being emptied of liquid and discharges accumulated air (gases) from the system while it is under pressure and operating.

The valve's unique design guarantees complete separation of the liquid from the sealing mechanism and provides optimum work conditions.

Main features

- Working pressure range : 0,2 - 16 bars;
- The valve's unique design prevents any contact between sewage and the sealing mechanism by creating an air gap at the top of the valve. This air gap is guaranteed even under extreme conditions;
- The conical body shape designed to maintain the maximum distance between the liquid and the sealing mechanism; so as to obtain minimum body length.
- Spring loaded joint between the stem and the upper float. Vibrations of the lower float will not unseat the automatic valve. Release of air valve will occur only after enough air accumulates.
- The valve design, rolling seal mechanism : is less sensitive to pressure differentials than a direct float seal. It accomplishes this by having a comparably large orifice for a wide pressure range (up to 16 bar);
- Funnel-shape lower body is designed to ensure that residues sewage matter will fall back into system and be carried away by the main pipe;
- All inner metal parts made of stainless steel;
- 1"1/2 threaded drainage outlet enables removal of excess fluids;
- Preventing premature closing, the valve discharges air at high velocity;
- Maximum working temperature 90°C.

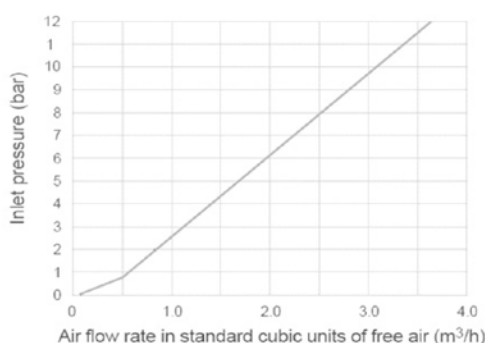
Description

La ventouse pour assainissement inclut une ventouse cinétique et une ventouse automatique dans un corps de vanne unique. Sa fonction dans le système d'assainissement est de libérer l'air (gaz) ainsi que de permettre l'entrée d'air dans les lignes d'assainissement et d'eaux usées. La structure exclusive de la vanne garantit une séparation complète du liquide du système d'étanchéité et fournit des conditions de travail optimales.

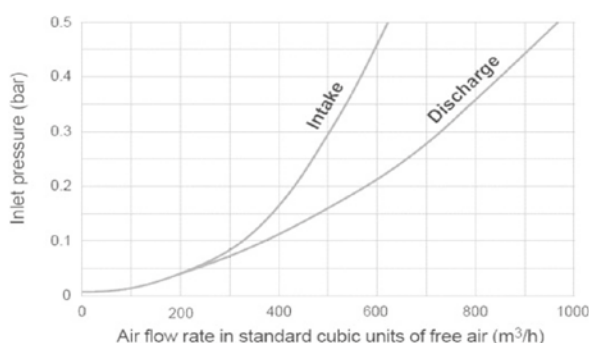
Valve selection :

- These valves are available with 2" male BSP connections, or flanged 2" - 3" - 4" - 6"
- Standard metal body baked epoxy coating 250μ
- These valves are also available with a stainless steel body.
- With a vacuum guarding, out only attachment, which only allows air discharge, not allowing air intake.
- With a vacuum breaking, in-only attachment, which only allows air intake, not allowing air discharge.
- With a non-slam, discharge-throttling attachment, which allows free air intake, but throttles air discharge.
- For best adjustment, it is recommended to send the fluids chemical properties along with the requirement.

Automatic orifice for the release of air under



Kinetic large orifice for air and vacuum release



Nominal Size	Dim. mm			Weight Kg.		Orifice Area mm ²	
	A	B	C	Brass	St. St.	Auto.	Kin.
2" (50mm) threaded	475	644	1.5"	16,5	15,8	12	804
2" (50mm) flanged	475	605	1.5"	17,5	17,0	12	804
3" (80mm)	475	605	1.5"	18,5	18,5	12	804
4" (100mm)	475	605	1.5"	19,5	19,5	12	804
6" (150mm)	475	610	1.5"	21,0	21,0	12	804
8" (200mm)	475	610	1.5"	24,0	22,0	12	804
10" (200mm)	475	610	1.5"	24,0	22,0	12	804

Part Name	Material
Lower Body	Ductile Iron
Upper Body	Ductile Iron
Cap	Ductile Iron
Float	Stainless Steel
Float Shaft	Stainless Steel
O- Ring	NBR
Driving Sleeve	Stainless Steel
Plane Gasket	NBR
Nozzle subset	Stainless Steel
Obturator Flat	Polypropylene
Seat Gasket	NBR
Seat	Stainless Steel
Studs	Galvanized steel
Nuts	Galvanized steel
Washers	Galvanized steel
Ball Valve	Nickeled Bronze

DISMANTLING JOINT

Working pressure

PN 10/16

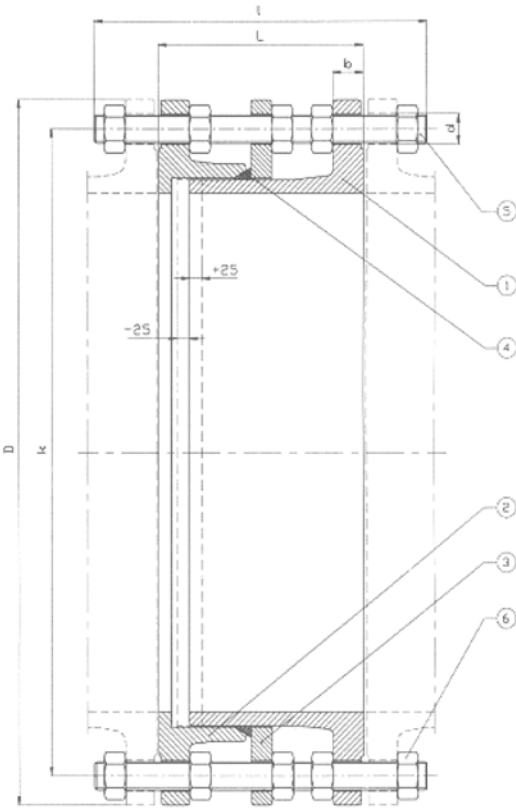
Testing pressure

PN 16/25



Applications: Potable water, Sewage, Industrial waste water, Air conditioning systems, Chilled water pumps, Fire and Irrigation systems.

DN	PN 10			PN 16			PN 25		
	L	l	kgs	L	l	kgs	L	l	kgs
100	200	330	20	200	330	20	220	340	32
125	200	330	24	200	330	24	220	370	43
150	200	320	30	200	320	30	230	370	52
200	220	330	42	220	330	45	230	370	176
250	220	360	62	230	370	66	250	410	108
300	220	360	67	250	410	84	250	410	129
350	230	360	85	260	410	107	270	480	196
400	230	370	105	270	430	142	280	500	212
450	250	390	131	270	430	177	280	480	281
500	260	390	155	280	440	200	300	500	290
600	260	410	225	300	500	305	320	520	389
700	260	410	300	300	500	321	340	530	505
800	290	460	361	320	520	469	360	600	690
900	290	460	400	320	520	535	380	600	920
1000	290	500	516	340	560	698	400	650	1257
1100	300	480	830	340	560	830	-	-	-
1200	320	520	895	360	600	1070	450	720	1870
1300	370	630	1172	370	630	1172	-	-	-
1400	360	560	1194	380	630	1270	-	-	-
1500	380	590	1560	380	610	1560	-	-	-
1600	390	600	1436	400	700	1705	-	-	-
1800	450	750	1880	420	740	-	-	-	-
2000	450	750	2206	-	-	-	-	-	-
2200	450	750	2800	-	-	-	-	-	-
2400	450	750	3400	-	-	-	-	-	-
2500	450	750	3620	450	750	-	-	-	-



N°	Description	Material	ALTERNATIVELY
1	Flanged	Ductile Iron GGG50	Same / Idem
1	Coating	époxy 300µ	Same / Idem
2	Flanged	Ductile Iron GGG50	Same / Idem
3	Retaining flange	Ductile Iron GGG50	Same / Idem
4	Sealing ring	EPDM	Same / Idem
5	Stud bolts	Steel (Galvanised)	Stainless Steel X20Cr13 or AISI 316 / 316L or Geomet
6	Nut	Steel (Galvanised)	Stainless Steel AISI 304 or AISI 316 or Brass or Geomet
6	Coating	Galvanisation à chaud	Géomet - Dacromet

DOUBLE FLANGED EXPANSION JOINT

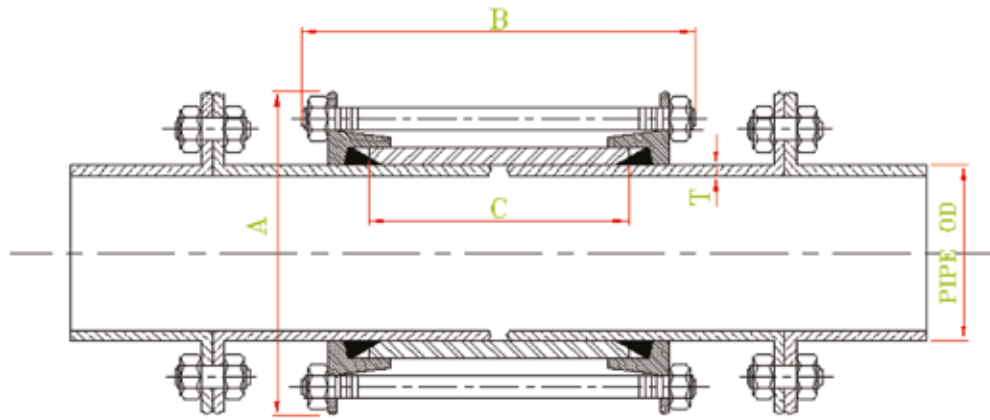
Working pressure

PN10/16

Testing pressure

PN16/25





Description	Material
Body	Carbon Steel
Rubber Seal	NBR
Flanges	Ductile iron GGG50 ISO2531
Bolts	Carbon Steel Zinc Plated
Nuts	Carbon Steel Zinc Plated

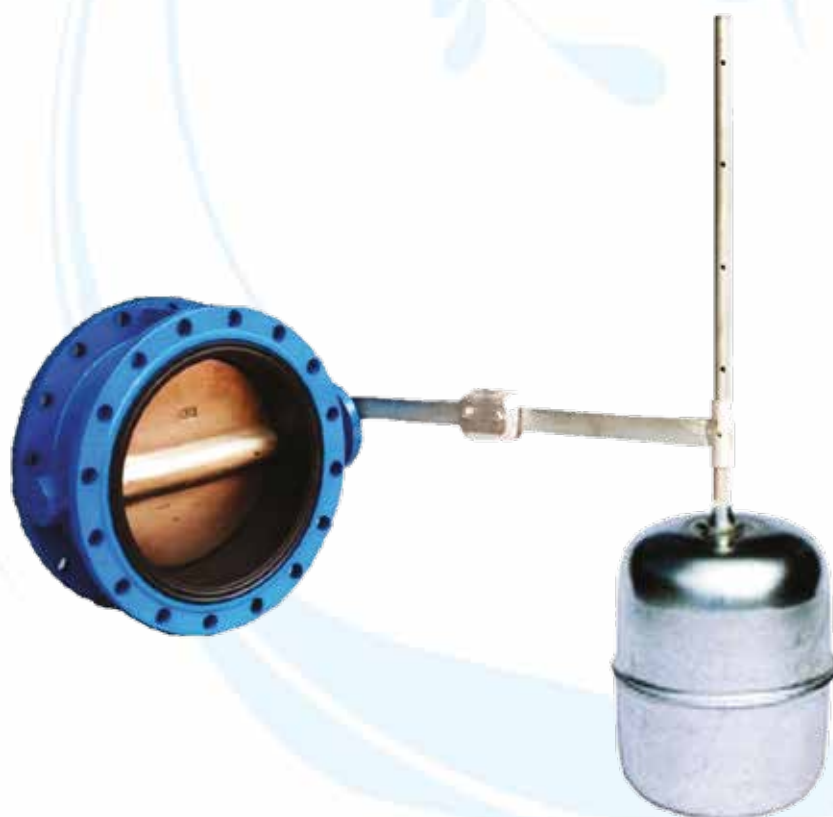
DN	Pipe OD	OD Tolerance	A	B	C	T
80	98	+2.1 - 2.6	178	168	102	8
100	118	+2.1 - 3.0	200	168	102	8
125	144	+2.3 - 3.0	230	168	102	8
150	170	+2.4 - 3.0	262	173	102	8
200	222	+2.5 - 3.5	314	173	102	9
250	274	+2.6 - 3.5	368	173	102	9
300	326	+2.7 - 3.5	420	173	102	10
350	378	+2.8 - 4.0	488	252	152	10
400	429	+2.9 - 4.0	539	252	152	12
450	480	+3.0 - 4.0	590	252	152	12
500	532	+3.2 - 4.0	642	225	152	14
600	635	+3.4 - 4.5	745	252	152	16
700	738	+1.0 - 4.5	848	252	152	16
800	842	+1.0 - 4.5	952	252	152	18
900	945	+1.0 - 5.0	1060	278	178	18
1000	1048	+1.0 - 5.0	1163	278	178	20
1100	1152	+1.0 - 6.0	1280	290	178	20
1200	1255	+1.0 - 6.0	1383	290	178	20
1400	1462	+1.0 - 7.0	1590	290	178	20
1500	1565	+1.0 - 7.0	1695	290	178	22
1600	1668	+1.0 - 7.0	1798	290	178	22
1800	1875	+1.0 - 7.0	2015	395	254	22
2000	2082	+1.0 - 8.0	2222	395	254	22

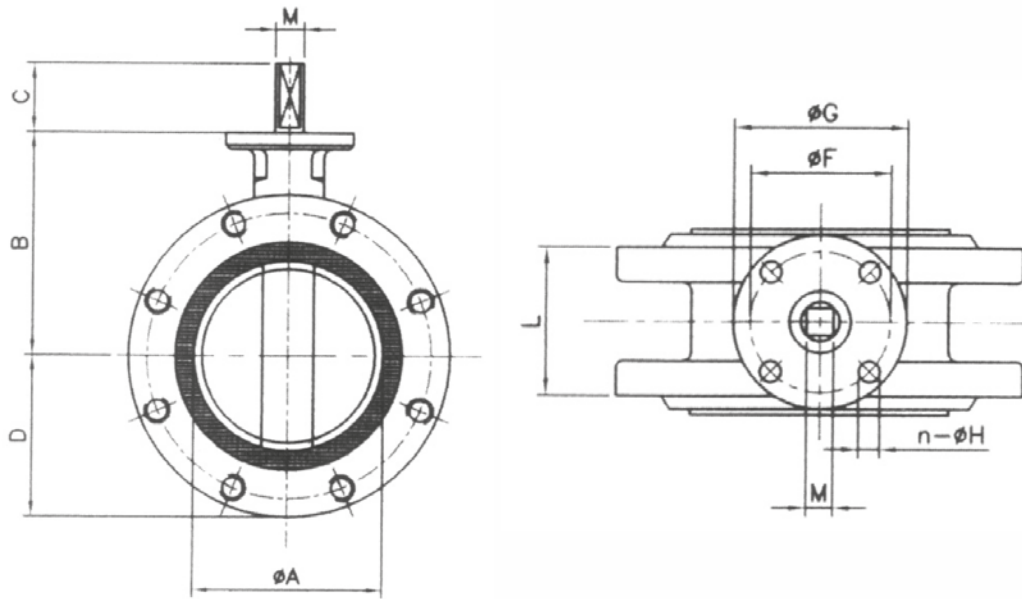
- (1) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.
- (2) The joints are designed to allow deflection up to 7°.

Quality control: each joint is entirely tested according to ISO 5208.

BALANCED FLOAT VALVE

Working pressure PN 10/16
Testing pressure PN 16/25
Face-to-face dimensions ISO 5752 (BS 5155)





Description	Material
Body	DCI GGG50
Disc	DCI GGG50
Body sealing	Elastomer EPDM
Shaft	Stainless steel
Float shaft	Stainless steel
Adjusting arm	Stainless steel
Float	Stainless steel
Painting	Epoxy

DN	A	B	C	D	F	G	L	M
50	51	120	32	65	50	65	108	9
65	63	126	32	70	50	65	112	9
80	78	133	32	80	50	65	114	9
100	102	148	32	100	70	90	127	11
125	122	160	32	110	70	90	140	14
150	155	180	32	135	70	90	140	14
200	201	205	40	160	102	125	152	17
250	249	246	40	196	102	125	165	22
300	300	270	40	220	102	125	178	22
350	332	316	40	256	102	125	190	22
400	388	365	52	308	140	175	216	22
450	439	390	52	335	165	210	222	27
500	490	415	64	360	165	210	229	27
600	590	510	64	426	165	210	267	36
700	692	560	66	480	254	300	292	36
800	792	610	90	525	254	300	318	36
900	861	690	110	635	254	300	330	55
1000	961	740	110	685	298	350	410	55
1200	961	856	120	870	298	350	470	75

(1) Alternatively, the shaft can be supplied in AISI 316 stainless steel or others, upon request.

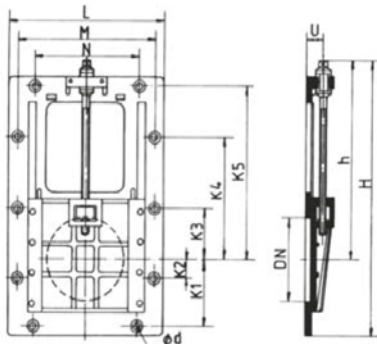
(2) The epoxy resin coating is electro statically applied (inside and outside) with a minimum thickness of 250µ.

Quality control: each valve is entirely tested according to ISO 5208.

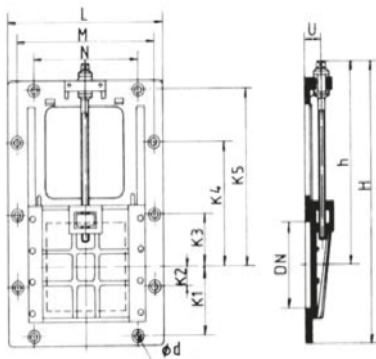
PENSTOCK VALVE (Circular or square opening)



DESCRIPTION	MATERIAL	NORMES / NORMS
BODY	DUCTILE CAST IRON GGG50	DIN EN 1591 (DIN 1691)
OBTURATOR	DUCTILE CAST IRON GGG50	DIN EN 1591 (DIN 1691)
STEM	STAINLESS STEEL (1)	AISI 303/304
STEM NUT	BRONZE	DIN EN 1982
OBTURATOR SEAT	EPDM	AISI 303/304
BODY SEAT	BRONZE	AISI 303/304
BEARING	DUCTILE CAST IRON GGG50	DIN EN 1591 (DIN 1691)
BEARING SLEEVE	BRONZE	DIN EN 1982
SLIDES	BRONZE	AISI 303/304
PAINTING	EPOXY PAINTING (2)	DIN 30677



DN	L	H	U	M	N	K1	K2	K3	K4	K5	d	h	kg
100	227	397	60	---	170	90	--	--	--	230	18	300	15
150	300	530	70	---	230	120	--	--	--	310	18	375	32
200	350	645	75	---	290	150	--	--	--	390	23	465	43
250	430	775	80	---	370	185	--	--	--	485	23	560	62
300	550	875	90	485	410	210	--	175	--	560	23	640	96
350	600	970	90	535	455	230	--	200	--	635	23	710	121
400	700	1106	100	630	520	260	--	235	--	730	30	815	181
450	750	1210	100	680	575	285	--	255	--	810	30	885	200
500	925	1445	110	834	660	328	--	82	495	902	30	1056	355
600	1000	1615	125	900	760	386	--	103	585	1080	30	1195	466
700	1120	1845	140	1020	870	440	--	115	670	1230	32	1365	668
800	1230	2050	170	1130	970	490	23	445	913	1380	35	1535	889
900	1370	2385	190	1265	1070	555	50	525	1100	1605	40	1787	1354
1000	1455	2650	200	1350	1160	600	75	587	1250	1775	40	1975	1490
1200	1700	3060	240	1590	1330	720	20	680	1380	2080	45	2300	--



DN ND	L	H	U	M	N	K1	K2	K3	K4	K5	d	h	kg
100	227	397	60	--	170	90	--	--	--	230	18	300	15
150	300	530	70	--	230	120	--	--	--	310	18	375	32
200	350	645	75	--	290	150	--	--	--	390	23	465	43
250	430	775	80	--	370	185	--	--	--	485	23	560	62
300	550	875	90	485	410	210	--	175	--	560	23	640	96
350	600	970	90	535	455	230	--	200	--	635	23	710	121
400	700	1106	100	630	520	260	--	235	--	730	30	815	181
450	750	1210	100	680	575	285	--	255	--	810	30	885	200
500	925	1445	110	834	660	328	--	82	495	902	30	1056	355
600	1000	1615	125	900	760	386	--	103	585	1080	30	1195	466
700	1120	1845	140	1020	870	440	--	115	670	1230	32	1365	668
800	1230	2050	170	1130	970	490	23	445	913	1380	35	1535	889
900	1370	2385	190	1265	1070	555	50	525	1100	1605	40	1787	1354
1000	1455	2650	200	1350	1160	600	75	587	1250	1775	40	1975	1490
1200	1700	3060	240	1590	1330	720	20	680	1380	2080	45	2300	---
1500	1990	3510	250	1850	1690	870	28	815	1568	2500	45	--	--

- Alternatively, the stem can be supplied in AISI 316 stainless steel or others, on request.
- The epoxy resin coating is electrostatically applied (inside and outside) with a minimum thickness of 250µ.

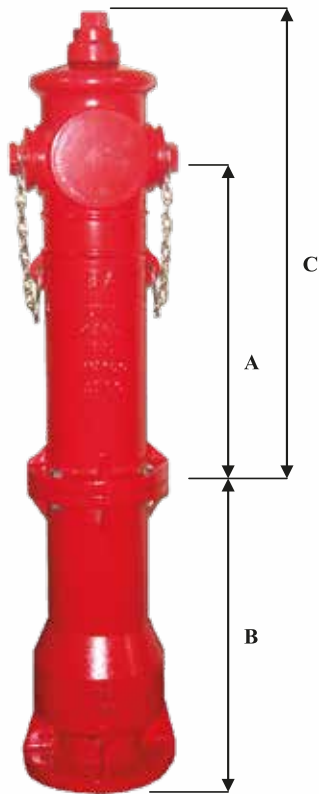
FIRE HYDRANT

Working pressure PN 16
Testing pressure PN 25



ن.م.ر. ٠٨
لعمركم والتعب لموقفنا
د. نضر حصارك مطور صليبا
م. ر. ق. ص. ٥٥





DN	DIMENSIONS			WEIGHT
	A	B	C	Kg
80	450	450	650	48
100	450	450	650	49
150	450	450	650	50

Pillar fire hydrant for fire brigade's installations, with automatic antifreeze outlet.

This type of fire hydrant has a tightening closure by means of a wedge recovered by rubber with inclined seat, giving a safe tight working function thanks to the soft sealing below

the wedge area (foreign solid particles or sand going through the water flow), avoiding the replacement of the groundseating, as it can happen with other types of fire hydrants.

Junction fittings (Guillemin, Storz, ...) upon request.

DESCRIPTION	MATERIAL
BODY	DUCTILE CAST IRON GGG50
EXTENSION	DUCTILE CAST IRON GGG50
CAP	DUCTILE CAST IRON GGG50
CHAIN	BRASS
WEDGE	DUCTILE CAST IRON GGG50 Coated with non-toxic NBR RUBBER
STUFFING BOX	BRASS
STEM	BRASS
SCREW	ZINCKED STEEL
FITMENTS	NBR RUBBER

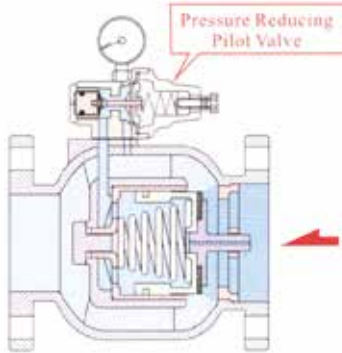
(1) The epoxy resin coating is applied (inside and outside) with a minimum thickness 200µ .

PRESSURE REDUCING VALVE

Pressure Adjusting Range : 0.7 ~7Kgf/cm²
4 ~12 Kgf/cm²
(1 Kgf/cm² = 14.2 psi)



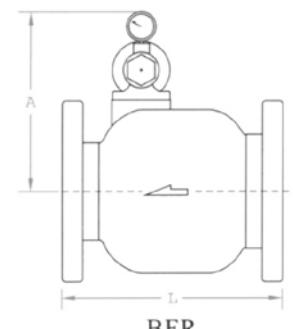
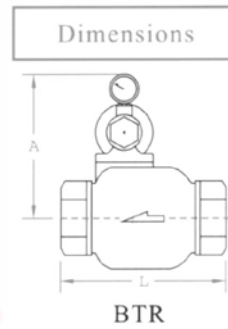
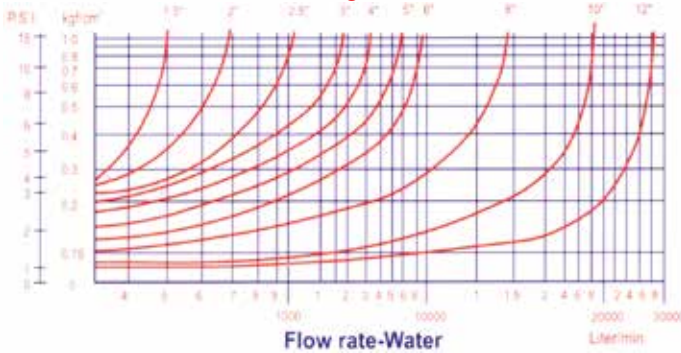
- Pressure reducing valve can prevent pipeline breakage due to high pressure.
- Pressure reducing valve is installed in water supply pipeline and maintains the setting outlet pressure in main valve, regardless of the different inlet pressure.
- Pressure reducing valve can be installed in water supply, air conditioning and fire control systems to maintain the setting outlet pressure.



The pressure reducing valve uses a sub-valve (pressure reducing pilot valve) to control the main valve. When the outlet pressure reaches the setting range of pressure reducing pilot valve, the pilot valve will automatically sense the outlet pressure and adjust the pressure of the back pressure chamber in the main valve, so the valve gate can be opened and consequently maintains the outlet pressure.

- The pressure meter on the pilot valve shows the outlet pressure. When the outlet opens, the value of the pressure meter is lower.
- When the outlet is used for large flow and the gate generates quick-close motion, the pilot valve will slowly respond to the main valve to close the gate. Under this situation, the outlet pressure gets a little higher, and a tiny pressure reducing valve can be added.

Flow Chart of Pressure Reducing Valve



(Thread end)

Item No.	Size	L(mm)	A(mm)	Weight(Kg)	CV
BTR-40	1.5"	120	160	3.5	48
BTR-50	2"	200	180	8	75
BTR-80	3"	235	200	13	140

(Flange end)

Item No.	Size	L(mm)	A(mm)	Weight(Kg)	CV
BFR-50	2"	190	180	12	75
BFR-65	2.5"	210	185	15	105
BFR-80	3"	225	200	18	140
BFR-100	4"	250	222	24	260
BFR-125	5"	280	235	32	390
BFR-150	6"	310	260	44	550
BFR-200	8"	420	300	87	1000
BFR-250	10"	470	335	152	1600
BFR-300	12"	530	370	202	2200
BFR-350	14"	600	415	285	3000

Special order can be arranged for higher pressure adjustment range or size over 14" or particular fluid.

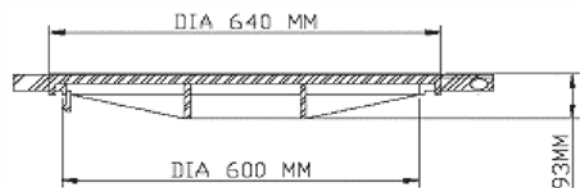
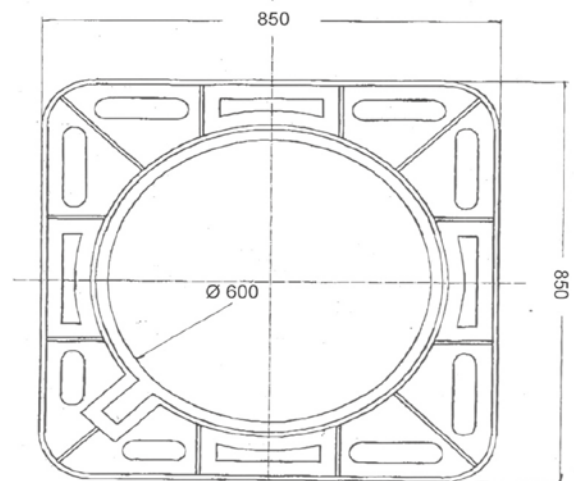
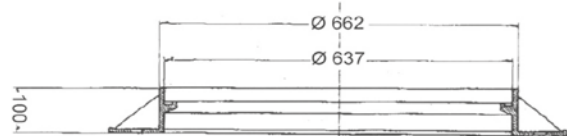
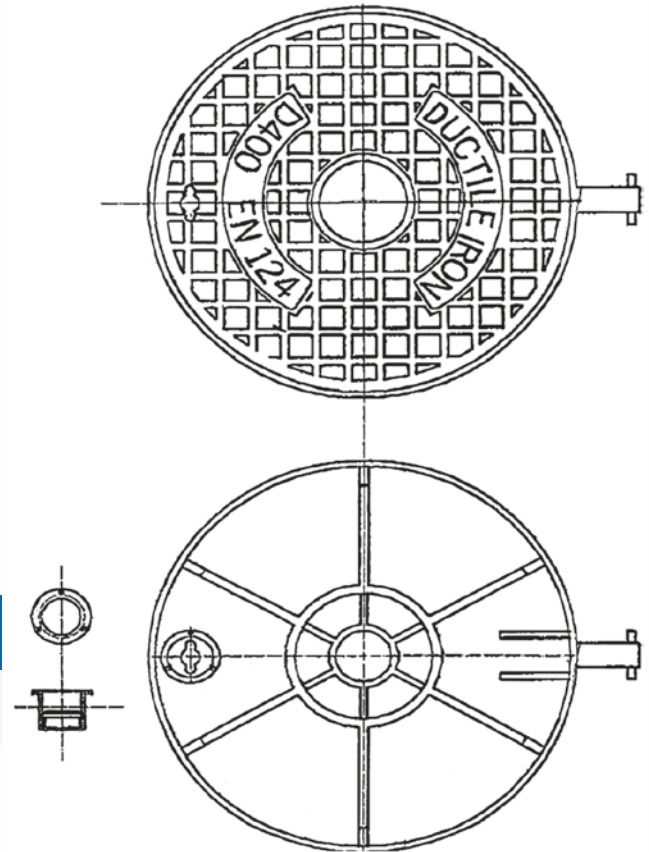
**MANHOLE COVER D400/600 SQUARE
FRAME / ROUND COVER
ARTICULATED - WITH ANTI-THEFT
LOCKING SYSTEM**



Breaking Charge: 400 KN

ANTI-THEFT SYSTEM

**OPERATED BY
A SPECIAL KEY**



Description	Material
Cover	Ductile iron GGG50
Frame	Ductile iron GGG50
Elastic seating	PVC Flexible
Lock	Ductile iron GGG50
Painting	Epoxy

MODEL	WEIGHT (KGS)
D 400 600 ART	62

الشركة القابضة لمياه الشرب والصرف الصحي

(ش.م.ق.م)

الهيئة القومية
لمياه الشرب والصرف الصحي

الهيئة القومية لمياه الشرب والصرف الصحي

خاتمة : 15
رقم الترخيص : 2012/10
تاريخ : 2012/10/10
موقع : القاهرة

السيد المهندس / أشرف زكريا كساب رئيس مجلس الإدارة

شعبة طيبة وبعد ...

الموضوع: بخصوص رأي اللجنة الفنية بشأن المقترح المقدم من شركة الإنش (MBBR) للتعاملات الهندسية لمعالجة مياه الصرف الصحي بنظام (MBBR).

لما بدأنا في خطاب سؤالاتكم رقم (15) بتاريخ 2012/3/24 بخصوص معالجة مياه الصرف الصحي بنظام (MBBR) يرجى التكرم بالعلم بأنه قد قام ممثل شركة الإنش للتعاملات الهندسية بعرض الموضوع عليه على اللجنة الفنية للشركة القابضة لمياه الشرب والصرف الصحي بالاجتماع الماسع والعشرون بتاريخ 2012/10/30 وبحضور السيد اللواء/ السيد العشري - رئيس الهيئة القومية لمياه الشرب والصرف الصحي.

هذا وقد خلصت رأي اللجنة إلى أن هذه التقنية يمكنها زيادة القدرة الاستيعابية لمحطات معالجة الصرف الصحي القائمة دون الحاجة إلى توسعات وكذلك استخدامها في المحطات المصممة للقرى والتي لا تتوفر بها مساحات كافية، كما أن المبدأ المستندة يتم تسخيرها في مصر حالياً لذا فإنه يجب التخلي عنها في تطبيق هذه التكنولوجيا خاصة لرفع كفاءة المحطات القائمة التي تستقبل مياه صرف زائدة عن الطاقة التصميمية ويصعب عمل توسعات لها.

وتفضلوا سيادتكم بقبول والفر التحية ...

رئيس قطاع البحوث والتطوير

أ. د. / رفعت عبد الوهاب

د. / 10/10/2012

العنوان : كورنيش النيل - الشد - محطة مياه روض الفرج - القاهرة
تلفون : 2/ 24242421 - 2/ 24242421
Email: hcnw@hcnw.com.eg

National Organization
For Potable Water & Sanitary Drainage
Administration of Testing & Industry Supervision

الهيئة القومية
لمياه الشرب والصرف الصحي
إدارة الاختبارات والرقابة على الصناعة

شهادة اعتماد مشاة إنتاجية

رقم الترخيص : 2012/10/10

(مهتمات المرشحة)

اسم المنشأة : شركة الإنش للتعاملات الهندسية (مبكر)
عنوان الإدارة : 31 ش البريق على طريق جازي - مكرم حيد - نصر - القاهرة
عنوان المصنع : المنطقة الصناعية رقم 4 بؤك (2012) مدينة العو - المنطقة الصناعية
السجل التجاري : 986 مكاتب سجل تجاري : الإنش - محافظة : القاهرة
بيش رقم تسجيل شهري : 217/524/189 مأمورية : الإنش - محافظة : القاهرة
سجل صناعات رقم : 32278 م سنة الإصدار : 2009/6/30 نوعية الصناعة : حاسبية
رخصة : مؤقتة (ملف رقم : 2012 (معية) : العو
مواقة تولى : بالقرى

أهم المنتجات المعتمدة لدى الهيئة :-

1. جميع المحابس من الزهر الرمادي والزهر المون
2. جميع وتداول الخزانات الخاصة بنظام الحماية من المطرقة المائية وتجميع نظام الحم
3. تجميع بوابات زهر من ورمادي
4. تجميع وصلات فك وركيب زهر من حتى قطر 100 مم
5. تصنيع بوابات من 50.8

الهيئة لن تصدر أي شهادات اختيار لأي توريدات إلا لتوريدات التي يتم معيئة مراحل
تصنيعها وتجميعها قبل التوريد

- طبقا للمواصفات القومية المصرية والعربية
- يتم الالتزام بتعليمات الإدارة والموضحة خلفه وفي حالة مخالفتها بشر لا في
- لتزم الشركة بتوريد مستويات مختارة ليتم تصديقها وتجميعها بالشركة كمنتج نهائي مع الالتزام
بتقديم المستندات الخاصة لكل شحنة مستويات طبقا للاجراءات المتبعة مع المنتجات المستوردة
وذلك بعد التصديق والتجميع النهائي

المعروف عليه

مجلس : 13

متمم البحوث "مهم"

صكر في 19/10/2012
سري في 10/10/2012

208
21/10/12

SAMAH

EGYPTIAN ORGANIZATION FOR
STANDARDIZATION & QUALITY (EOS)



**الهيئة المصرية العامة
للمواصفات والجودة**

الإدارة العامة للاختبارات الهندسية
مركز ضبط جودة الإنتاج الصناعي
إدارة الاختبارات الميكانيكية والصلابة

تقرير نتائج اختبار عينة اسطوانية حلقة حريق
EOS C 2 / 3-1

تاريخ دخول العينة: ٢٠١٤/٢/٢٠
العمل المختص: محل الميكانيكية
عدد صفحات التقرير: ١
تاريخ إصدار التقرير: ٢٠١٤/٢/٢١

جهة التوريد منها العينة: شركة الأنتس للتجارة والمقاولات
العينة المقدم: عدد (١) عينة اسطوانية حلقة حريق
الرقم القوي/السرّي: هـ/م/٢٠١٤/٢/٢١
ملاحظات العميل: الشروط الدفاع المدني المعتمدة بمعرفة العميل
تم إجراء الفحوص والاختبارات على عينة اسطوانية حلقة حريق المعتمدة بمعرفة العميل طبقاً لمواصفات العميل (الضغط الهيدروليكي -
الفحص الظاهري للبيانات الإيضاحية وسك طوله الظاهر و الأبعاد طبقاً لاشتراطات الدفاع المدني المعتمدة بمعرفة العميل
وكلت النتائج الاختبار كالآتي :-

النتيجة	الاختبار
الطغلة مطبقة بظلام لتمر سحبات الطغلة مزودة بفتحتين لخروج الماء و سلسلتين لتخليق العينين بهما مزودة بغطاء رئيسي للتحكم في دخول الماء	١ - الفحص الظاهري
PN 16 GGG50 BIMEX DIN 100	٢ - البيانات الإيضاحية
لم يحدث تسرب عند ضغط ٢٥ بار	٣ - اختبار الضغط الهيدروليكي
٣٧٧ ميكرون ٢٩٥ ميكرون	٤ - سمك طبقة الظلام - خارجي - داخلي
44.5 CM 45 CM 45.5 CM 59.3 kg	٥ - الأبعاد A B C Weight

هذا وتوجد الاشارة إلى أن نتائج اختبار هذه العينة لا تمثل إلا نفسها ولا يمكن بها الاعتماد على غيرها أو في المعاملات أو التوريد أو التصدير ولا يمكن بها كشهادة مطابقة.

٢١ شارع قديم القديسين - الأميرية - القاهرة
خدمة الإشارات: TTA6001 / TTA6002
الفاكس: TTA600-1

١٦ شارع قديم القديسين - الأميرية - القاهرة
TAA6001 / TAA6002
الفاكس: TTA600-1

١٦ شارع قديم القديسين - الأميرية - القاهرة
TAA6001 / TAA6002
الفاكس: TTA600-1

CERTIFICATE • ZERTIFIKAT • CERTIFICATE • CERTIFICATE

CERTIFICATE



AL ANDALUS FOR ENGINEERING INDUSTRIES – BIMEX

MAIN OFFICE: 31 EL FAREK AL AWAL ALJ AMER ST., NASR CITY - CAIRO - EGYPT
FACTORY: PLOT NO. 3, 4, BLOCK 26035, AL OSOUR INDUSTRIAL ZONE, GALYUOBA – EGYPT

has implemented and maintains a Quality Management System.

MANUFACTURING AND ASSEMBLING OF VALVES, SURGE VESSELS, PEN STOCKS (DUCTILE IRON - CAST IRON), STAINLESS STEEL PEN STOCKS, FIRE HYDRANTS, METALLIC BODY OF ELECTRICAL PANELS, WASTE WATER TREATMENT PLANTS, ALL TYPE OF PUMPS, ANTI-HAMMER SYSTEM AND ITS FITTINGS AND MANUFACTURING OF FITTING (ELBOWS, DISMANTLING JOINT, TEES, JOINTS)

Out of Scope: 7.3, 7.6.2, 7.6.4
EA 18

Through an audit, documented in a report, it was verified that the management System fulfills the requirements of the following standard:

ISO 9001:2008

Certificate registration no. : 24.02.2017
Valid from : 23.02.2020
Valid until : 24.02.2017
Date of original certification

QA-D/EGY/9001/0746
24.02.2017
23.02.2020
24.02.2017


Overseas Operation Manager
Begim ADAKAN
Stuttgart, 2017.02.24

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شركة الأندلس للصناعات الهندسية - بيمكس هي شركة من كبرى الشركات في مجال المياه والصرف الصحي وأنظمة الحماية من الطرق المائي ومحطات معالجة مياه الصرف الصحي والصناعي وانفردت الشركة منذ انطلاقتها بتقديم التصاميم الخاصة بشبكات المياه الحديثة منخفضة التكاليف عالية الجودة والتي تتجنب جميع السلبات الموجودة في التصاميم القديمة هذه التصاميم عالية الجودة طبقت في العديد من المشاريع منها مدينة الرحاب بالكامل ومدينة مدينتي لصالح مجموعة طلعت مصطفى وبن لادن العالمية. ومدينة دريم لاند لصالح مجموعة بهجت. ومدينة مرسى علم لصالح مجموعة الخرايف والعديد من المشاريع العملاقة الأخرى. كما تقوم الشركة بتصميم وتصنيع وتوريد وتركيب أنظمة الحماية من الطرق المائي ومحطات معالجة مياه الصرف الصحي والصناعي المدمجة والتي استخدمت في العديد من المشاريع الكبرى مثبتة كفاءتها العالية.



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