

WATER TREATMENT



GALASSI&ORTOLANI
QUALITY VALVES SINCE 1937



BROCHURE

OUR STORY

Founded in 1937, Galassi & Ortolani Srl is a **italian company** that embodies the excellence of Italian craftsmanship. With decades of experience, it specializes in the production of **high-quality valves** for crucial sectors such as **Water Treatment, Oil&Gas, Chemical and Ceramic**. Craftsmanship is the company's key strength, combining a tradition passed down from generation to generation with a passion for innovation. Each valve is the result of meticulous attention to detail, telling a story of commitment, precision, and timeless beauty.

Certified by ISO.



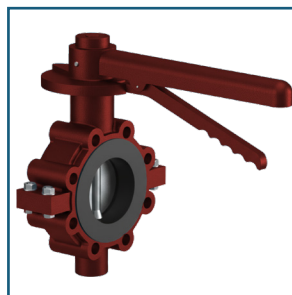
PINCH



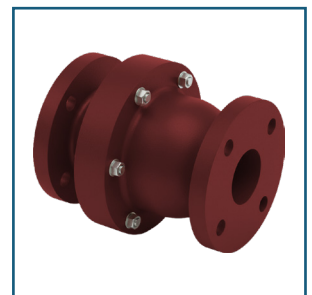
DIAPHRAGM



BUTTERFLY



CLAPET





BUREAU
VERITAS

Bureau Veritas Certification



GALASSI & ORTOLANI S.R.L.

Via Ghirlandaio N. 2/4 - 20096 Pioltello (344) - Italy

Certified site:

Via Ghirlandaio N. 2/4 - 20096 Pioltello (344) - Italy

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Design, production and assistance of pinch, butterfly, check and diaphragm valves.
Marketing and assistance of ball valves.

IAF: 18

Original Cycle Start Date:

01-October-2024

Expiry date of previous cycle:

NA

Certification / Recertification Audit date:

25-September-2024

Certification/Recertification Cycle Start date:

01-October-2024

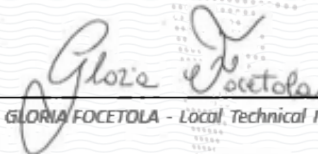
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:

30-September-2027

Certificate No. IT336155

Version: 1

Revision date: 01-October-2024


GLORIA FOCETOLA - Local Technical Manager



MS N°0009

Certification Body Address:

Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.

To check the validity of this certificate please double click or scan QR CODE

VALVES FEATURES

PINCH

Hand and pneumatic operated pinch valves do not incorporate any stuffing box and are leaktight on all liquids, slurries, granular materials, powders, pastes, gases, acids etc..

PRODUCT FEATURES:

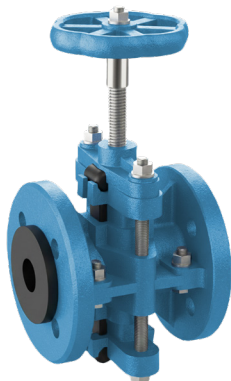
- Straight through way
- Sized from 1/2" through 14"
- Flanged valves in according to UNI PN 10 and ANSI/ASME 150#
- Manual, pneumatic and electric operators

PERFORMANCE FEATURES:

- No loss of head
- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- No packing
- Quick and easy replacement of sleeve, no special tooling required
- Sleeve supported during opening and closing: hence the possibility of under vacuum operation
- No maintenance
- Long durability
- Threaded spindles and side tie rods in stainless steel
- Cylinders in aluminium and specially treated cylinder springs on pneumatic models
- Epoxy painted, valve bodies protected with an anti-acid varnish

BODY VALVE MATERIALS:

- Cast iron GG25/Cast iron A126
- Spheroidal cast iron GGG40/Ductil iron ASTM A395
- Pure aluminium
- Cast steel A216 grade WCB
- Cast steel A352 grade LCB
- 316 Stainless steel ASTM A351 grade CF3M
- 316 L Stainless steel ASTM A351 grade CF8M



DIAPHRAGM

G&O Diaphragm valve do not incorporate any stuffing box and are leaktight on all liquids, slurries, granular materials, powders, pastes, gases, acids etc..

PRODUCT FEATURES:

- Weir type, conveyed flow way – Full bore type, straight through way
- Sanitary type
- Flanged valves sized from 1/2" through 14"
- Sanitary type (butt-weld, screwed, tri-clamp, socket) sized from 1/2" through 4"
- Manual, pneumatic and electric operators

PERFORMANCE FEATURES:

- Long diaphragm life: no metallic inserts to strain the elastomers
- Low pressure loss
- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- Epoxy painted, valve bodies protected with an anti-acid varnish

BODY VALVE MATERIALS:

- Cast iron GG20 or GG 25 (UNI ISO 185/UNI 5007) as per ASTM A126
- Ductil or spheroidal cast iron GS400/12 (UNI ISO 183/UNI 4544) as per ASTM A536
- Cast steel WCB (A216M-93) as per ASTM A216 WCB
- Carbon steel LCB as per ASTM A352
- Stainless steel 316 (A743M-98) as per CF8M
- Pure aluminium

BODY VALVE LINING MATERIALS:

- Soft rubber
- Butyl rubber
- Hard rubber (ebonite)
- ECTFE/HALAR
- PFA
- ETFE
- Galvanized (laid in an hot zinc bath)



VALVES FEATURES

BUTTERFLY

Hand and pneumatic operated butterfly valves are quick opening valves that consist of a metal disc (lined where necessary) with its pivot axes at right angles to the direction of flow in the pipe. They are leaktight on all liquids, slurries, granular materials, powders, pastes, gases acids etc...

PRODUCT FEATURES:

- To mount between flanges ANSI/BS/DIN/JIS
- Size from 2" through 24"
- Manual, pneumatic and electric operated

PERFORMANCE FEATURES:

RESILIENT SEATED CONCEPT:

- Lower risk of damage due to tuberculation then metal on metal concept valve
- Long seat life: no metallic inserts to strain the elastomers
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish

METAL ON METAL CONCEPT:

- Metal seated valve for high temperature
- Body valve designed and manufactured in one part
- PTFE seated valve only available for temperature up to 200°C

BODY VALVE MATERIALS:

- Spheroidal cast iron GS400

DISC MATERIALS:

- Hard rubber lined A216 WCB carbon steel
- PFA lined
- Rilsan lined
- HALAR/ECTFE lined SS 304/316 or marine ss 316
- SS 304; SS 316; SS 316 L
- Ductile iron
- Hastelloy C
- Aluminium bronze
- Duplex



CLAPET

G&O Check valve are designed to standards of maximum simplicity and efficiency. The valve body can be supplied, on indications from customers, to fulfil specific requirements in use.

PRODUCT FEATURES:

- Simple three parts design for Non return Check valves, with only one moving part (disc), valve usable in vertical or horizontal plane
- Light weight for Wafer type Check valves, bubble tight, low pressure loss. The eccentric shaft connection in combination with disc seat, guarantees a positive shut off of the returning medium.
- Light weight for Spring Loaded Check valve, short length, low pressure drop and positive shut-off, achieved by unique spring loaded disc.
- Dual Plate and Non-Slam Check valves are stronger, lighter and smaller than conventional swing check valves.
- Pressure Rating 7.0 bar, Class 150, 300, 600, 900, 1500, 2500
- Size from 1/2" through 64"

PERFORMANCE FEATURES:

- Valves with most advanced design Features provide the ultimate in dependable, economic flow control
- Surface protection for ductile iron and cast steel Valves, Chlorine free prime coat with modified alkyd resin unobjectionable in physiological and toxicological respects. Additional external coating: Enamel/Silver Streak aluminium paint

BODY VALVE MATERIALS:

- ASTM A126 CLASS C
- ASTM A395
- ASTM A216 WCB
- PVDF, PPH
- ASTM A351 CF8, CF8M, CF3, CF3M
- ASTM A105
- ASTM A182 F11, F22, F5, F9, F304, F316

DISC & PLUG MATERIALS:

- ASTM A276 Type 410, 304, 316
- ASTM A217 CA15
- ASTM A216 WCB
- ASTM A351 CF8, CF8M, CF3, CF3M
- ASTM A395
- PVDF, PPH

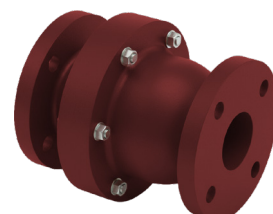


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PINCH VALVES

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MOD. GS2



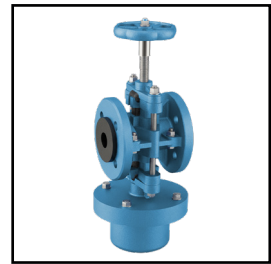
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MOD. GS5



PAG.3

MOD. GS5D



PAG.4

MOD. GS7



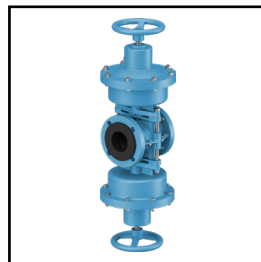
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MOD. GS7D



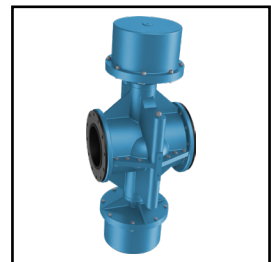
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MOD. GS21



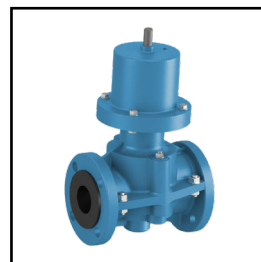
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MOD. GS51



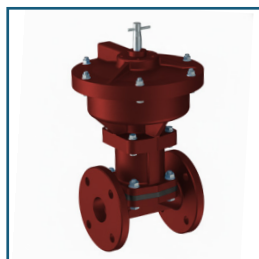
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MOD. GS51 DIN



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MOD. GS52



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MOD. GS52A



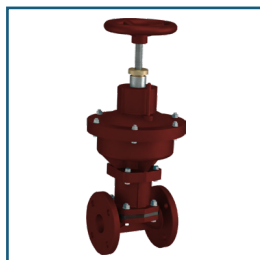
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MOD. GS53



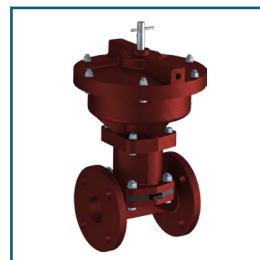
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BUTTERFLY VALVES

MOD. GS33



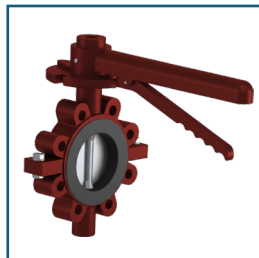
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MOD. GS33W



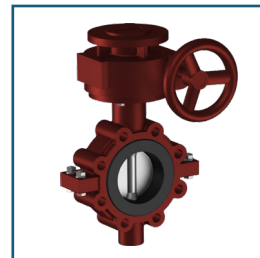
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MOD. GS33WL



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MOD. GS34

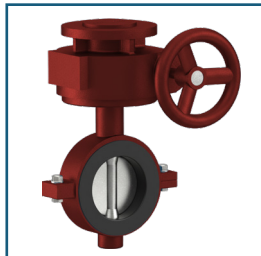


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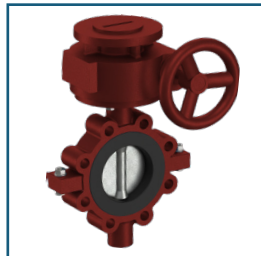
BUTTERFLY VALVES

MOD. GS34W



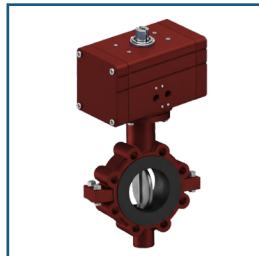
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MOD. GS34WL



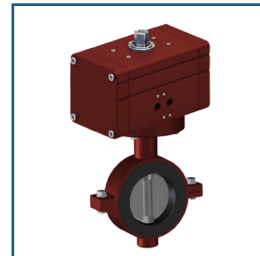
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MOD. GS38



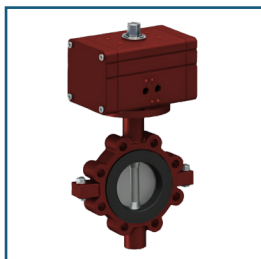
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MOD. GS38W



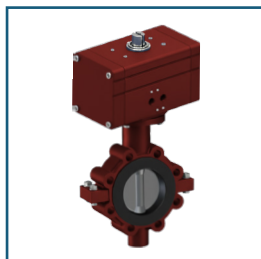
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MOD. GS38WL



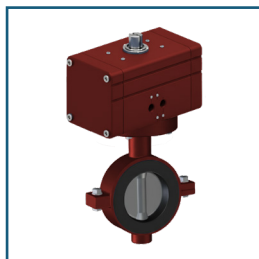
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MOD. GS40



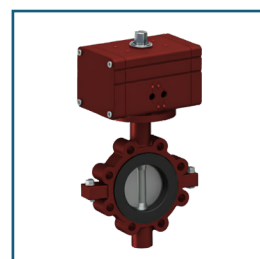
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MOD. GS40W



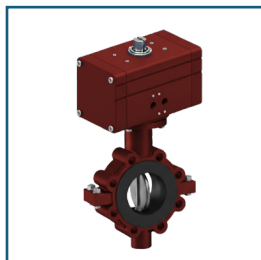
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MOD. GS40WL



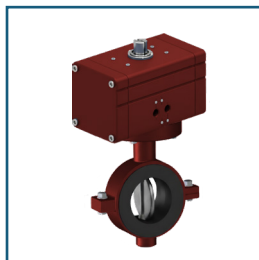
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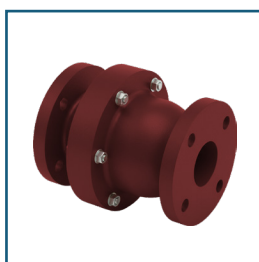
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DISCS



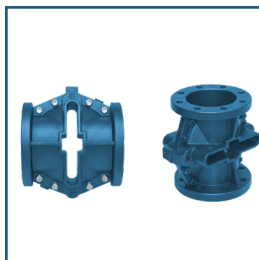
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SPRINGS



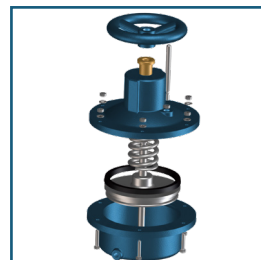
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FB DIAPH.VALVES



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PLASTIC FITTINGS & VALVES



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MODEL GS1

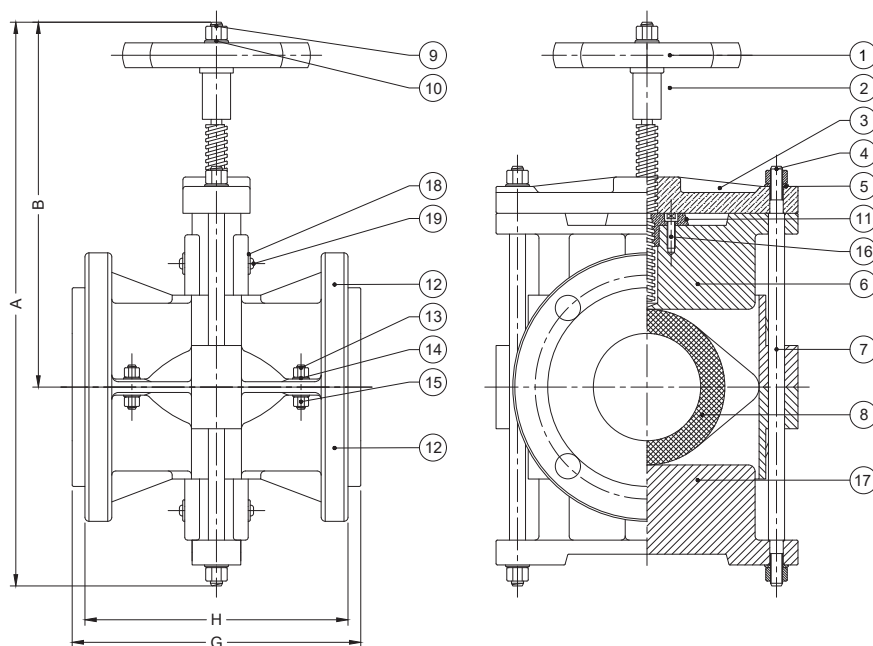
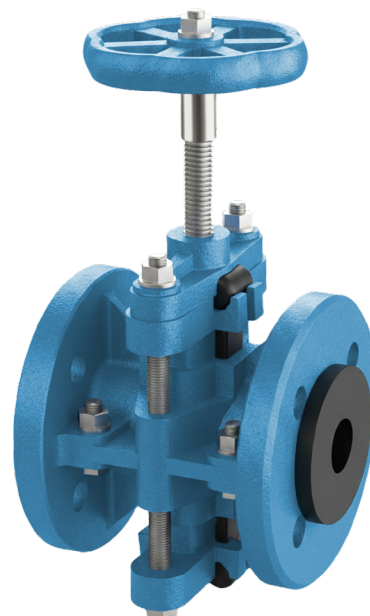
PINCH VALVE (MANUAL)

PRODUCT FEATURES:

- Sized from DN 20 through DN 200
- Manual handwheel operated

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting

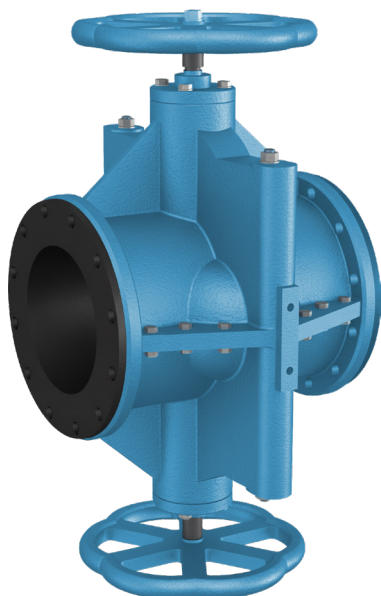


NOMENCLATURE OF DETAILS	
1	WHEEL
2	LEAD SCREW
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	UPPER PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BUSHING OF BRONZE
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	CLAMPING SCREW FOR BUSHING
17	LOWER PLUG
18	WASHER
19	CLAMPING SCREW FOR BUSHING

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORK PRESS.	ALUM.	C/IRON
20	210	150	107	95	5	10	5	4	1,300	3,000
25	230	160	118	106	5	10	5	4	1,800	3,600
30	255	178	130	115	5	10	5	4	2,800	5,600
40	305	212	154	140	5	10	5	4	4,000	8,000
50	335	233	176	160	5	10	5	4	5,000	10,300
60	355	245	194	180	5	10	5	4	6,500	13,600
70	390	260	206	190	5	10	5	4	7,600	15,000
80	420	280	215	196	5	10	5	3	9,200	18,000
90	490	320	250	232	5	10	5	3	15,000	28,000
100	500	330	275	260	4	10	4	3	14,500	26,600
125	630	415	300	280	4	10	4	3	22,000	40,000
150	680	445	330	300	4	8	4	3	27,000	51,000
175	765	500	355	335	4	8	4	3	37,000	67,000
200	840	550	375	350	4	8	4	3	41,400	72,000

MODEL GS2

PINCH VALVE (MANUAL)

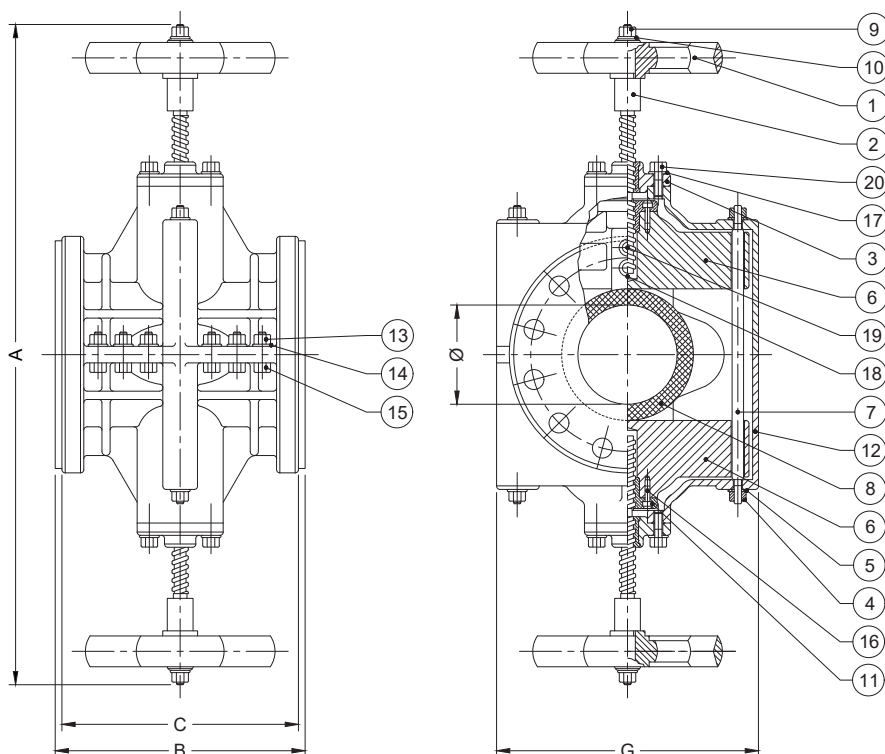


PRODUCT FEATURES:

- Sized from DN 250 through DN 350
- Manual handwheel operated

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting



NOMENCLATURE OF DETAILS

1	WHEEL
2	LEAD SCREW
3	BUSHING
4	HEXAGON NUT
5	WASHER
6	PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BUSHING
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	CLAMPING SCREW FOR BUSHING
17	WASHER
18	WASHER
19	CLAMPING SCREW FOR BUSHING
20	HEXAGON BOLT

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORK PRESS.	ALUM.	C/IRON
250	1100	510	515	395	4	8	4	2,5	82,0	150,0
300	1200	600	605	445	4	8	4	2,5	104,0	200,0
350	1300	700	720	505	3,5	8	3,5	2	166,0	328,0

MODEL GS5

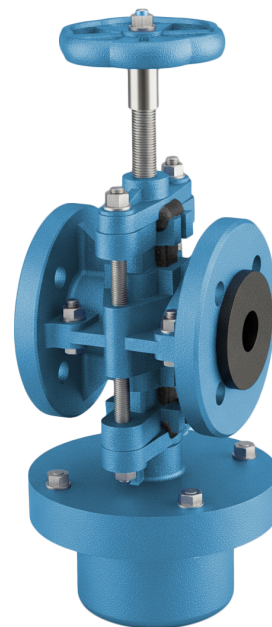
PINCH VALVE (AUTOMATIC)

PRODUCT FEATURES:

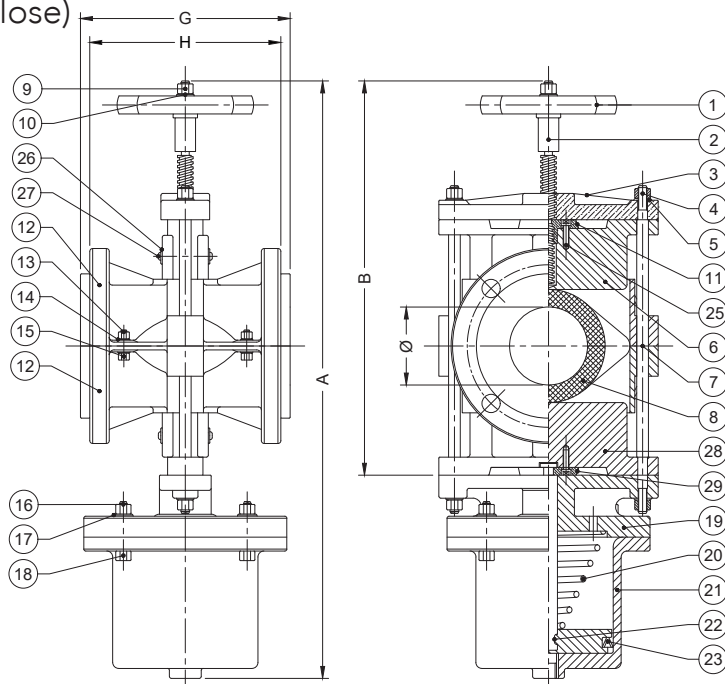
- Sized from DN 20 through DN 200
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Single effect acting fail to open (air to close)



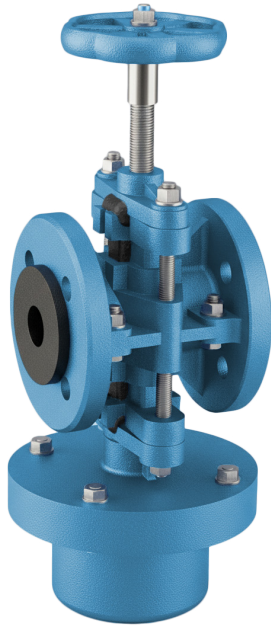
NOMENCLATURE OF DETAILS	
1	WHEEL
2	LEAD SCREW
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	UPPER PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BUSHING OF BRONZE
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	SUPPORT AND CYLINDER
20	SPRINGS
21	CYLINDER
22	PISTON AND DRIVE PIN
23	"V" GASKET
24	RUBBER TUBE
25	CLAMPING SCREW FOR BUSHING
26	WASHER
27	CLAMPING SCREW FOR BUSHING
28	LOWER PLUG
29	RETURN BUSHING



OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORK.PRESS.	ALUM.	C/IRON
20	310	205	107	95	5	10	5	4	3,000	5,000
25	345	220	118	106	5	10	5	4	4,500	6,000
30	380	245	130	115	5	10	5	4	5,200	8,000
40	445	300	154	140	5	10	5	4	7,700	12,200
50	495	330	176	160	5	10	5	4	9,000	13,600
60	525	350	194	180	5	10	5	4	12,100	19,000
70	565	380	206	190	5	10	5	4	13,500	21,000
80	605	410	215	196	5	10	5	3	15,000	23,000
90	665	450	250	232	5	10	5	3	23,000	29,000
100	715	490	275	260	4	10	4	3	23,000	36,000
125	850	600	300	280	4	10	4	3	33,000	52,000
150	935	650	330	300	4	8	4	3	43,500	65,000
175	1055	740	355	335	4	8	4	3	54,000	79,000
200	1142	800	375	350	4	8	4	3	61,000	94,500

MODEL GS5D

PINCH VALVE (AUTOMATIC)

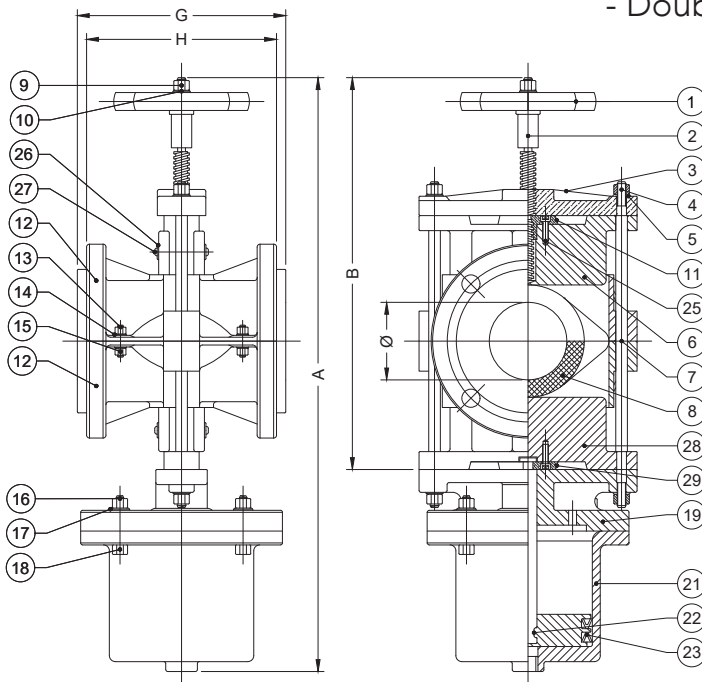


PRODUCT FEATURES:

- Sized from DN 20 through DN 200
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Double effect acting fail to open & fail to close



NOMENCLATURE OF DETAILS

1	WHEEL
2	LEAD SCREW
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	UPPER PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BUSHING OF BRONZE
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	SUPPORT AND CYLINDER
20	CYLINDER
21	PISTON AND DRIVE PIN
22	"V" GASKET
23	RUBBER TUBE
24	CLAMPING SCREW FOR BUSHING
25	WASHER
26	CLAMPING SCREW FOR BUSHING
27	LOWER PLUG
28	RETURN BUSHING
29	CLAMPING SCREW FOR BUSHING AND WASHER

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORK.PRESS.	ALUM.	C/IRON
20	310	205	107	95	5	10	5	4	3,000	5,000
25	345	220	118	106	5	10	5	4	4,500	6,000
30	380	245	130	115	5	10	5	4	5,200	8,000
40	445	300	154	140	5	10	5	4	7,700	12,200
50	495	330	176	160	5	10	5	4	9,000	13,600
60	525	350	194	180	5	10	5	4	12,100	19,000
70	565	380	206	190	5	10	5	4	13,500	21,000
80	605	410	215	196	5	10	5	3	15,000	23,000
90	665	450	250	232	5	10	5	3	23,000	29,000
100	715	490	275	260	4	10	4	3	23,000	36,000
125	850	600	300	280	4	10	4	3	33,000	52,000
150	935	650	330	300	4	8	4	3	43,500	65,000
175	1055	740	355	335	4	8	4	3	54,000	79,000
200	1142	800	375	350	4	8	4	3	61,000	94,500

MODEL GS7

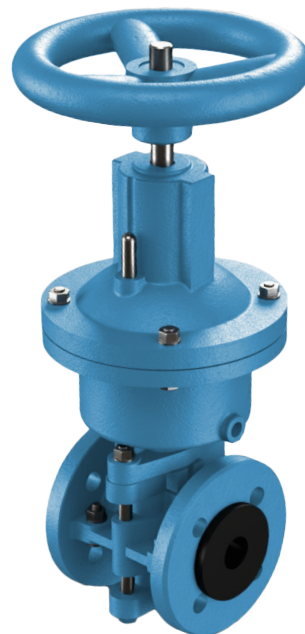
PINCH VALVE (AUTOMATIC)

PRODUCT FEATURES:

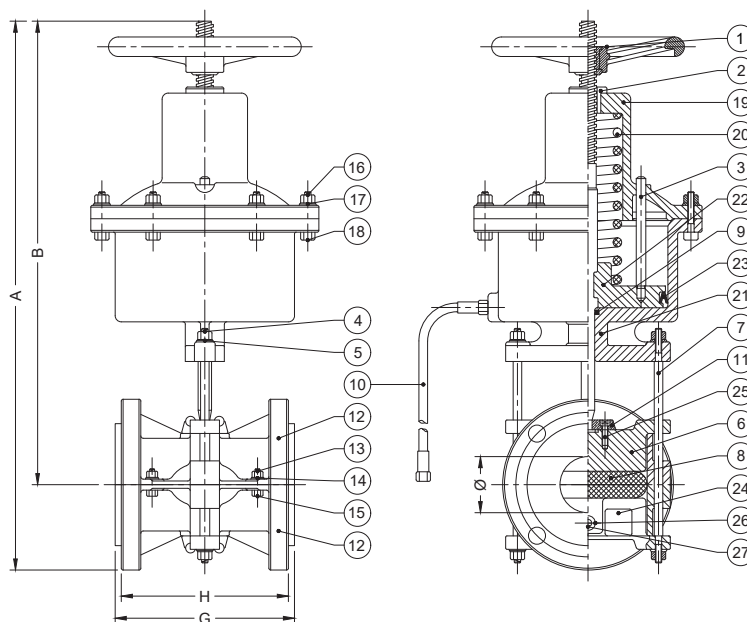
- Sized from DN 20 through DN 80
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Single effect acting fail to close (air to open)



NOMENCLATURE OF DETAILS	
1	WHEEL AND BUSHING
2	SUPPORTING RING
3	GUIDE PIN
4	HEXAGON NUT
5	WASHER
6	UPPER PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	SMALL "V" GASKET
10	RUBBER TUBE
11	RETURN BUSHING
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER AND SUPPORT
22	PISTON PIN AND LEAD SCREW
23	"V" GASKET
24	LOWER PLUG
25	CLAMPING SCREW FOR BUSHING
26	WASHER
27	CLAMPING



OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
20	355	302,5	107	95	4,5	10	4,5	4	4,000	5,200
25	440	382,5	118	106	4,5	10	4,5	4	6,500	8,000
30	450	380	130	115	4,5	10	4,5	4	8,000	11,000
40	535	460	154	140	4,5	10	4,5	4	11,500	15,000
50	565	482,5	176	160	4,5	10	4,5	4	14,000	19,000
60	600	507,5	194	180	4	10	4	3	18,000	25,000
70	670	577,5	206	190	4	10	4	3	22,000	28,000
80	720	620	215	196	3,5	10	3,5	3	25,000	33,000



MODEL GS7A

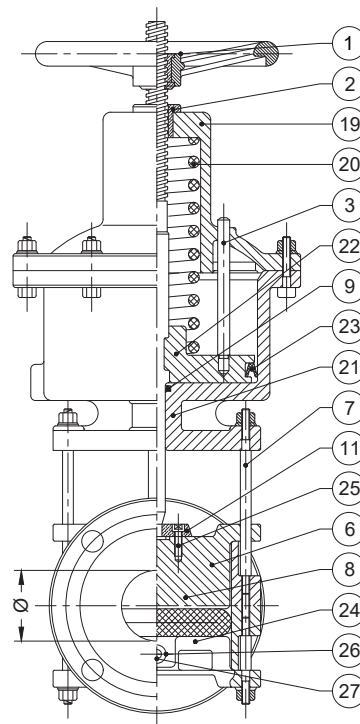
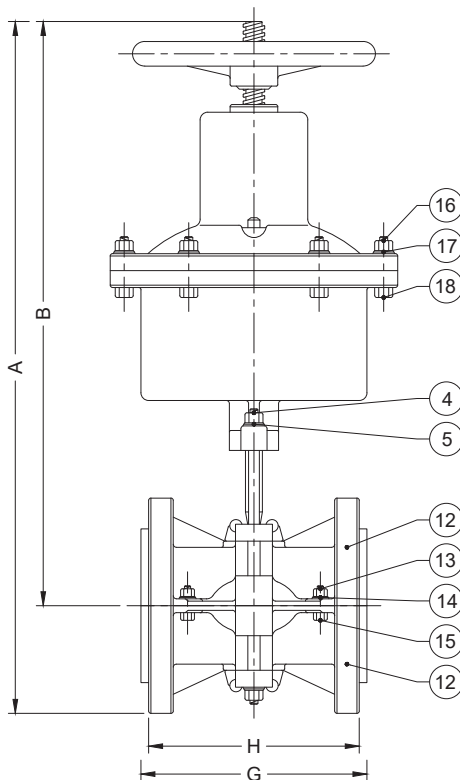
PINCH VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 100 through DN 200
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Single effect acting fail to close (air to open)



NOMENCLATURE OF DETAILS

1	WHEEL AND BUSHING
2	SUPPORTING RING
3	GUIDE PIN
4	HEXAGON NUT
5	WASHER
6	UPPER PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	SMALL "V" GASKET
10	RETURN BUSHING
11	VALVE BODY
12	HEXAGON NUT
13	WASHER
14	HEXAGON BOLT
15	HEXAGON NUT
16	WASHER
17	HEXAGON BOLT
18	COVER
19	SPRINGS
20	CYLINDER AND SUPPORT
21	PISTON PIN AND LEAD SCREW
22	"V" GASKET
23	LOWER PLUG
24	CLAMPING SCREW FOR BUSHING
25	WASHER
26	CLAMPING

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	850	740	275	260	3,5	10	3,5	3	32,00	38,00
125	1000	875	300	280	3,5	10	3,5	3	45,00	54,00
150	1200	1058	330	300	3,5	10	3,5	3	54,00	66,00
200	1500	1330	375	350	3,5	10	3,5	3	81,00	95,00

MODEL GS8

PINCH VALVE (AUTOMATIC)

PRODUCT FEATURES:

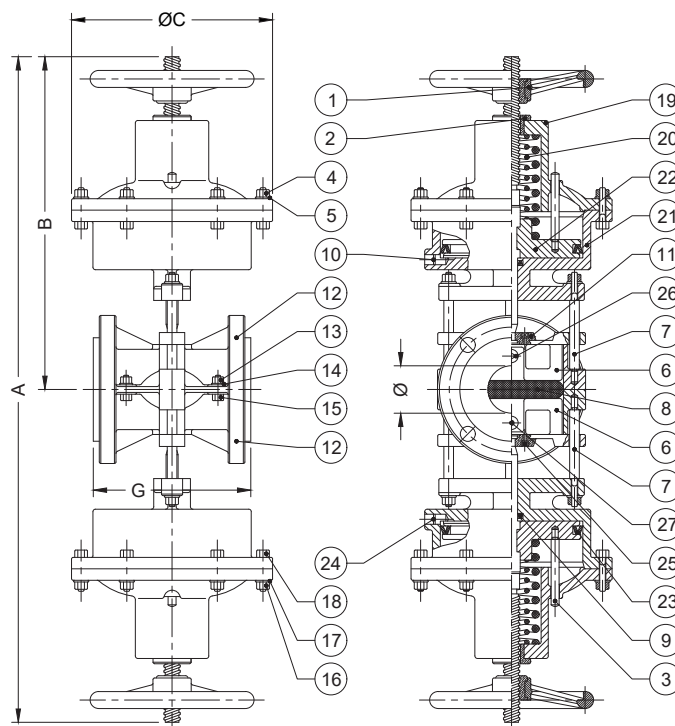
- Sized from DN 80 through DN 200
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Single effect acting fail to close (air to open)



NOMENCLATURE OF DETAILS	
1	WHEEL AND BUSHING
2	SUPPORTING RING
3	GUIDE PIN
4	HEXAGON NUT
5	WASHER
6	PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	SMALL "V" GASKET
10	AIR INLET
11	RETURN BUSHING
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CILINDER AND SUPPORT
22	PISTON PIN AND LEAD SCREW
23	"V" GASKET
24	AIR INLET
25	CLAMPING SCREW FOR BUSHING
26	WASHER
27	CLAMPING



OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
80	940	470	215	196	3,5	10	3,5	3	37,0	47,0
90	1230	615	250	232	3,5	10	3,5	3	50,0	62,0
100	1230	615	275	260	3,5	10	3,5	3	49,0	61,0
125	1290	645	300	280	3	10	3	2,5	65,0	80,0
150	1400	700	330	300	3	10	3	2,5	80,5	103,7
175	1490	745	355	335	2,5	10	2,5	2	91,0	125,0
200	1550	775	375	350	2	10	2	1,5	108,0	163,0



MODEL GS18

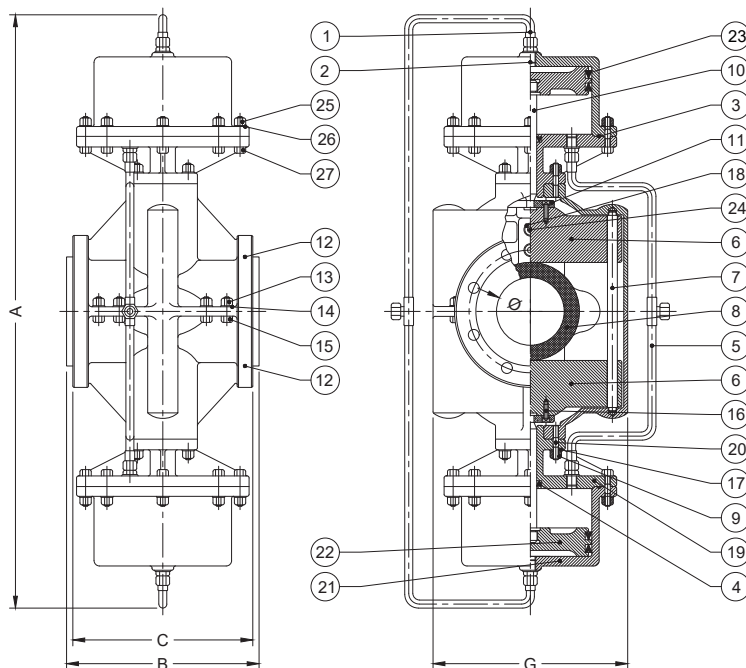
PINCH VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 100 through DN 350
- Pneumatic without emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Double effect acting fail to open & fail to close



NOMENCLATURE OF DETAILS

1	RUBBER TUBE
2	INSIDE PIPE FITTING
3	GASKET
4	"V" GASKET
5	RUBBER TUBE
6	PLUG
7	TIE ROD
8	RUBBER SLEEVE
9	HEXAGON NUT
10	DRIVE PIN
11	RETURN BUSHING
12	VALVE BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	CLAMPING SCREW FOR BUSHING
17	WASHER
18	WASHER
19	SUPPORT AND CYLINDER
20	STUD BOLT
21	CYLINDER
22	PISTON
23	"V" GASKET
24	CLAMPING
25	HEXAGON NUT
26	WASHER
27	HEXAGON BOLT

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	G	H	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	845	275	282	220	4	10	4	3	44,0	63,0
125	960	300	328	250	4	10	4	3	53,0	76,0
150	1055	330	384	285	4	8	4	3	67,0	98,0
175	1145	355	418	315	4	8	4	3	84,0	124,0
200	1255	375	460	340	4	8	4	3	100,0	154,0
250	1400	510	515	395	4	8	4	2,5	130,0	194,0
300	1540	600	605	445	4	8	4	2,5	160,0	255,0
350	1680	700	720	505	3,5	8	3,5	2	225,0	365,0

MODEL GS21

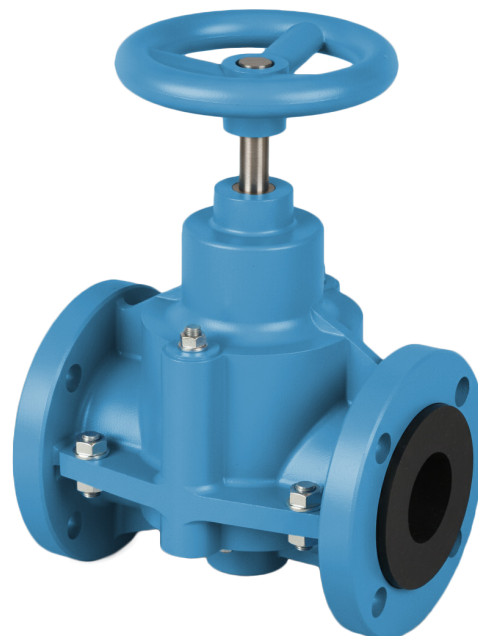
PINCH VALVE (MANUAL)

PRODUCT FEATURES:

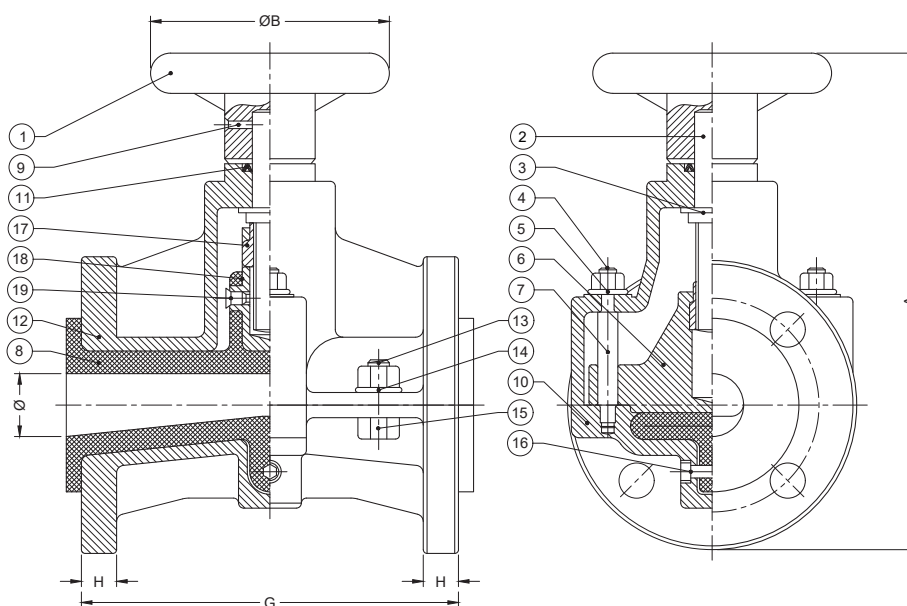
- Sized from DN 20 through DN 150
- Manual handwheel operated

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting



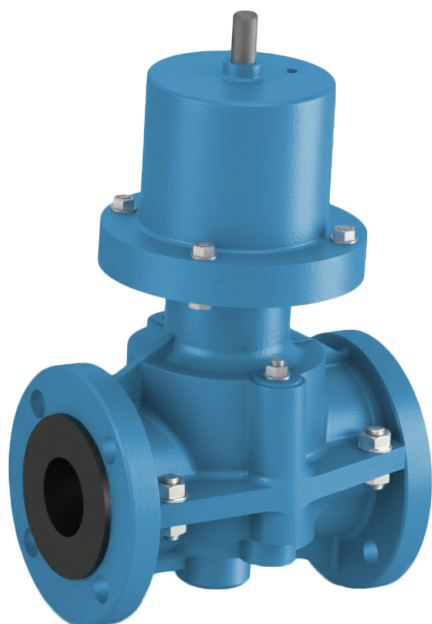
NOMENCLATURE OF DETAILS	
1	WHEEL
2	LEAD SCREW
3	WASHER
4	HEXAGON NUT
5	WASHER
6	PLUG
7	TIE ROD
8	SLEEVE
9	SOCKET
10	VALVE LOWER BODY
11	BUSHING OF BRONZE
12	VALVE UPPER BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	SCREW SOCKET
17	BRONZE NUT
18	WASHER
19	CLAMPING SCREW FOR BUSHING



OVERALL DIMENSIONS (MM)					HYDRAULIC TEST PRESSURE IN BAR		WEIGHT ALUMINIUM
DN	A	B	G	H	OPEN	CLOSE	KG
20	185	70	140	14	10	5	2,1
25	199	95	150	14	10	5	2,38
30	235	95	170	16	10	5	3,8
40	267	155	190	18	10	5	5,48
50	292	155	220	21	10	5	6,9
80	350	210	300	22	10	5	13,5
100	425	255	340	22	10	5	19,9
150	601	310	470	24	10	5	37

MODEL GS22

PINCH VALVE (AUTOMATIC)

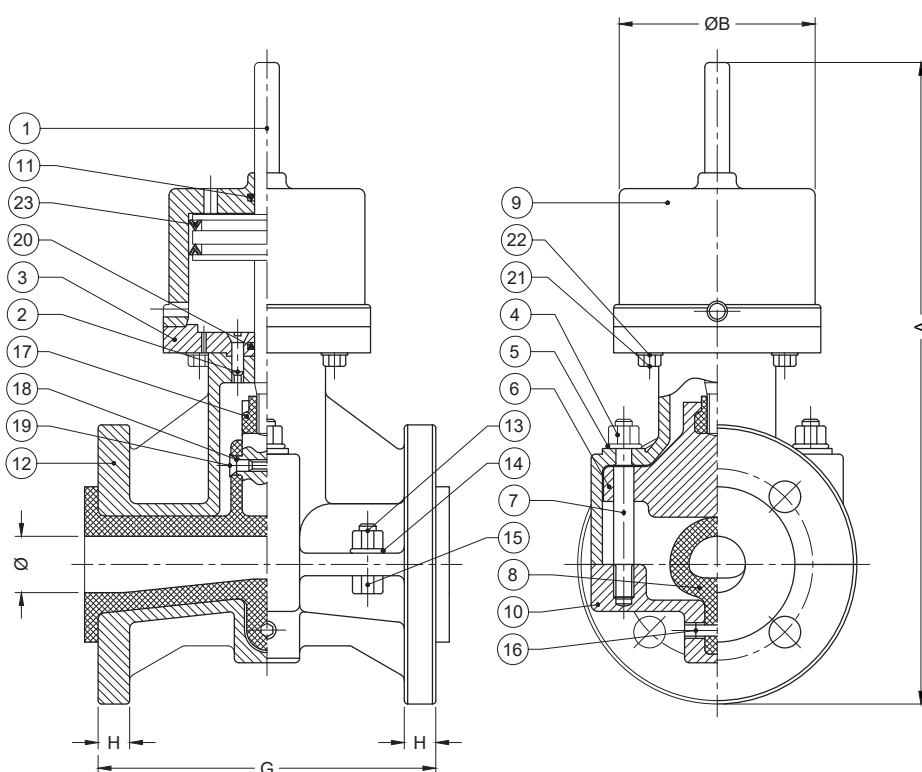


PRODUCT FEATURES:

- Sized from DN 20 through DN 150
- Pneumatic without emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Single effect acting fail to open (air to close)



NOMENCLATURE OF DETAILS

1	DRIVE PIN-PISTON
2	HEXAGON SOCKET
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	TIE ROD
8	SLEEVE
9	CYLINDER
10	VALVE LOWER BODY
11	GASKET
12	VALVE UPPER BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	SCREW SOCKET
17	BRONZE NUT
18	WASHER
19	CLAMPING SCREW FOR BUSHING
20	GASKET
21	HEXAGON BOLT
22	WASHER
23	GASKET

OVERALL DIMENSIONS (MM)					HYDRAULIC TEST PRESSURE IN BAR		AIR CONTROL IN BAR		WEIGHT ALUMINIUM
DN	A	B	G	H	OPEN	CLOSE	MIN	MAX	KG
20	240	80	140	14	10	5	4	6	2,1
25	278	100	150	14	10	5	4	6	2,38
30	317	100	170	16	10	5	4	6	3,8
40	366	118	190	18	10	5	4	6	5,48
50	395	118	220	21	10	5	4	6	6,9
80	482	145	300	22	10	5	4	6	13,5
150	866	220	470	24	10	5	4	6	37

MODEL GS27

PINCH VALVE (AUTOMATIC)

PRODUCT FEATURES:

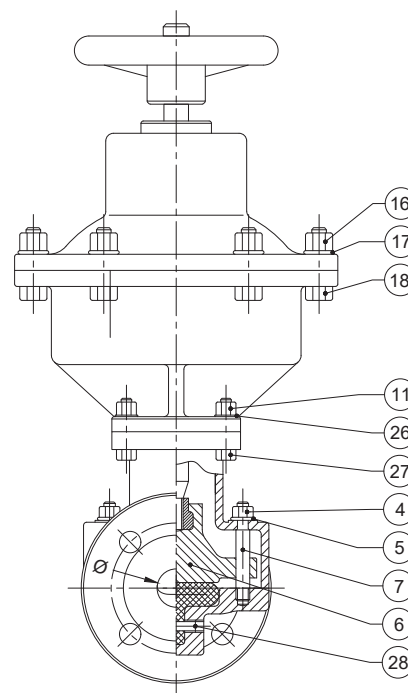
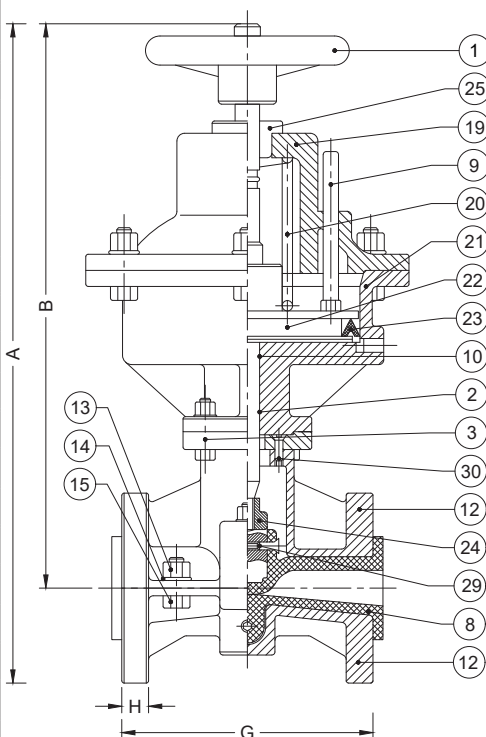
- Sized from DN 20 through DN 150
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Faultless sealing on liquids, fluid suspensions, granulated materials, powders, sludge, gas, etc.
- Quick and easy replacement of sleeve, no special tooling required
- No maintenance
- Long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish or special required painting
- Single effect acting fail to close (air to open)



NOMENCLATURE OF DETAILS	
1	WHEEL
2	OR
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	TIE ROD
8	SLEEVE
9	GUIDE PIN
10	GASKET
11	HEXAGON NUT
12	VALVE UPPER BODY
13	HEXAGON NUT
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON
23	"V" GASKET
24	BRONZE NUT
25	BUSHING & COVER
26	WASHER
27	HEXAGON BOLT
28	SCREW SOCKET
29	CLAMPING SCREW FOR BUSHING AND WASHER
30	HEXAGON SOCKET HEAD COUNTER-SUNK



OVERALL DIMENSIONS (MM)					HYDRAULIC TEST PRESSURE IN BAR		AIR CONTROL IN BAR		WEIGHT ALUMINIUM
DN	A	B	G	H	OPEN	CLOSE	MIN	MAX	KG
20	389,5	337	140	14	10	4	4	6	2,1
25	418,5	361	150	14	10	4	4	6	2,38
30	496	426	170	16	10	4	4	6	3,8
40	525	450	190	18	10	4	4	5	5,48
50	535,5	453	220	21	10	4	4	5	6,9
80	667	567	300	22	10	4	4	5	13,5
100	812	702	340	22	10	4	4	5	/
150	1130	987,5	470	24	10	4	5	6	37

MODEL GS51

DIAPHRAGM VALVE (MANUAL)

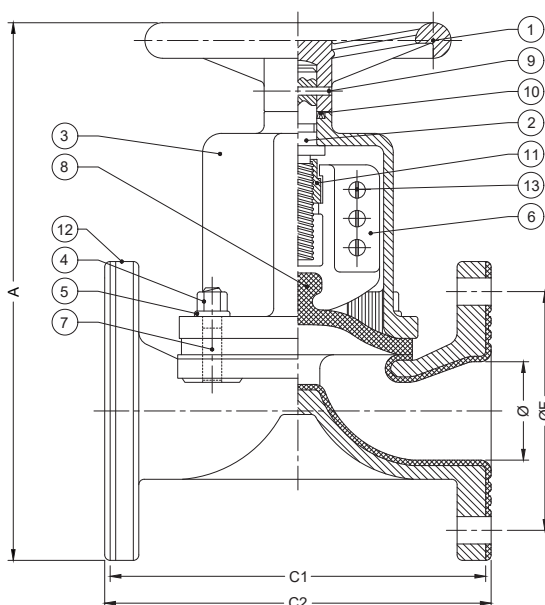


PRODUCT FEATURES:

- Sized from DN 15 through DN 300
- Manual handwheel operated
- Weir type

PERFORMANCE FEATURES:

- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Lower risk of damage



OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C1	C2	F	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
15	140	100	110	65	14	15	14	13	2,3	2,4
20	170	128	138	75	14	15	14	13	3,8	3,9
25	180	128	138	85	14	15	14	13	4,0	4,1
30	210	145	155	100	13	15	13	12	6,6	6,7
40	250	162	172	110	12,5	15	12,5	11,5	8,0	8,3
50	275	186	196	125	12,5	15	12,5	11,5	12,0	12,4
60	330	217	227	145	11	15	11	10	17,0	17,6
75	365	255	265	160	10,5	15	10,5	9,5	23,0	24,0
100	430	307	317	180	10,5	15	10,5	9,5	36,5	38,0
125	530	355	365	210	9	13	9	8	55,7	56,0
150	590	407	417	240	8,7	13	8,7	7,7	76,5	76,2
200	760	520	530	295	7	13	7	6	144,0	142,0
250	858	635	645	350	6	8	6	5	225,0	226,0
300	950	750	760	400	6	8	6	5	330,0	350,0

NOMENCLATURE OF DETAILS	
1	CONTROL WHEEL
2	LEAD SCREW
3	COVER
4	HEXAGON NUT
5	WASHER
6	PLUG
7	STUD BOLT
8	DIAPHRAGM
9	SOCKET
10	GASKET
11	BRONZE NUT
12	VALVE BODY
13	CLAMPING SCREW
14	SOCKET

MODEL GS51 DIN

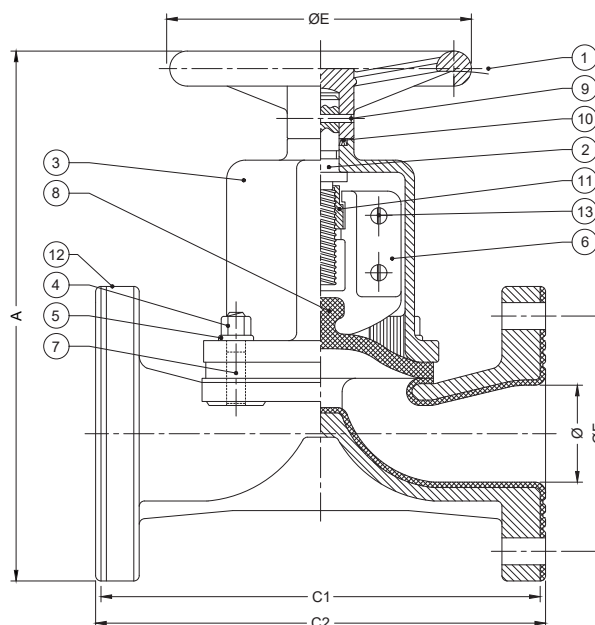
DIAPHRAGM VALVE (MANUAL)

PRODUCT FEATURES:

- Sized from DN 15 through DN 300
- Manual handwheel operated
- Weir type
- Face to face DIN 3202 F1

PERFORMANCE FEATURES:

- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Lower risk of damage

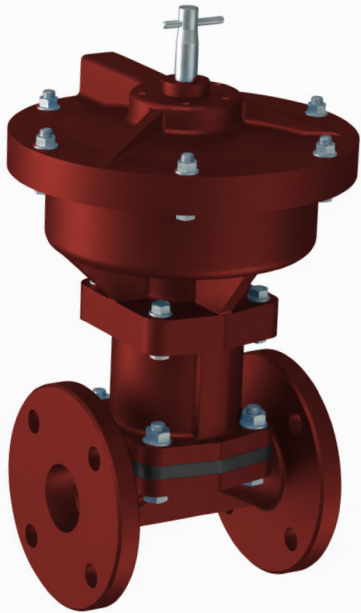


NOMENCLATURE OF DETAILS	
1	CONTROL WHEEL
2	LEAD SCREW
3	COVER
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT
8	DIAPHRAGM
9	SOCKET
10	GASKET
11	BUSHING CONTROL
12	VALVE BODY
13	HEXAGON NUT
14	SOCKET

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C1	C2	F	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
15	140	120	130	65	14	15	14	13	2,1	2,3
20	170	140	150	75	14	15	14	13	4,0	4,3
25	180	150	160	85	14	15	13	12	4,5	4,8
30	210	170	180	100	13	15	13	12	7,5	8,0
40	250	190	200	110	12,5	15	12,5	11,5	6,5	8,5
50	275	220	230	125	12,5	15	12,5	11,5	12,2	13,0
60	330	280	290	145	10	15	11	10	18,0	19,5
75	365	300	310	160	10,5	15	10,5	9,5	26,0	28,0
100	430	340	350	180	10,5	15	10,5	9,5	39,0	41,0
125	530	390	400	210	9	15	9	8	57,0	60,0
150	590	470	480	240	8,7	13	8,7	7,7	75,0	89,0
200	760	590	600	295	7	13	7	6	155,0	164,0
250	858	720	730	350	6	8	6	5	242,0	250,0
300	950	840	850	400	6	8	6	5	340,0	350,0

MODEL GS52

DIAPHRAGM VALVE (AUTOMATIC)



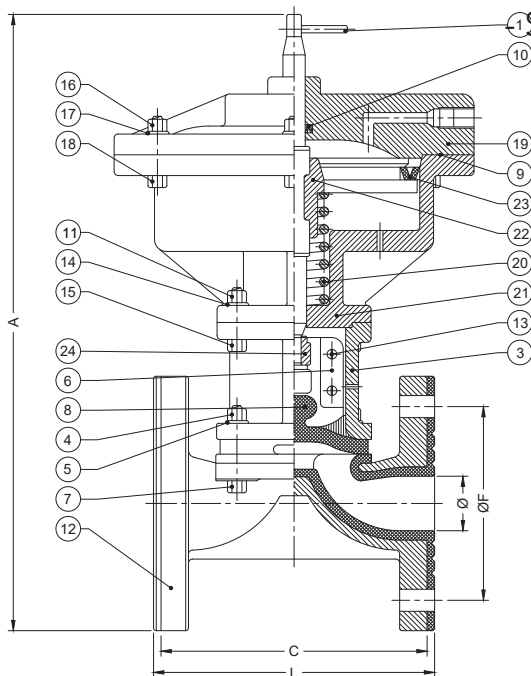
PRODUCT FEATURES:

- Sized from DN 20 through DN 250
- Pneumatic without emergency handwheel
- Weir type

PERFORMANCE FEATURES:

- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Lower risk of damage

Single effect acting - fail to open (air to close)



NOMENCLATURE OF DETAILS

1	SOCKET
2	RUBBER HOSE
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT, STUD BOLT
8	DIAPHRAGM
9	GASKET
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON, DRIVE PIN, GUIDE PIN
23	"V" GASKET
24	BRONZE NUT

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C	F	L	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
20	282,5	128	75	138	5	15	5	4	6,4	7,3
25	287,5	128	85	138	5	15	5	4	7,0	7,8
30	350	145	100	155	5	15	5	4	9,5	10,0
40	405	162	110	172	5	15	5	4	11,5	12,0
50	432,5	186	125	196	4,5	15	4,5	3,5	16,0	17,0
60	502,5	217	145	227	4,5	15	4,5	3,5	23,0	24,0
75	550	255	160	265	4,5	15	4,5	3,5	30,0	30,0
100	650	307	180	317	4,5	15	4,5	3,5	45,0	46,0
125	790	355	210	365	4	13	4	3	65,0	67,0
150	852,5	407	240	417	4	13	4	3	86,0	88,0
200	1120	950	295	530	3	13	3	2	174,0	176,0
250	1378	1180	350	645	3	13	3	2	240,0	246,0

MODEL GS52A

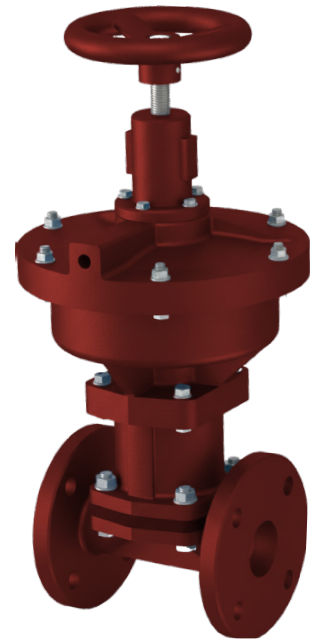
DIAPHRAGM VALVE (AUTOMATIC)

PRODUCT FEATURES:

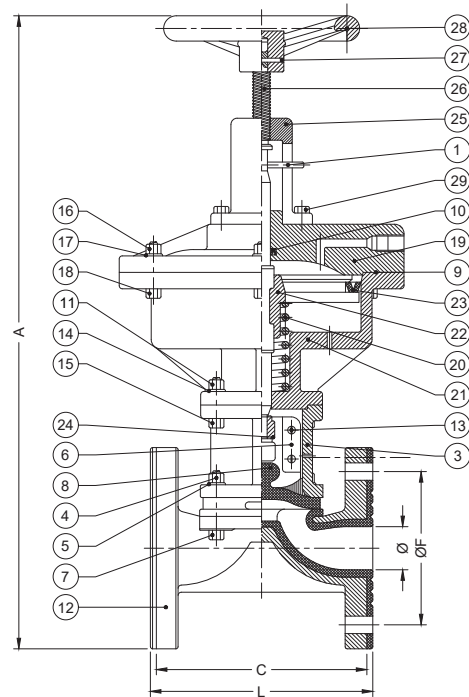
- Sized from DN 20 through DN 250
- Pneumatic with emergency handwheel
- Weir type

PERFORMANCE FEATURES:

- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Lower risk of damage
- Single effect acting - fail to open (air to close)



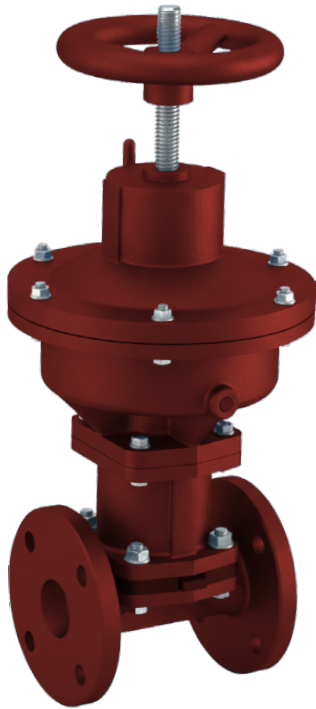
NOMENCLATURE OF DETAILS	
1	SOCKET
2	RUBBER HOSE
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT, STUD BOLT
8	DIAPHRAGM
9	GASKET
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON, DRIVE PIN, GUIDE PIN
23	"V" GASKET
24	BRONZE NUT
25	UPPER COVER
26	LEAD SCREW
27	SOCKET
28	WHEEL
29	HEXAGON BOLT



OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C	F	L	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
20	364	128	75	138	5	15	5	4	7,6	7,8
25	369	128	85	138	5	15	5	4	7,8	8,0
30	436	145	100	155	5	15	5	4	12,0	11,8
40	505	162	110	172	5	15	5	4	14,0	14,4
50	536,5	190	125	196	4,5	15	4,5	3,5	19,7	20,0
60	629,5	217	145	227	4,5	15	4,5	3,5	26,0	27,0
80	691	255	160	265	4,5	15	4,5	3,5	35,0	35,5
100	813	307	180	317	4,5	15	4,5	3,5	54,0	55,0
125	997	355	210	365	4	13	4	3	76,5	77,5
150	1074,5	407	240	417	4	13	4	3	98,0	99,0
200	1425	520	295	530	3	13	3	2	180,0	182,0
250	1700	635	350	645	3	13	3	2	280,0	288,0

MODEL GS53

DIAPHRAGM VALVE (AUTOMATIC)

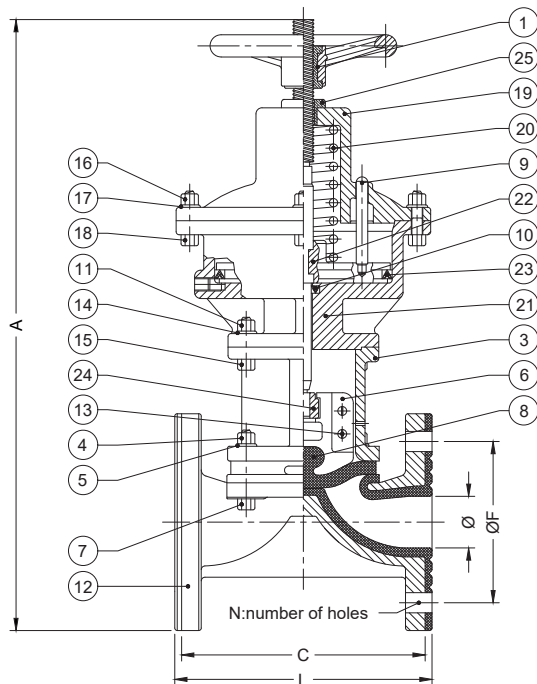


PRODUCT FEATURES:

- Sized from DN 20 through DN 200
- Pneumatic with emergency handwheel
- Weir type

PERFORMANCE FEATURES:

- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Lower risk of damage
- Single effect acting - fail to close (air to open)



NOMENCLATURE OF DETAILS

1	WHEEL AND BUSHING
2	RUBBER HOSE
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT
8	DIAPHRAGM
9	GUIDE PIN
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON, PIN AND LEAD SCREW
23	"V" GASKET
24	BRONZE NUT
25	WHEEL BUSHING

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C	F	L	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
20	380,5	108	65	/	4,5	15	4,5	4	7,8	8,0
25	382,5	117	75	/	4,5	15	4,5	4	8,5	8,5
30	387,5	127	85	/	4,5	15	4,5	4	12,4	12,5
40	525	162	110	172	4,5	15	4,5	4	14,0	14,5
50	552,5	190	125	196	4	15	4	3	19,5	20,5
60	592,5	217	145	227	4	15	4	3	26,0	27,0
80	700	255	160	265	4	15	4	3	34,0	35,0
100	820	307	180	317	3,5	15	3,5	2,5	54,5	55,5
125	925	355	210	365	3,5	13	3,5	2,5	76,0	77,0
150	1012,5	407	240	417	3	13	3	2	94,0	96,0
200	1300	520	295	530	2,5	13	2,5	1,5	185,0	187,0

MODEL GS54

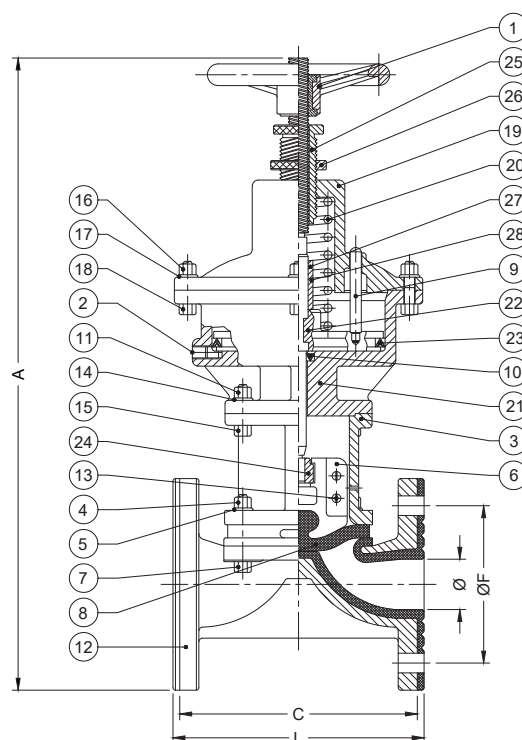
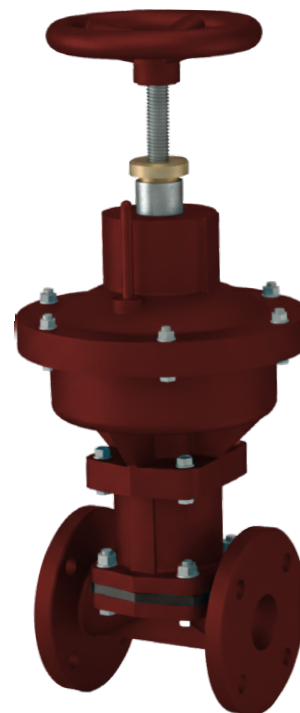
DIAPHRAGM VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 20 through DN 200
- Pneumatic with emergency handwheel

PERFORMANCE FEATURES:

- Weir type
- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Lower risk of damage
- Single effect acting - fail to close (air to open)

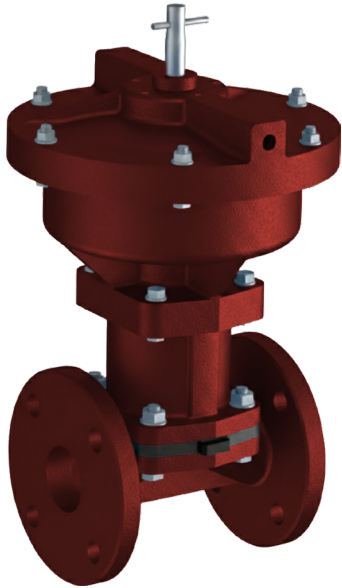


NOMENCLATURE OF DETAILS	
1	WHEEL AND BUSHING
2	RUBBER HOSE
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT
8	DIAPHRAGM
9	GUIDE PIN
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON, PIN AND LEAD SCREW
23	"V" GASKET
24	HEXAGON NUT
25	REGULATOR WHEEL
26	BUSHING
27	WHEEL
28	WITH

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C	F	L	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
20	412,5	128	75	/	4,5	15	4,5	4	8,4	8,5
25	417,5	128	85	133	4,5	15	4,5	4	8,7	8,8
30	480	145	100	155	4,5	15	4,5	4	12,7	12,8
40	525	162	110	172	4,5	15	4,5	4	14,3	14,8
50	602,5	186	125	196	4	15	4	3	20,0	21,0
60	682,5	217	145	227	4	15	4	3	26,6	27,6
80	720	255	160	265	4	15	4	3	34,8	35,8
100	890	307	180	317	3,5	15	3,5	2,5	55,5	56,5
125	1085	355	210	365	3,5	13	3,5	2,5	77,0	78,0
150	1132,5	407	240	417	3	13	3	2	95,3	97,3
200	1470	520	295	530	2,5	13	2,5	1,5	187,0	189,0

MODEL GS56

DIAPHRAGM VALVE (AUTOMATIC)

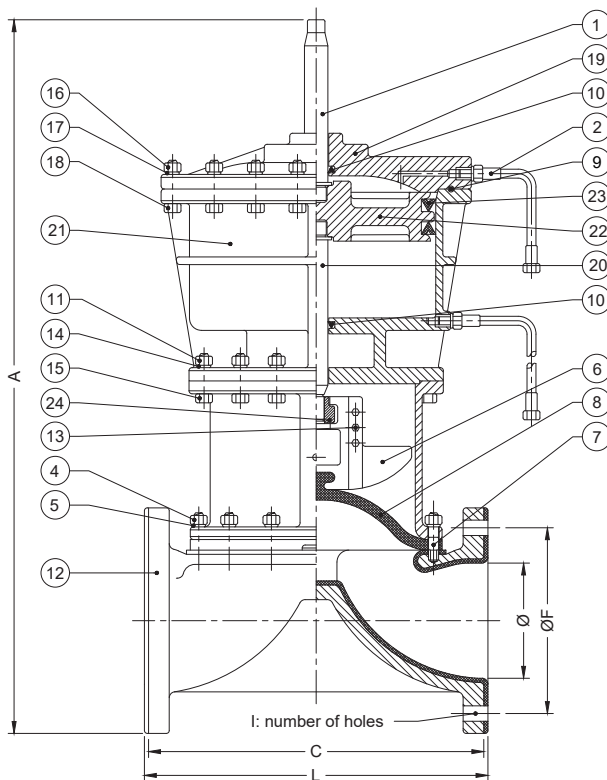


PRODUCT FEATURES:

- Sized from DN 100 through DN 250
- Pneumatic without emergency handwheel
- Weir type

PERFORMANCE FEATURES:

- Lower risk of damage
- Diaphragm supported during opening and closing: hence the possibility of under vacuum operation
- Quick and easy replacement of diaphragm
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Double effect acting – fail to open & fail to close



NOMENCLATURE OF DETAILS

1	GUIDE PIN
2	HEXAGON BOLT
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	STUB BOLT
8	DIAPHRAGM
9	GASKET
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	DRIVE PIN
21	CYLINDER
22	PISTON
23	GASKET
24	BRONZE NUT
25	SOCKET
26	UPPER COVER
27	LEAD SCREW
28	SOCKET
29	WHEEL

OVERALL DIMENSIONS					UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	C	F	L	PN	OPEN	CLOSE	WORKING PRESSURE	C/IRON	EBON.
100	650	307	180	317	4,5	15	4,5	3,5	55,0	57,0
125	790	355	210	365	4	13	4	3	80,0	82,0
150	852	407	240	417	4	13	4	3	110,0	112,0
200	1120	520	295	530	3	13	3	2	220,0	222,0
250	1372	635	350	645	4	13	3	2	270,0	276,0

MODEL GS33

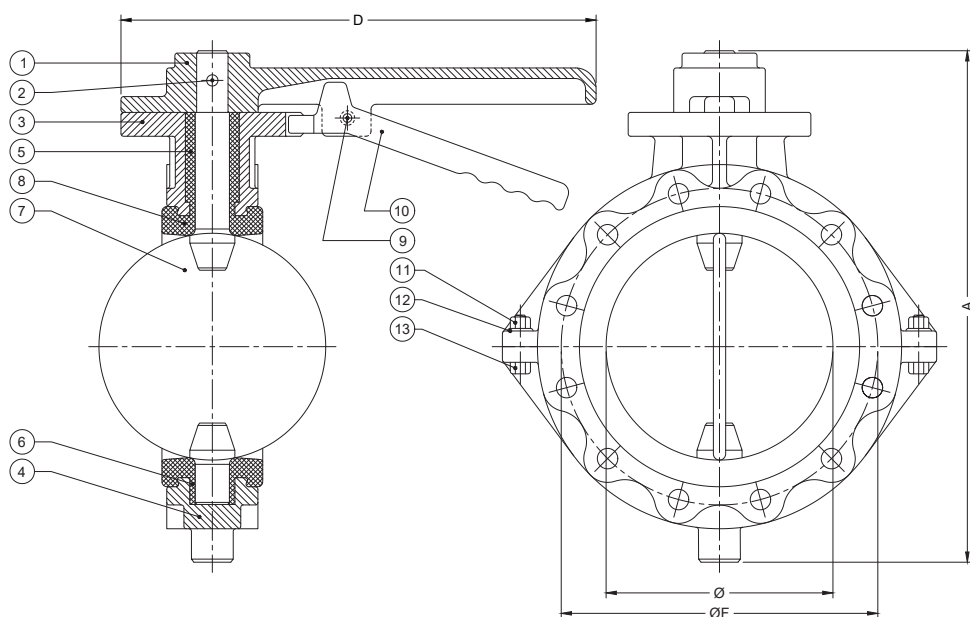
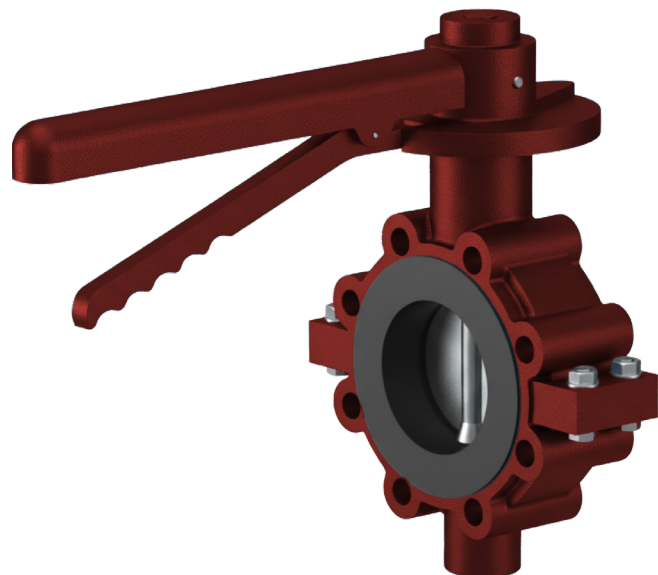
BUTTERFLY VALVE (MANUAL)

PRODUCT FEATURES:

- Sized from DN 100 through DN 300
- Manual lever operated

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



NOMENCLATURE OF DETAILS

1	CONTROL LEVER
2	SOCKET
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	PIN
10	LEVER
11	HEXAGON NUT
12	WASHER
13	HEXAGON BOLT

OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	375	450	180	4	10	4	3,5	10,0	30,0
150	450	470	240	4	10	4	3,5	15,0	36,0
200	505	500	295	4	10	4	3,5	22,0	52,0
250	565	500	350	3,5	10	3,5	3	27,0	60,0
300	615	500	400	3,5	10	3,5	3	34,0	72,0

MODEL GS33W

BUTTERFLY VALVE (MANUAL)

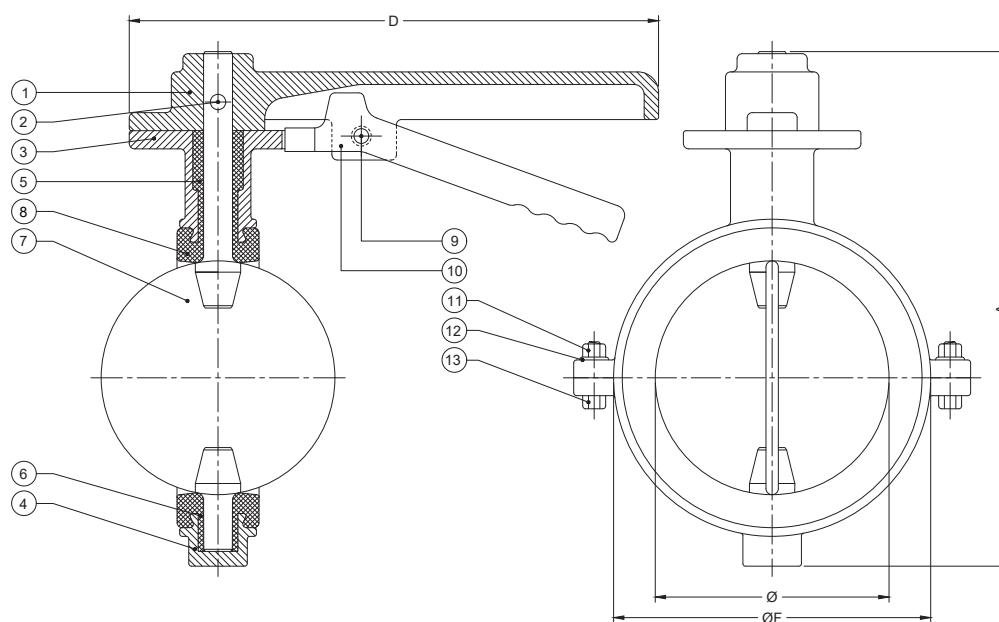


PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Manual lever operated
- Wafer type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	204	260	108	7	10	7	4	6,0	10,0
65	224	260	115	7	10	7	4	7,0	12,0
80	239	260	134	7	10	7	4	8,0	14,0
100	318	450	160	4	10	4	3,5	9,0	28,0
125	338	450	190	4	10	4	3,5	13,0	30,0
150	382	470	220	4	10	4	3,5	14,0	33,0
200	440	500	270	4	10	4	3,5	20,0	48,0

NOMENCLATURE OF DETAILS	
1	CONTROL LEVER
2	SOCKET
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	PIN
10	LEVER
11	HEXAGON NUT
12	WASHER
13	HEXAGON BOLT

MODEL GS33WL

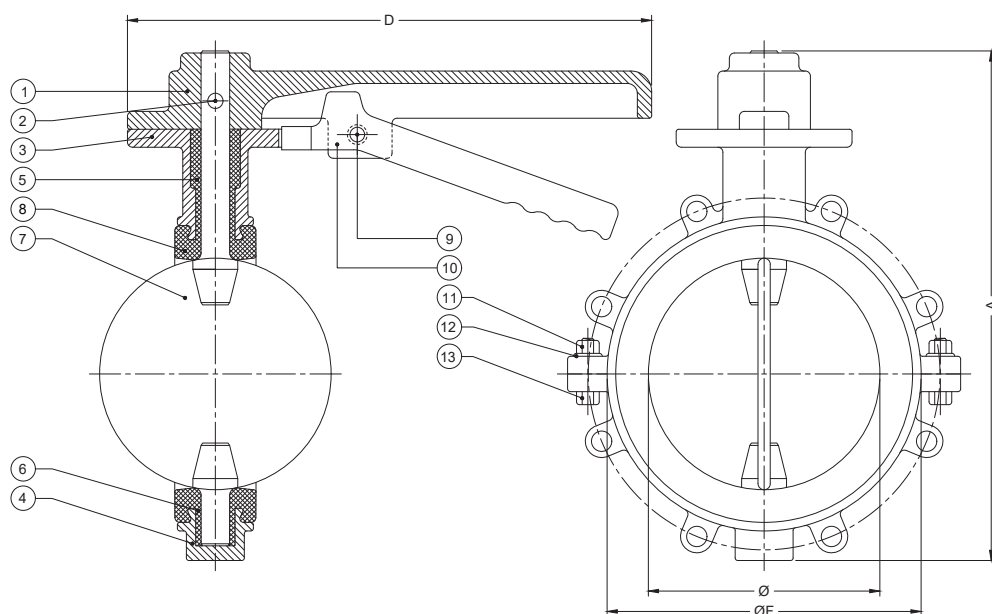
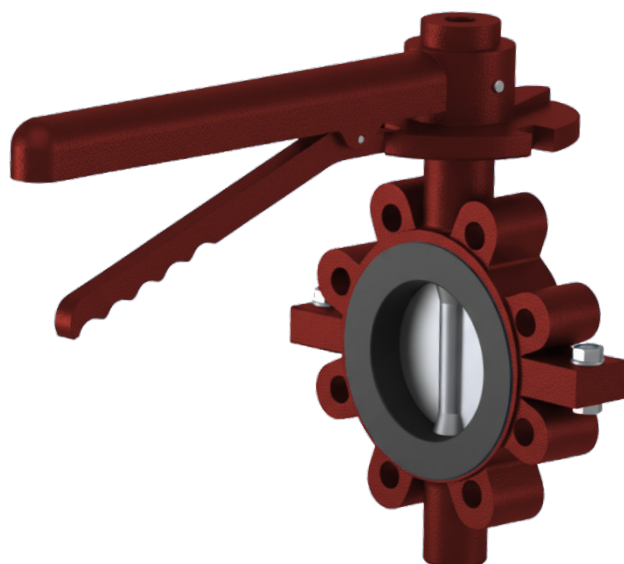
BUTTERFLY VALVE (MANUAL)

PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Manual lever operated
- LUG type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



NOMENCLATURE OF DETAILS

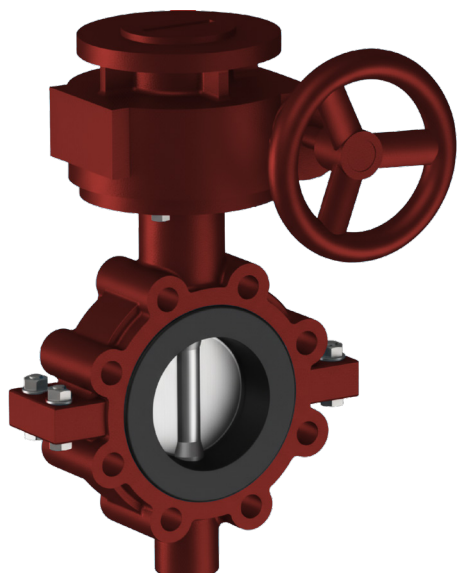
1	CONTROL LEVER
2	SOCKET
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	PIN
10	LEVER
11	HEXAGON NUT
12	WASHER
13	HEXAGON BOLT

OVERALL DIMENSIONS

OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	204	260	108	7	10	7	4	6,0	10,0
65	224	260	115	7	10	7	4	7,0	12,0
80	239	260	134	7	10	7	4	8,0	14,0
100	318	450	160	4	10	4	3,5	9,0	28,0
125	338	450	190	4	10	4	3,5	13,0	30,0
150	382	470	220	4	10	4	3,5	14,0	33,0
200	440	500	270	4	10	4	3,5	20,0	48,0

MODEL GS34

BUTTERFLY VALVE (MANUAL)

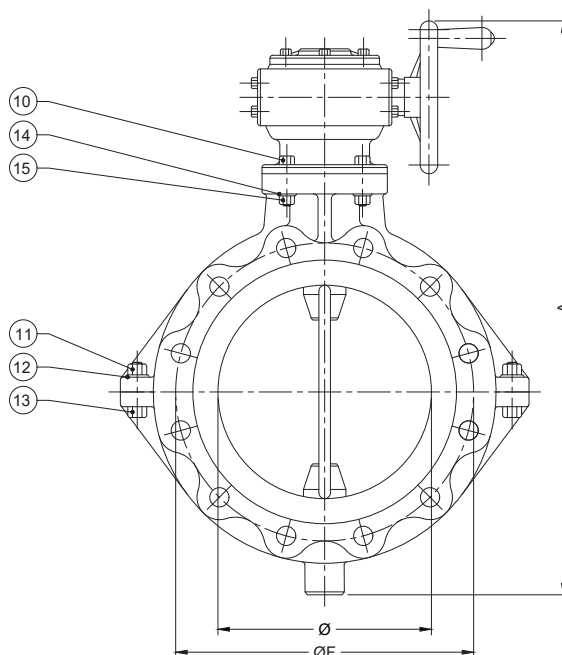
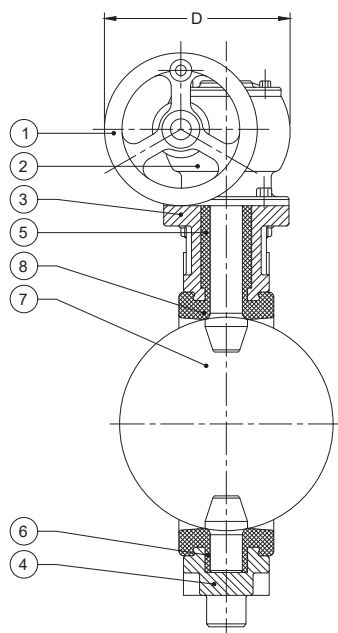


PRODUCT FEATURES:

- Sized from DN 100 through DN 300
- Manual handwheel operated

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



NOMENCLATURE OF DETAILS

1	CONTROL LEVER
2	RIDUCTOR
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON BOLT
10	HEXAGON BOLT
11	HEXAGON NUT
12	WASHER
13	HEXAGON BOLT
14	WASHER
15	HEXAGON NUT

OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	465	260	180	4	10	4	3,5	13,5	26,0
150	535	260	240	4	10	4	3,5	19,0	31,0
200	595	260	295	4	10	4	3,5	24,0	49,0
250	675	235	350	3,5	10	3,5	3	29,0	58,0
300	725	235	400	3,5	10	3,5	3	35,5	67,0

MODEL GS34W

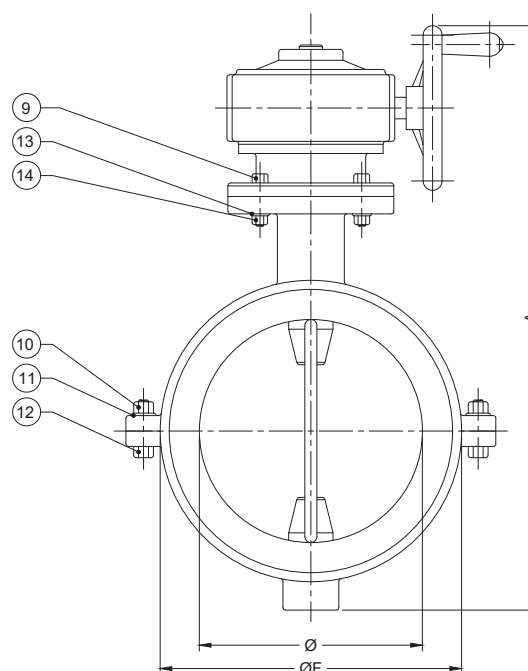
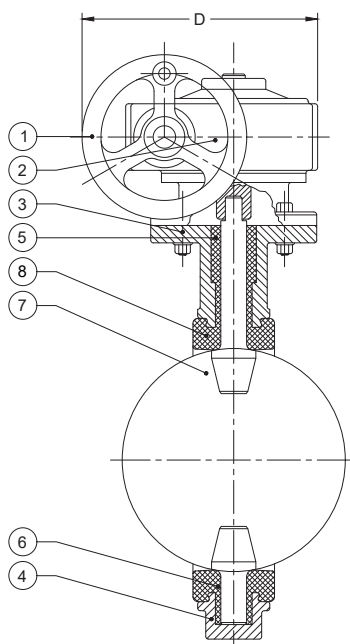
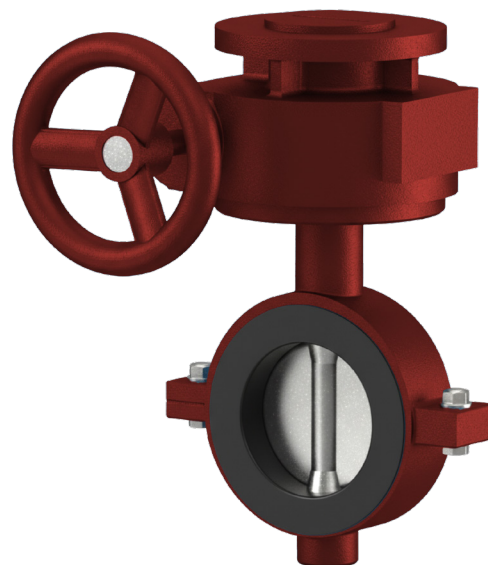
BUTTERFLY VALVE (MANUAL)

PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Manual handwheel operated
- Wafer type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



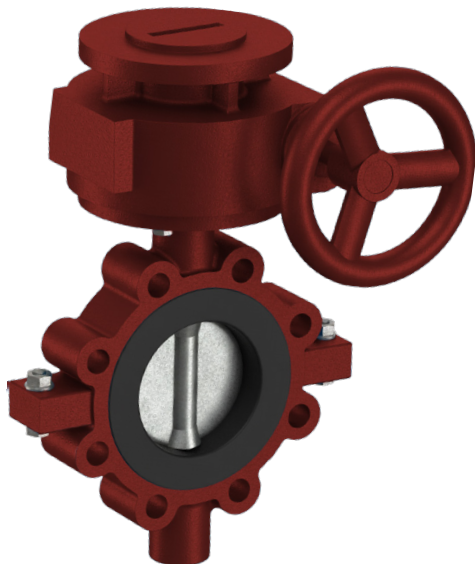
NOMENCLATURE OF DETAILS

1	CONTROL LEVER
2	RIDUCTOR
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON BOLT
10	HEXAGON NUT
11	WASHER
12	HEXAGON BOLT
13	WASHER
14	HEXAGON NUT

OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	300	150	108	7	10	7	6	6,0	10,0
65	320	150	115	7	10	7	6	7,0	12,0
80	335	150	134	7	10	7	6	8,0	14,0
100	410	260	160	4	10	4	3,5	11,0	22,0
125	430	260	190	4	10	4	3,5	13,0	24,0
150	470	260	220	4	10	4	3,5	16,0	29,0
200	530	260	270	4	10	4	3,5	21,0	42,0

MODEL GS34WL

BUTTERFLY VALVE (MANUAL)

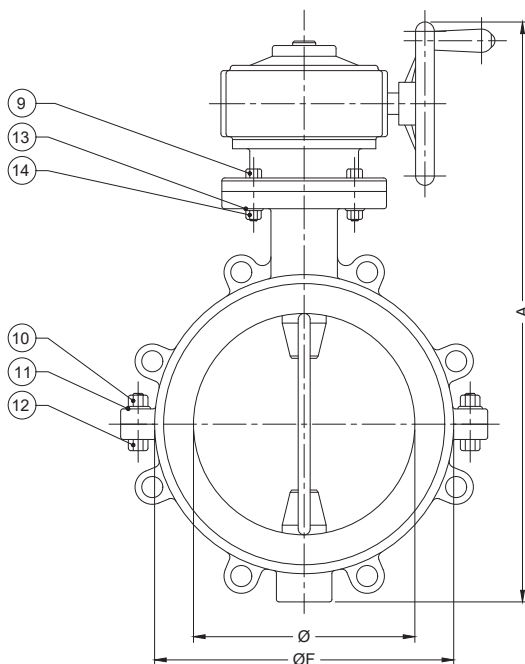
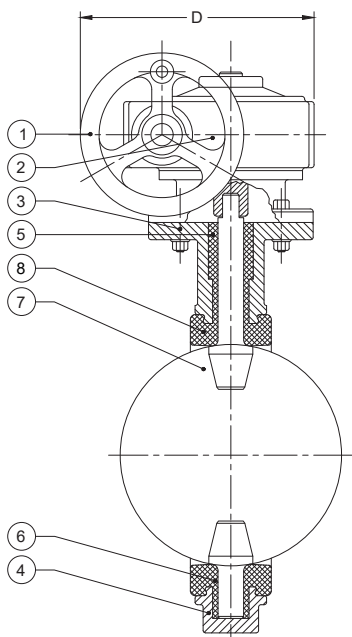


PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Manual handwheel operated
- LUG type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	300	150	108	7	10	7	6	6,0	10,0
65	320	150	115	7	10	7	6	7,0	12,0
80	335	150	134	7	10	7	6	8,0	14,0
100	410	260	160	4	10	4	3,5	11,0	22,0
125	430	260	190	4	10	4	3,5	13,0	24,0
150	470	260	220	4	10	4	3,5	16,0	29,0
200	530	260	270	4	10	4	3,5	21,0	42,0

NOMENCLATURE OF DETAILS	
1	CONTROL LEVER
2	RIDUCTOR
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON BOLT
10	HEXAGON NUT
11	WASHER
12	HEXAGON BOLT
13	WASHER
14	HEXAGON NUT

MODEL GS38

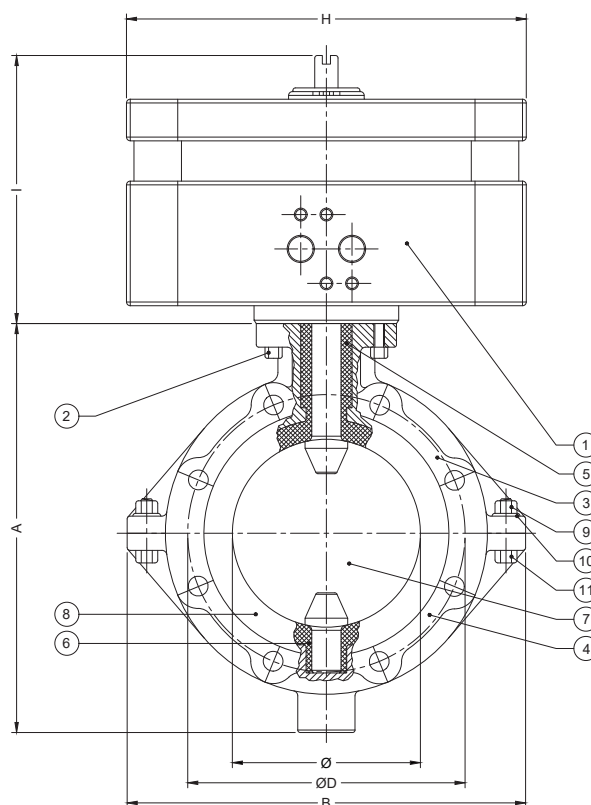
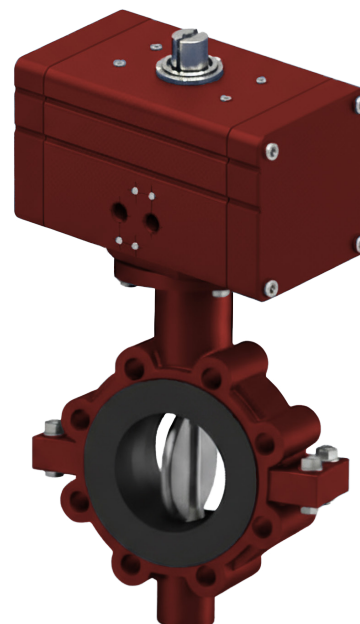
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 100 through DN 300
- Pneumatic without emergency handwheel

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Double effect acting – fail to open & fail to close

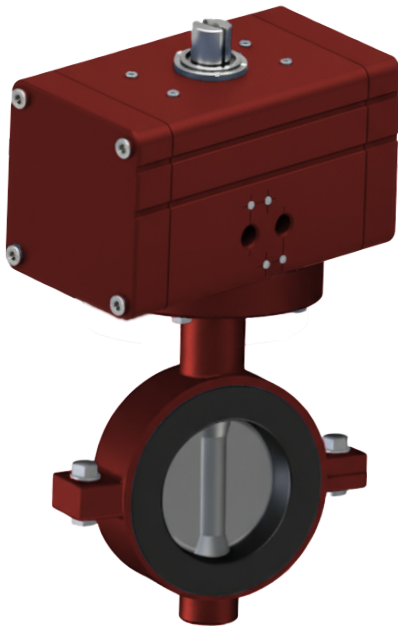


NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	H	I	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	315	290	180	254,5	181,0	7	10	7	6	23,0	33,0
150	386	366	240	342,6	212,5	7	10	7	6	28,0	43,0
200	435	420	295	342,6	212,5	6	10	6	5	33,0	48,0
250	495	484	350	508,6	312,5	6	10	6	5	41,0	58,0
300	580	566	400	508,6	312,5	6	10	6	5	63,0	78,0

MODEL GS38W

BUTTERFLY VALVE (AUTOMATIC)

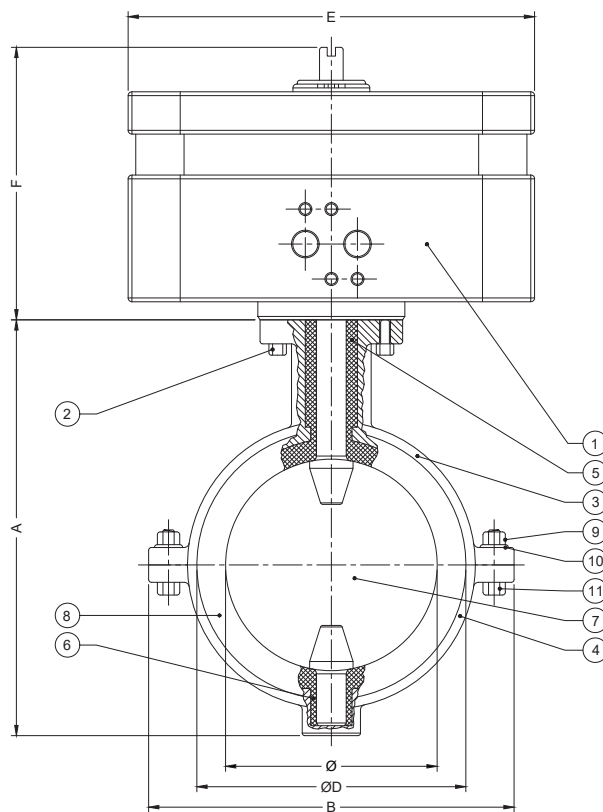


PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Pneumatic without emergency handwheel
- Wafer type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Double effect acting – fail to open & fail to close



OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	E	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	175	148	90	205,0	156,5	7	10	7	6	6,0	7,0
65	195	165	108	205,0	156,5	7	10	7	6	7,0	10,0
80	210	200	125	205,0	156,5	7	10	7	6	8,0	12,0
100	250	220	150	254,5	181,0	7	10	7	6	20,0	30,0
125	270	250	173	254,5	181,0	7	10	7	6	22,0	35,0
150	310	280	204	342,6	212,5	7	10	7	6	25,0	40,0
200	370	340	254	342,6	212,5	6	10	6	5	30,0	44,0

NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

MODEL GS38WL

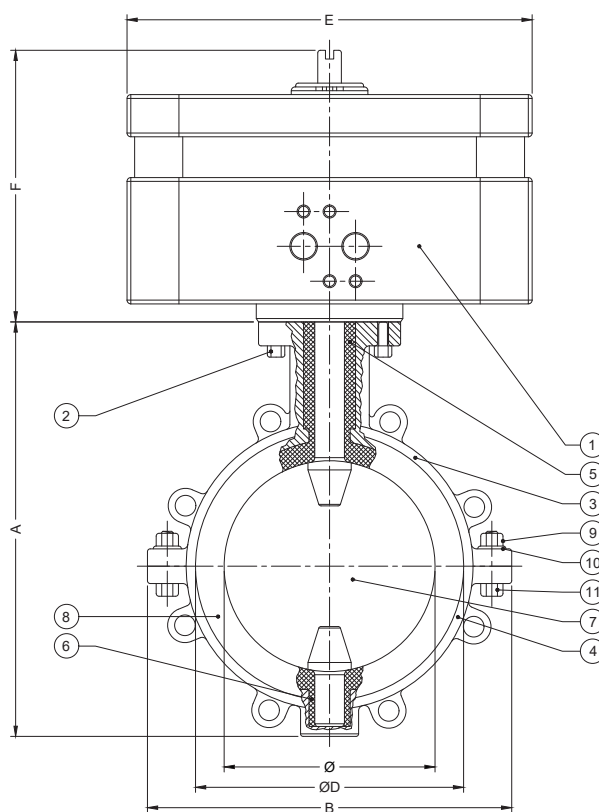
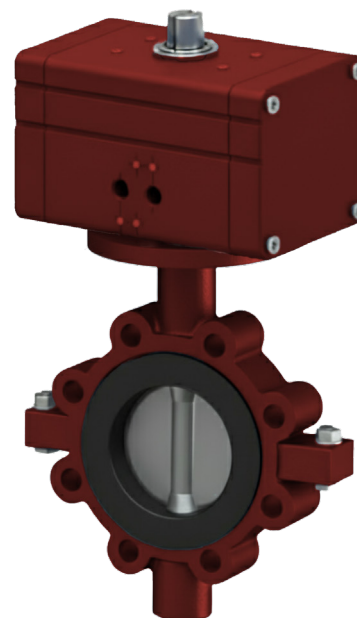
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Pneumatic without emergency handwheel
- LUG type

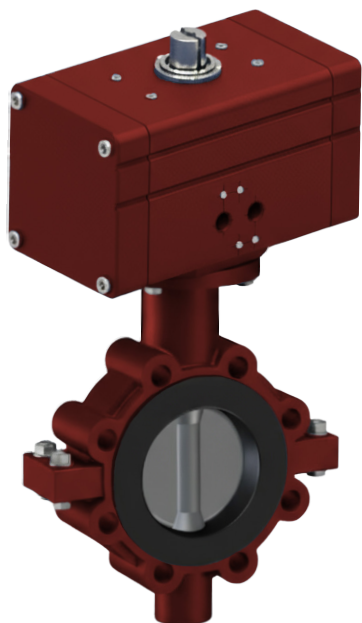
PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Double effect acting – fail to open & fail to close



NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	E	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/ IRON
50	175	148	90	205,0	156,5	7	10	7	6	7,0	8,0
65	195	165	108	205,0	156,5	7	10	7	6	8,0	11,0
80	210	200	125	205,0	156,5	7	10	7	6	9,0	13,0
100	250	220	150	254,5	181,0	7	10	7	6	22,0	32,0
125	270	250	183	254,5	181,0	7	10	7	6	24,0	37,0
150	310	280	204	342,6	212,5	7	10	7	6	28,0	43,0
200	370	340	254	342,6	212,5	6	10	6	5	33,0	47,0



MODEL GS40

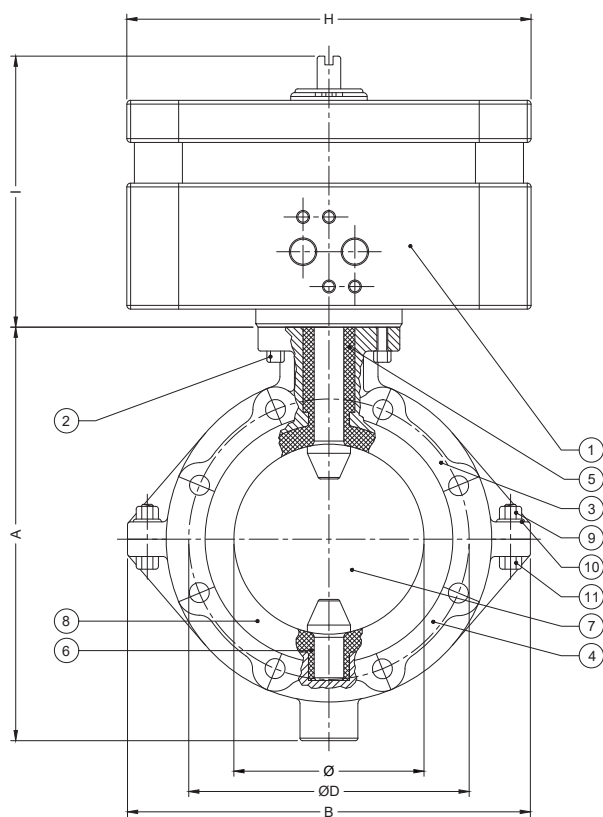
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 100 through DN 300
- Pneumatic without emergency handwheel

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Single effect acting - fail to close (air to open)



OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	H	I	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	315	290	180	254,5	181,0	7	10	7	6	28,0	38,0
150	386	366	240	342,6	212,5	7	10	7	6	33,0	48,0
200	435	420	295	342,6	212,5	6	10	6	5	40,0	55,0
250	495	484	350	508,6	312,5	6	10	6	5	48,0	65,0
300	580	566	400	508,6	312,5	6	10	6	5	68,0	83,0

NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

MODEL GS40W

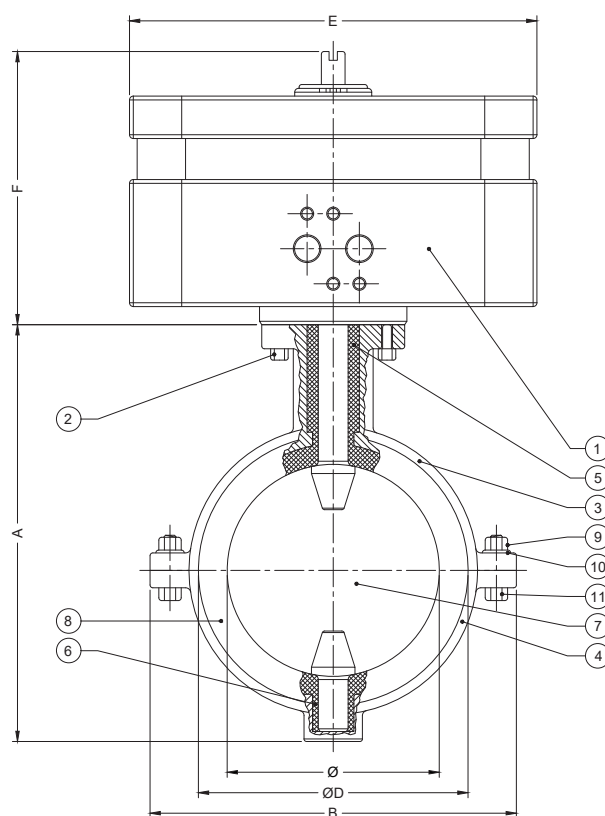
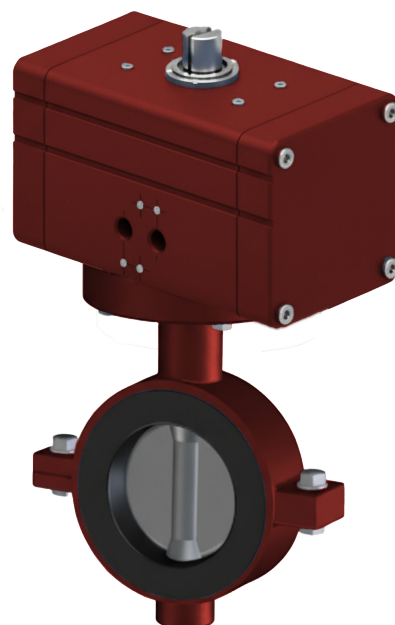
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Pneumatic without emergency handwheel
- Wafer type

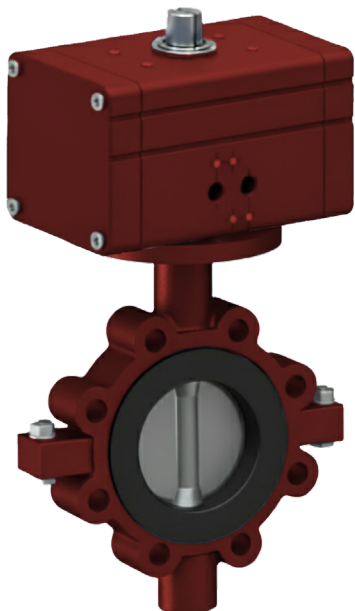
PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Single effect acting - fail to close (air to open)



NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	E	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	175	148	90	205,0	156,5	7	10	7	6	7,0	8,0
65	195	165	108	205,0	156,5	7	10	7	6	8,0	11,0
80	210	200	125	205,0	156,5	7	10	7	6	9,0	13,0
100	250	220	150	254,5	181,0	7	10	7	6	22,0	32,0
125	270	250	183	254,5	181,0	7	10	7	6	24,0	37,0
150	310	280	204	342,6	212,5	7	10	7	6	28,0	43,0
200	370	340	254	342,6	212,5	6	10	6	5	33,0	47,0



MODEL GS40WL

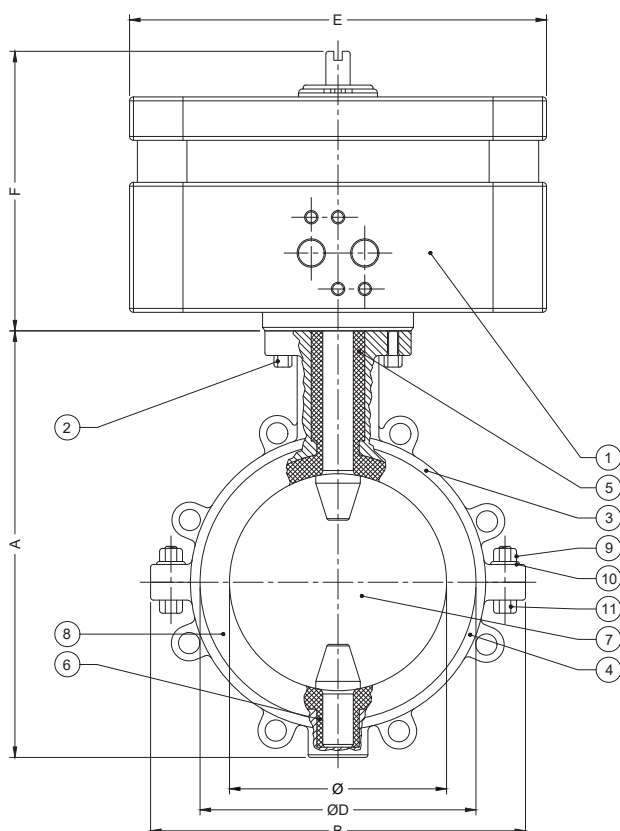
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Pneumatic without emergency handwheel
- LUG type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Single effect acting - fail to close (air to open)



OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	E	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	175	148	90	205,0	156,5	7	10	7	6	7,0	8,0
65	195	165	108	205,0	156,5	7	10	7	6	8,0	11,0
80	210	200	125	205,0	156,5	7	10	7	6	9,0	13,0
100	250	220	150	254,5	181,0	7	10	7	6	22,0	32,0
125	270	250	183	254,5	181,0	7	10	7	6	24,0	37,0
150	310	280	204	342,6	212,5	7	10	7	6	28,0	43,0
200	370	340	254	342,6	212,5	6	10	6	5	33,0	47,0

NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

MODEL GS40A

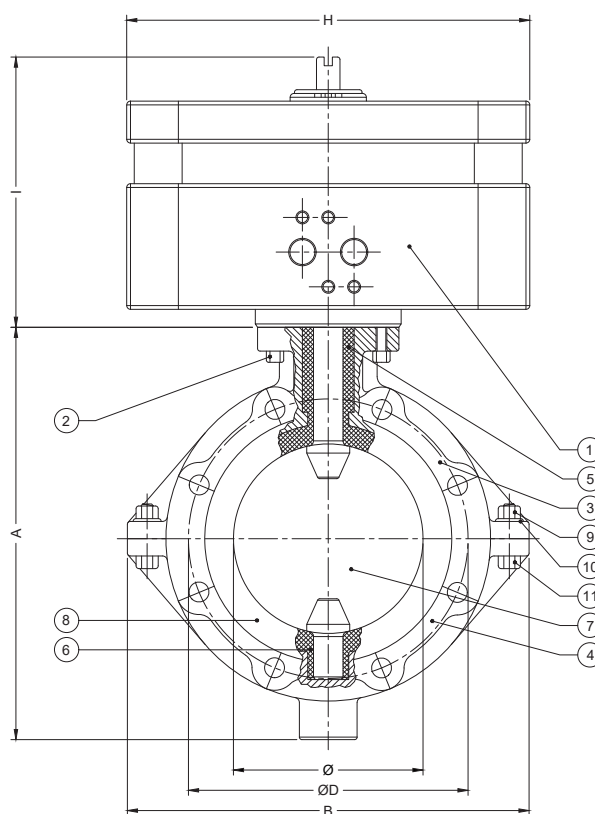
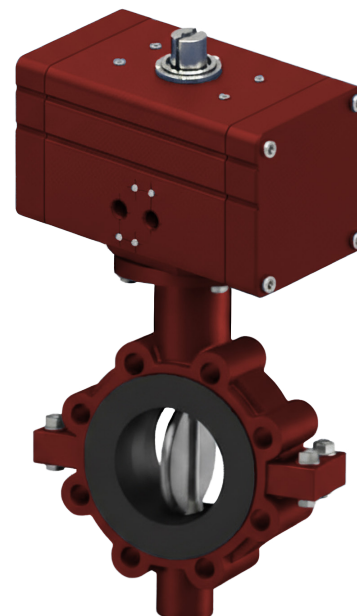
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 100 through DN 300
- Pneumatic without emergency handwheel

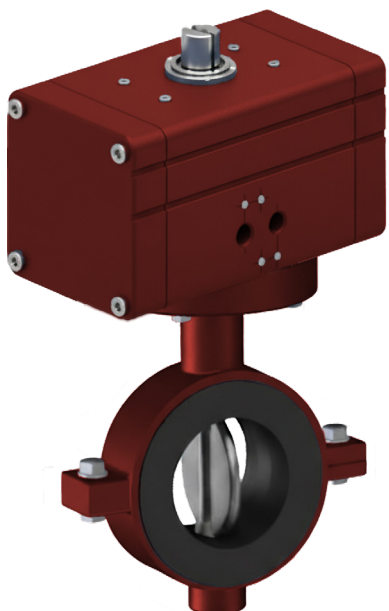
PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Single effect acting - fail to open (air to close)



NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	H	I	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
100	315	290	180	254,5	181,0	7	10	7	6	28,0	38,0
150	386	366	240	342,6	212,5	7	10	7	6	33,0	48,0
200	435	420	295	342,6	212,5	6	10	6	5	40,0	55,0
250	495	484	350	508,6	312,5	6	10	6	5	48,0	65,0
300	580	566	400	508,6	312,5	6	10	6	5	68,0	83,0



MODEL GS40AW

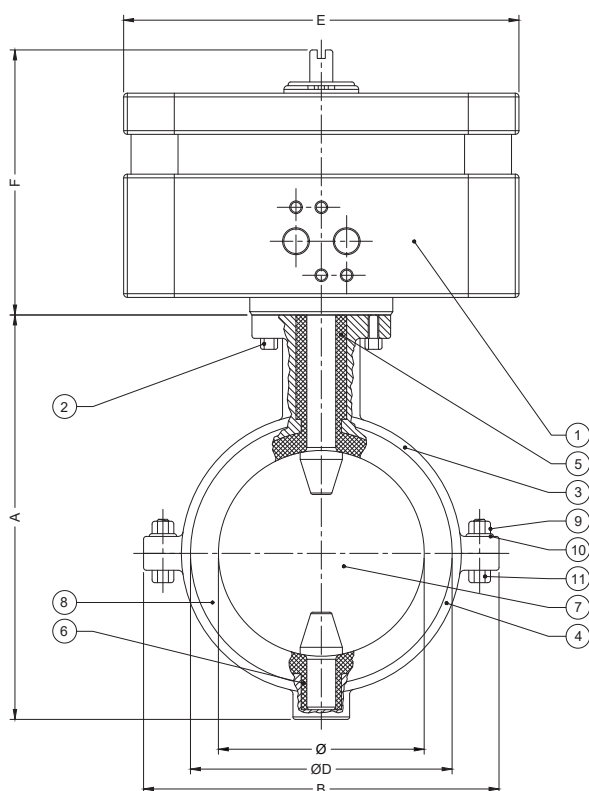
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

- Sized from DN 50 through DN 200
- Pneumatic without emergency handwheel
- Wafer type

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish
- Single effect acting - fail to open (air to close)



OVERALL DIMENSIONS						UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	B	D	E	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
50	175	148	90	205,0	156,5	7	10	7	6	7,0	8,0
65	195	165	108	205,0	156,5	7	10	7	6	8,0	11,0
80	210	200	125	205,0	156,5	7	10	7	6	9,0	13,0
100	250	220	150	254,5	181,0	7	10	7	6	22,0	32,0
125	270	250	183	254,5	181,0	7	10	7	6	24,0	37,0
150	310	280	204	342,6	212,5	7	10	7	6	28,0	43,0
200	370	340	254	342,6	212,5	6	10	6	5	33,0	47,0

NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

MODEL GS45

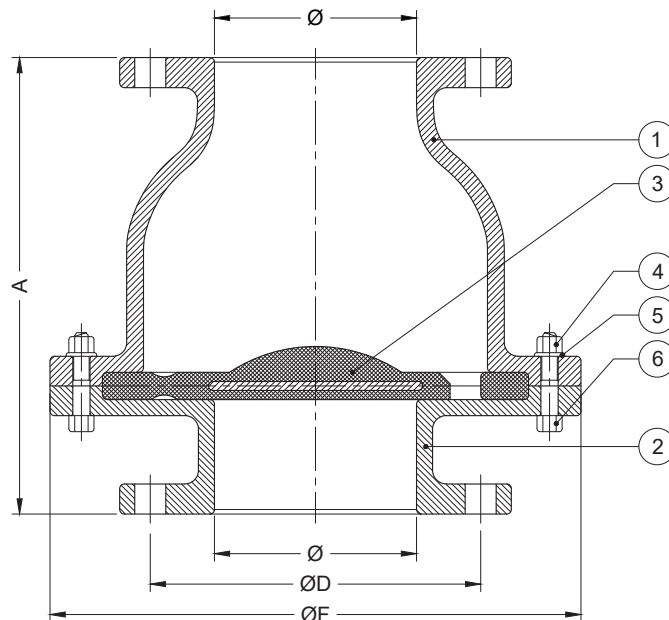
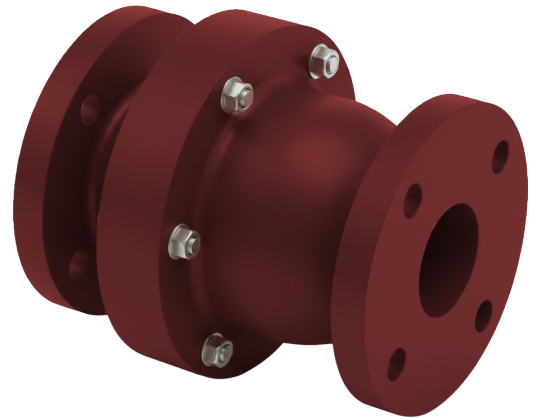
NON-RETURN CHECK VALVE

PRODUCT FEATURES:

- Sized from DN 20 through DN 250

PERFORMANCE FEATURES:

- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of clapet
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



NOMENCLATURE OF DETAILS	
1	VALVE UPPER BODY
2	VALVE LOWER BODY
3	DISCS
4	HEXAGON NUT
5	WASHER
6	HEXAGON BOLT

OVERALL DIMENSIONS						WEIGHT KG	
DN	A	D (UNI PN 10)	D (ANSI 150)	F	PN	LINED	UNLINED
20	150	75	70	140	7	7,0	8,0
25	150	85	80	140	7	7,5	8,5
30	170	100	90	160	7	8,0	9,0
40	195	110	98	175	7	9,0	11,0
50	210	125	120	190	7	11,0	14,0
65	230	145	140	210	7	15,0	17,0
80	245	160	152	260	7	18,0	22,0
100	245	180	190	300	7	28,0	25,0
125	305	210	216	340	7	34,0	30,0
150	337	240	241	385	7	50,0	46,0
200	410	295	298	450	7	78,0	71,0
250	560	350	362	520	7	146,0	140,0

SPARE PARTS

SLEEVES

PINCH VALVES SLEEVES			
MATERIAL	APPLICATION	TEMP. RANGE °C	HARDNESS IN SHORE-A
NATURAL RUBBER	MIDLY ACID RESISTANT ABRASION RESISTANT HIGHLY ABRASION RESISTANT	-30 TO 80	40 - 60
WHITE NATURAL RUBBER	FOOD & PHARMACEUTICALS	-10 TO 80	40 - 60
NEOPRENE RUBBER	DILUTED ACID RESISTANT WATER TREATMENT CAUSTIC SODA	-25 TO 95	40 - 60
BUTYL RUBBER	STEAM STERILISATION	-25 TO 115	40 - 60
NITRILE RUBBER	OILS & FATS	-10 TO 90	40 - 60
HYPALON RUBBER	ACID RESISTANT	-15 TO 110	40 - 60
EPDM RUBBER	RADIO ACTIVE MATERIALS	-30 TO 128	40 - 60
VITON RUBBER	AROMATIC CHLORINE HIGH TEMPERATURES	-10 TO 178	40 - 60
SILICONE RUBBER	HIGH TEMPERATURES	-100 TO 220	40 - 60



BUTTERFLY VALVES SLEEVES			
MATERIAL	APPLICATION	TEMP. RANGE °C	HARDNESS IN SHORE-A
NATURAL RUBBER	MIDLY ACID RESISTANT ABRASION RESISTANT	-30 TO 80	40 - 60
WHITE NATURAL RUBBER	FOOD & PHARMACEUTICALS	-10 TO 80	40 - 60
NEOPRENE RUBBER	DILUTED ACID RESISTANT WATER TREATMENT CAUSTIC SODA	-25 TO 95	40 - 60
BUTYL RUBBER	STEAM STERILISATION	-25 TO 115	40 - 60
NITRILE RUBBER	OILS & FATS	-10 TO 90	40 - 60
HYPALON RUBBER	ACID RESISTANT	-15 TO 110	40 - 60
EPDM RUBBER	RADIO ACTIVE MATERIALS	-30 TO 128	40 - 60
VITON RUBBER	AROMATIC CHLORINE HIGH TEMPERATURES	-10 TO 178	40 - 60
SILICONE RUBBER	HIGH TEMPERATURES	-100 TO 220	40 - 60



DIAPHRAGMS

DIAPHRAGMS			
MATERIAL	APPLICATION	TEMP. RANGE °C	HARDNESS IN SHORE-A
NATURAL RUBBER	MIDLY ACID RESISTANT ABRASION RESISTANT	-30 TO 80	40 - 60
WHITE NATURAL RUBBER	FOOD & PHARMACEUTICALS	-10 TO 80	40 - 60
NEOPRENE RUBBER	DILUTED ACID RESISTANT WATER TREATMENT CAUSTIC SODA	-25 TO 95	40 - 60
BUTYL RUBBER	STEAM STERILISATION	-25 TO 115	40 - 60
NITRILE RUBBER	OILS & FATS	-10 TO 90	40 - 60
HYPALON RUBBER	ACID RESISTANT	-15 TO 110	40 - 60
EPDM RUBBER	RADIO ACTIVE MATERIALS	-30 TO 128	40 - 60
VITON RUBBER	AROMATIC CHLORINE HIGH TEMPERATURES	-10 TO 178	40 - 60
PTFE FACED RUBBER	ALL CHEMICALS & FOOD	-30 TO 170	40 - 60
SILICONE RUBBER	HIGH TEMPERATURES	-100 TO 220	40 - 60



DISCS

DISCS MATERIALS:

- Hard rubber lined A216 WCB carbon steel
- PFA lined
- Rilsan lined
- HALAR/ECTFE lined SS 304 or SS 316 or marine SS 316
- SS 304; SS 316; SS 316 L
- Ductile iron
- Hastelloy C
- Aluminium bronze
- Duplex



SPRINGS

SPRINGS MATERIALS:

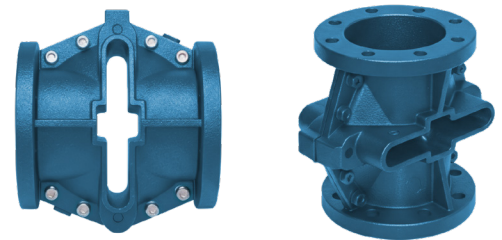
- AISI 316: Made from a type of high-alloy austenitic stainless steel, which makes them a benchmark material for resilience.
- On demand: Does not refer to a specific material but rather to a production and supply method for springs



BODIES

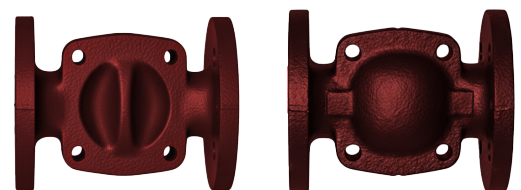
PINCH BODY VALVE MATERIALS:

- Cast iron GG25/Cast iron A126
- Spheroidal cast iron GGG40/Ductil iron ASTM A 395
- Pure aluminium



DIAPHRAGM BODY VALVE MATERIALS:

- Cast iron GG20 or GG25 (UNI ISO 185/UNI 5007) as per ASTM A126
- Ductil or spheroidal cast iron GS400/12 (UNI ISO 1083/UNI 4544) as per ASTM A536
- Cast steel WCB (A216M-93) as per ASTM A216 WCB
- Carbon steel LCB as per ASTM a352
- SS 316 (A743M-98) as per CF8M
- Pure aluminium



BUTTERFLY BODY VALVE MATERIALS:

- Spheroidal cast iron GS400
- Aluminium
- Carbon steel A216 WCB
- SS 304; SS 316; SS 316 L



PNEUMATIC ACTUATORS

FOR PINCH VALVES:

Piston type air operators line offer a great solution to a wide range of actuation situations. They are exclusively designed to G&O series pinch valves and can be mounted in any position.

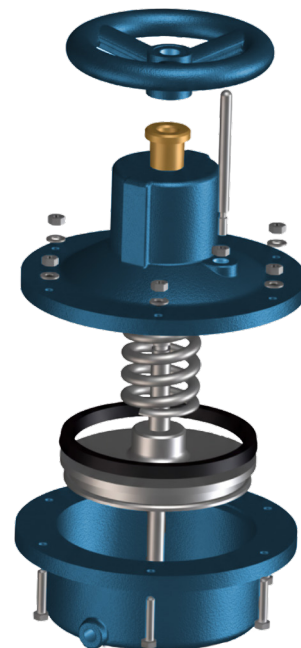
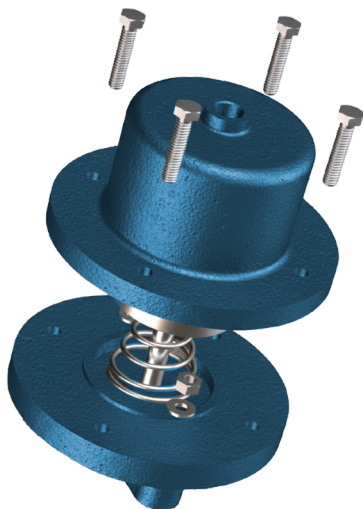
These actuators are built in aluminium and are available in three options:

- single effect acting - fail to close (air to open)
- single effect acting - fail to open (air to close)
- double effect acting - fail to open & fail to close

Single effect acting actuators are fitted by an extractable handwheel for security.

OPTIONS:

- Limit switches
- Solenoid valve
- Position indicator
- 4:20 mA electropneumatic positioner



FOR DIAPHRAGMS VALVES:

Piston type air operators line offer a great solution to a wide range of actuation situations. They are exclusively designed to G&O series diaphragm valves and can be mounted in any position.

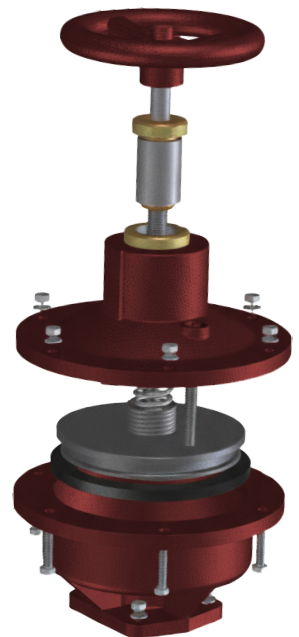
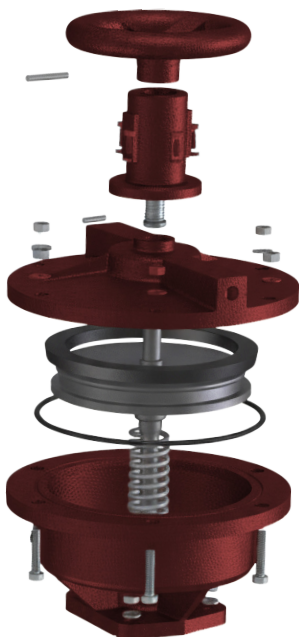
These actuators are built in aluminium and are available in three options:

- single effect acting - fail to close (air to open)
- single effect acting - fail to open (air to close)
- double effect acting - fail to open & fail to close

Single effect acting actuators are fitted by an extractable handwheel for security.

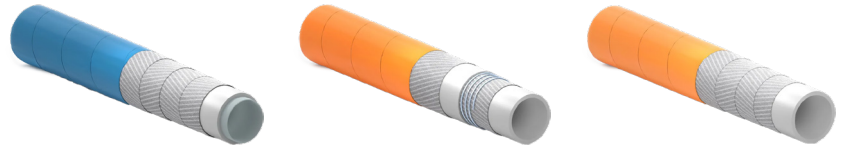
OPTIONS:

- Limit switches
- Solenoid valve
- Position indicator
- Air filter regulator
- 3:15 PSI positioner
- 4:20mA electropneumatic positoner or 4:20mA electronic transmitter of position 30°-90° angle
- Triphase AC motor



OTHER PRODUCTS & SERVICES

RUBBER HOSES



Delivery hose for potable water

KEY FEATURES

- For drinking water
- Food grade plastomer
- Safe and durable

APPLICATION

- Softwall hose for the delivery of potable water. The construction of the hose, with its food quality rubber compounds, odourless and tasteless, allows the organoleptic characteristics of water to remain unaltered. Designed to work in all the food industry fields and hereever it is necessary to convey potable water

TEMPERATURE

- From -30°C (-22°F) to +60°C (+140°F)

AVAILABLE OPTIONS ON REQUEST

- Different diameters
- Acquablu LL, hardwall version for suction and delivery

PAINTING

Galassi & Ortolani has an in-house painting department, which allows us to carry out standard painting or custom painting upon customer request.

We also collaborate with certified painting companies for special applications, such as the C5M seawater corrosion protection cycle.

FULL BORE DIAPHRAGM VALVES

G&O Diaphragm valve do not incorporate any stuffing box and are leaktight on all liquids, slurries, granular materials, powders, pastes, gases, acids etc..

Diaphragm (internal membrane) is supported during opening and closing, and is easily replaceable without any special tools. The wide range of available elastomer materials enable an appropriate selection for each application and is a guarantee of perfect resistance to corrosion and abrasion. Sanitary type valves are recommended for ultimate sterility in pharmaceuticals and biotechnology industries.

PRODUCT FEATURES:

- Full bore type, straight through way
- Sanitary type
- Flanged valves sized from 1/2" through 14"
- Sanitary type (butt weld, screwed, tri-clamp, socket) sized from 1/2" through 4"
- Manual, pneumatic and electric operators

PERFORMANCE FEATURES:

- Long diaphragm life
- Low pressure loss
- Quick and easy replacement of diaphragm
- Epoxy painted, valve bodies protected with an anti-acid varnish

BODY VALVE MATERIALS:

- Cast iron GG20 or GG25
- Ductile or spheroidal cast iron GS400/12
- Carbon steel WCB or LCB
- Stainless steel AISI316

BODY VALVE LINING MATERIALS:

- Soft rubber
- Hard rubber (ebonite)



- Threaded fittings
- Solvent weld fittings
- Weld fittings
- Valves
- Flanges
- Pipes
- Actuated valves

MATERIAL:

- PVC, CPVC, PE, PVDF, PP, ABS

VALVES

- Ball valves
- Butterfly valves
- Diaphragm valves
- Check valves
- Control valves
- Auxiliary valves



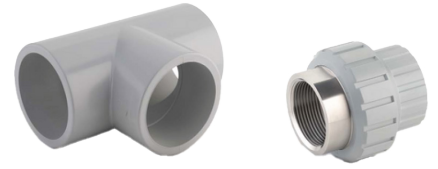
ACTUATED VALVES

from standard actuators up to those compliant with ATEX regulations, IP/NEMA watertight/weatherproof ratings, and integrated systems managed by GPS signals



FITTINGS

- Solvent cement fittings
- Butt weld fittings
- Socket weld fittings
- Compression fittings
- BS standard fittings
- Threaded fittings



FLANGES | UNI-ANSI

PVC - PVDF - PP+STEEL
PP+FRP - ALLUMINIUM



PIPES

- Plain end
- Bell end
- Threaded end
- Solvent weld end
- Weld end



VENTILATION

PVC - CPVC - PP - PPS - PPS EL - PE - PVDF



LABORATORY FITTINGS AND VALVES

PP - NATURAL PP - PVDF - PFA - PTFE



UPON REQUEST, WE ALSO SUPPLY BALL, GLOBE, AND GATE VALVES.



GALASSI&ORTOLANI
QUALITY VALVES SINCE 1937

GALASSI & ORTOLANI SRL
VIA GHIRLANDAIO, 2/4
20096 PIOTELLO (MILANO AREA) - ITALY
TEL. +39 02 92103459
EMAIL: INFO@GALASSIORTOLANI.COM
P.IVA / VAT N. IT00732780150