

CHEMICAL



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 **Oil & Gas, Water Treatment, and Ceramics**. 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.



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
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.

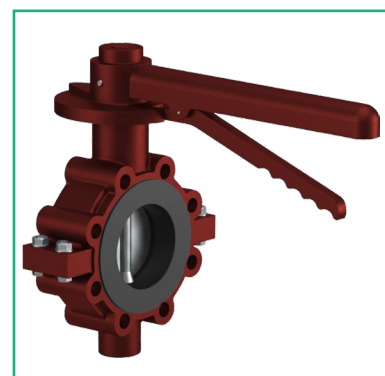
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1/1

DIAPHRAGM



BUTTERFLY



VALVES FEATURES

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..

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.

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
- Ductile 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)

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..

Seat and disc are easily replaceable without any special tools. The wide range of available elastomer materials enables an appropriate selection for each application and is a guarantee of perfect resistance to corrosion and abrasion.

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 than 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
- Aluminium
- A216 WCB carbon steel
- SS 304; SS 316; SS 316 L

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

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DIAPHRAGM VALVE

MOD. GS51



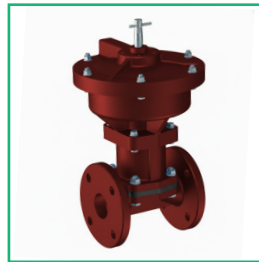
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MOD. GS51 DIN



PAG.2

MOD. GS52



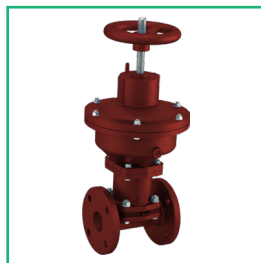
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MOD. GS52A



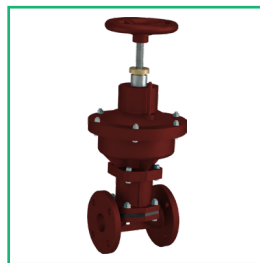
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MOD. GS53



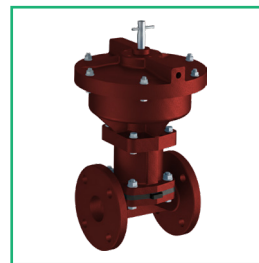
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MOD. GS54



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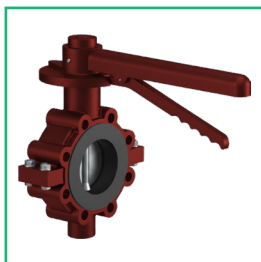
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BUTTERFLY VALVE

MOD. GS33



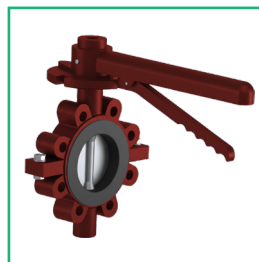
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MOD. GS33W



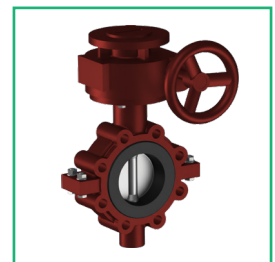
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MOD. GS33WL



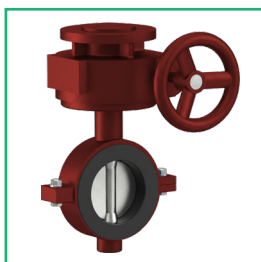
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MOD. GS34



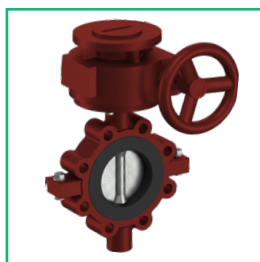
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MOD. GS34W



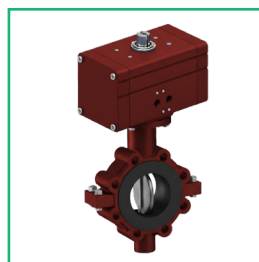
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MOD. GS34WL



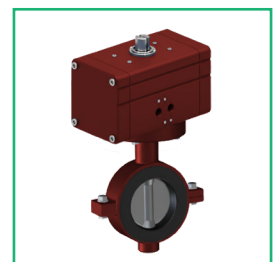
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MOD. GS38



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MOD. GS38W

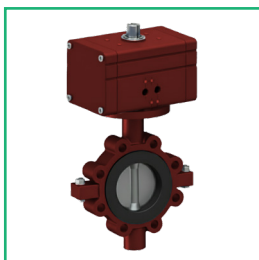


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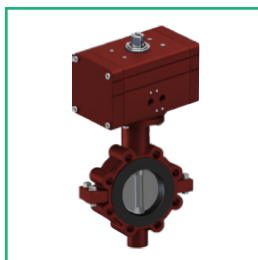
BUTTERFLY VALVE

MOD. GS38WL



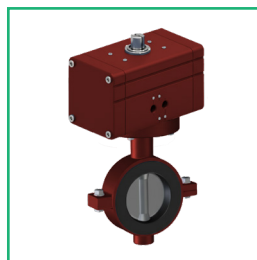
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MOD. GS40



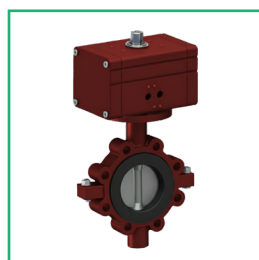
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MOD. GS40W



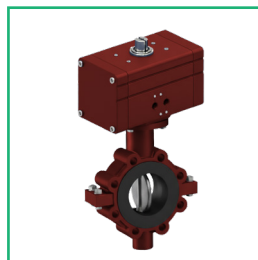
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MOD. GS40WL



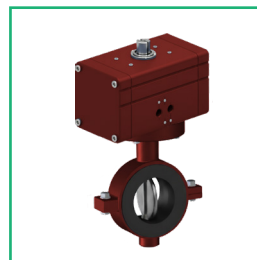
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MOD. GS40AW



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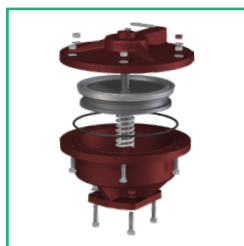
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RUBBER HOSES



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PINCH VALVES



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MODEL GS51

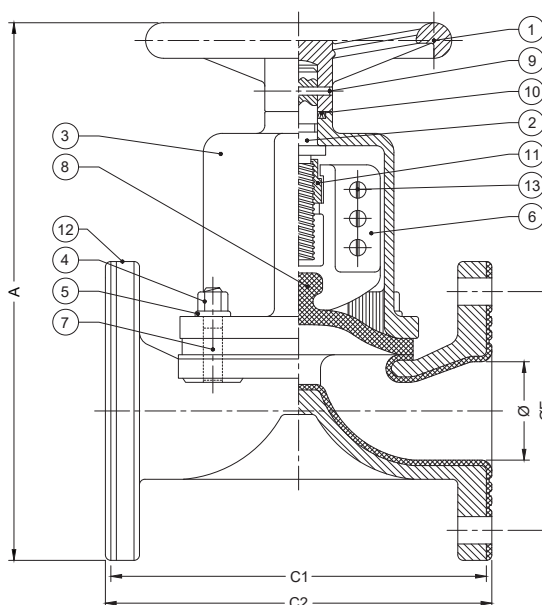
DIAPHRAGM VALVE (MANUAL)

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



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

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

MODEL GS51 DIN

DIAPHRAGM VALVE (MANUAL)

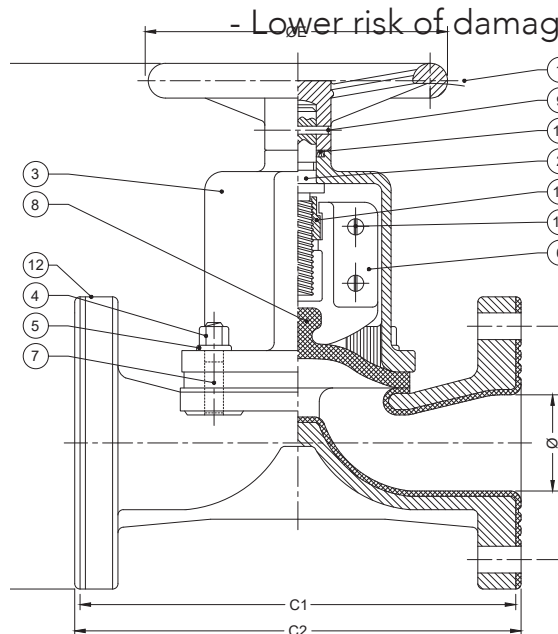


PRODUCT FEATURES:

- 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



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

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

MODEL GS52

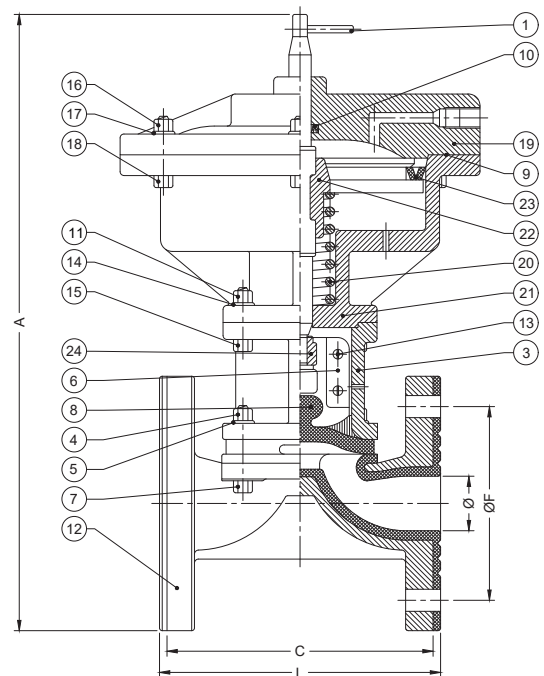
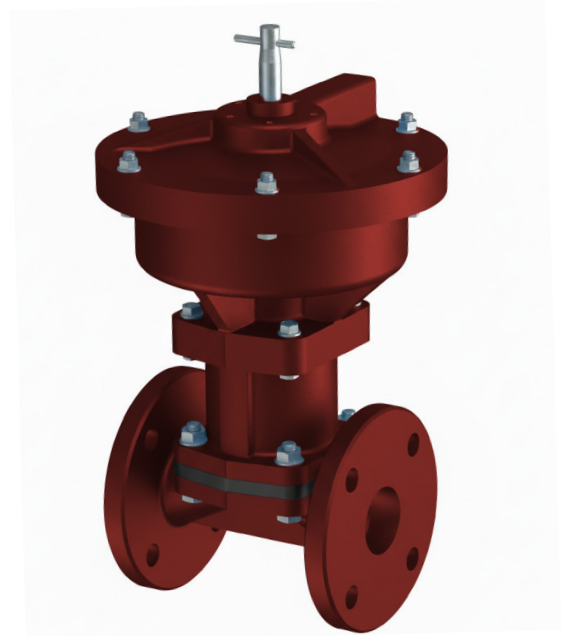
DIAPHRAGM VALVE (AUTOMATIC)

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)

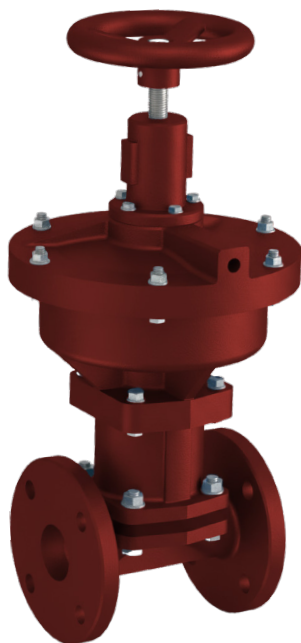


NOMENCLATURE OF DETAILS	
1	SOCKET
2	RUBBER HOSE
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT, STUD BOLT
8	DIAPHRAGM
9	GASKET
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON, DRIVE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

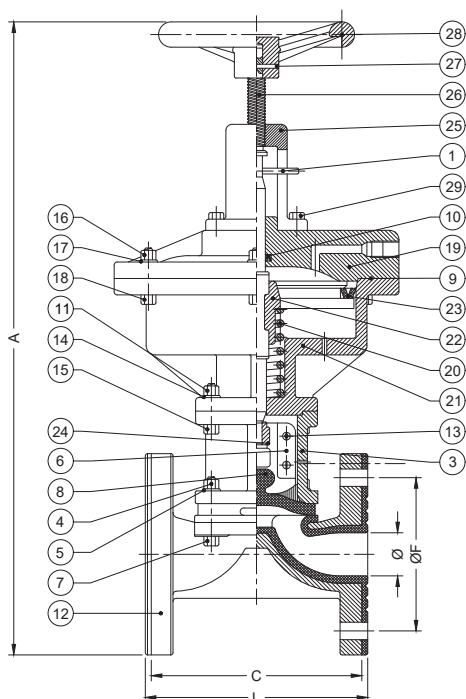


PRODUCT FEATURES:

- 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

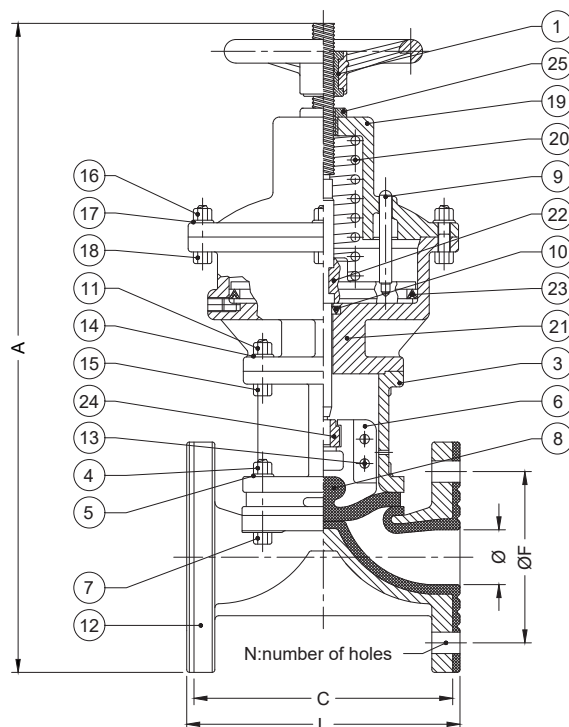
DIAPHRAGM VALVE (AUTOMATIC)

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)

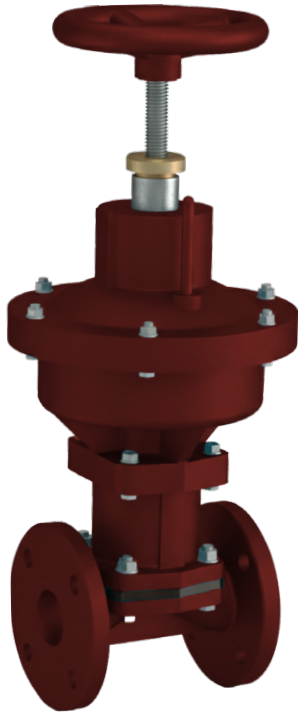


NOMENCLATURE OF DETAILS	
1	WHEEL AND BUSHING
2	RUBBER HOSE
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	HEXAGON BOLT
8	DIAPHRAGM
9	GUIDE PIN
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	SPRINGS
21	CYLINDER
22	PISTON,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

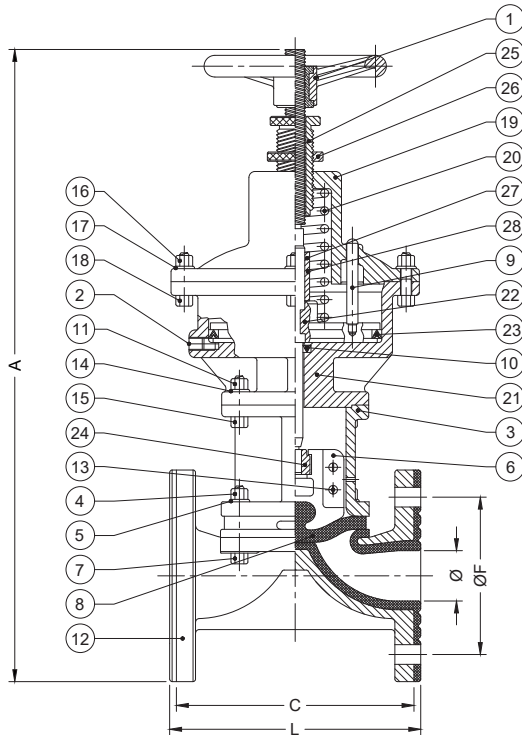


PRODUCT FEATURES:

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

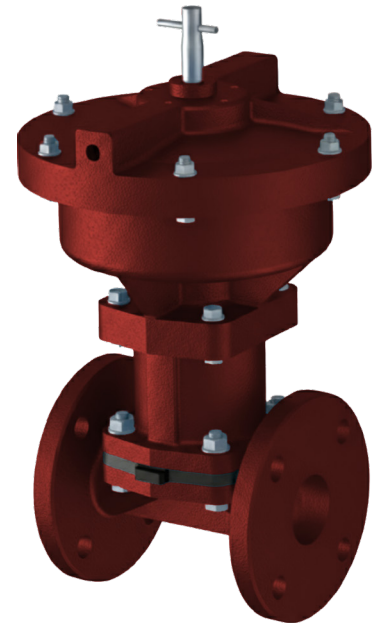
DIAPHRAGM VALVE (AUTOMATIC)

PRODUCT FEATURES:

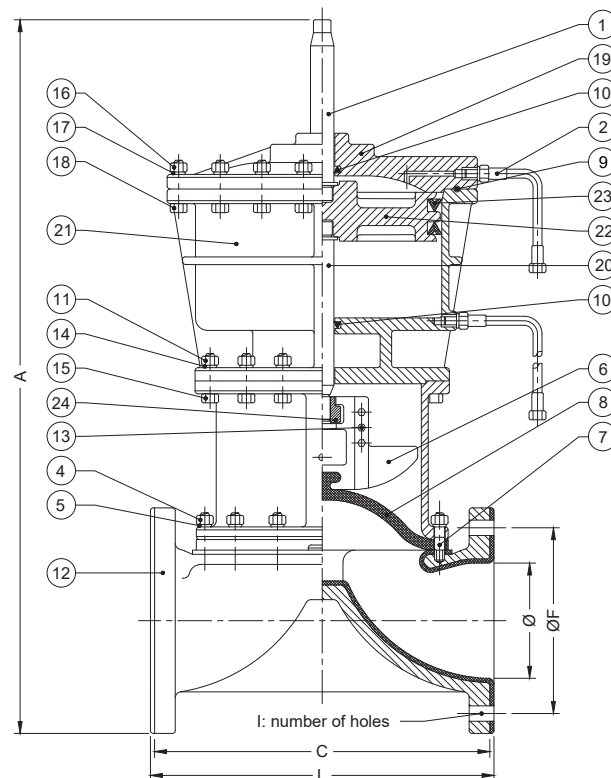
- Sized from DN 100 through DN 250
- Pneumatic without emergency handwheel
- Weir type

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



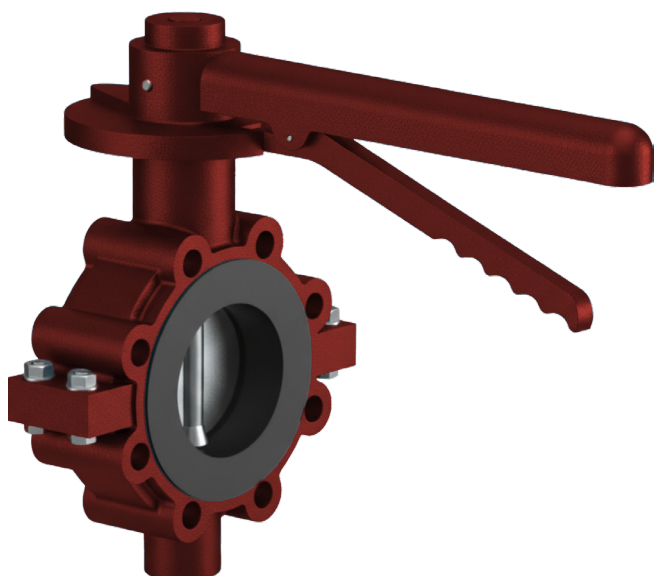
NOMENCLATURE OF DETAILS	
1	GUIDE PIN
2	HEXAGON BOLT
3	SUPPORT
4	HEXAGON NUT
5	WASHER
6	PLUG
7	STUB BOLT
8	DIAPHRAGM
9	GASKET
10	"V" GASKET
11	HEXAGON NUT
12	VALVE BODY
13	CLAMPING
14	WASHER
15	HEXAGON BOLT
16	HEXAGON NUT
17	WASHER
18	HEXAGON BOLT
19	COVER
20	DRIVE PIN
21	CYLINDER
22	PISTON
23	GASKET
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)

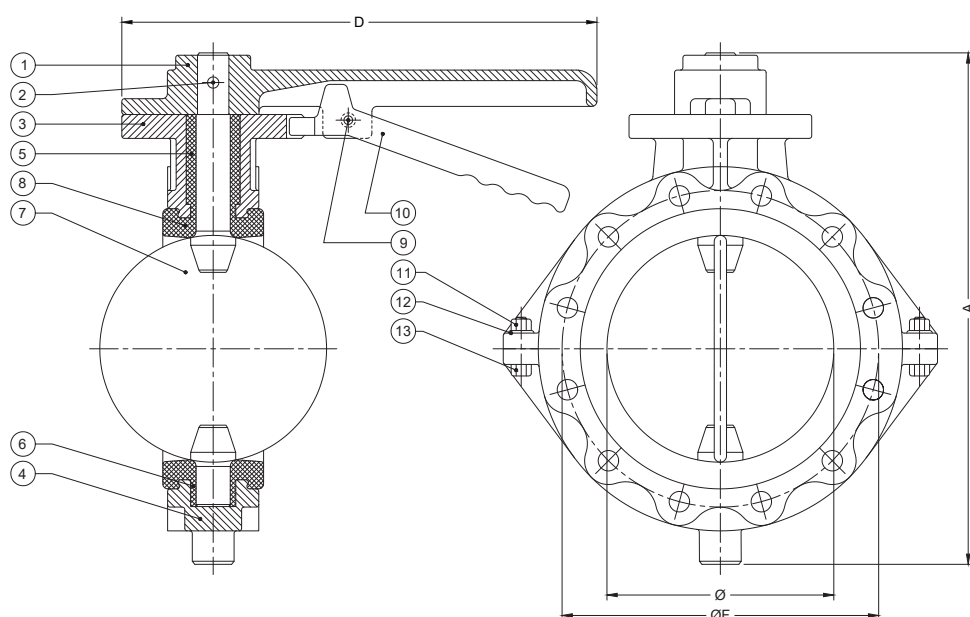


PRODUCT FEATURES:

- 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

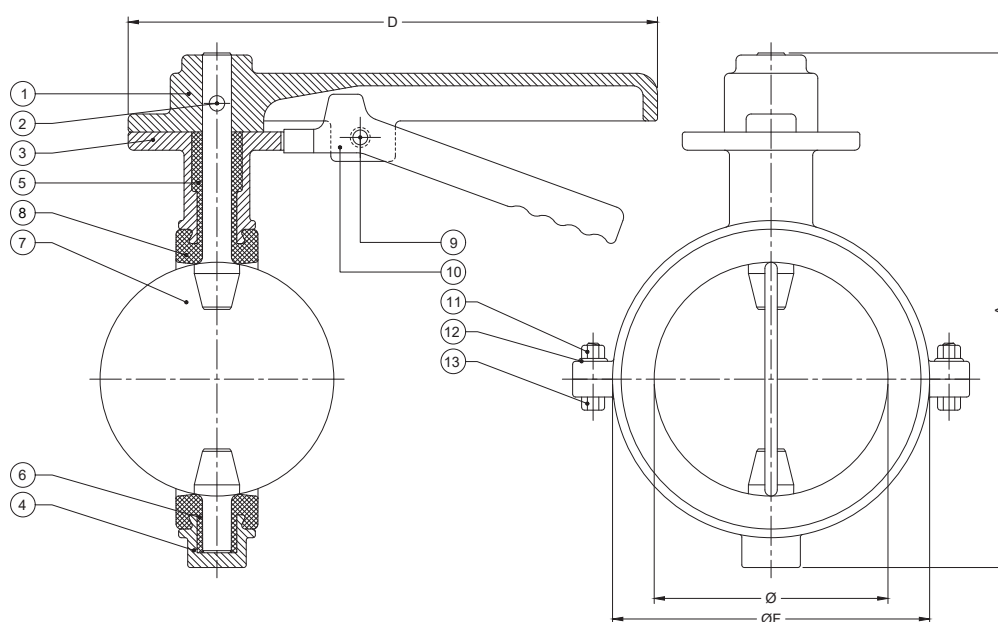
BUTTERFLY VALVE (MANUAL)

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

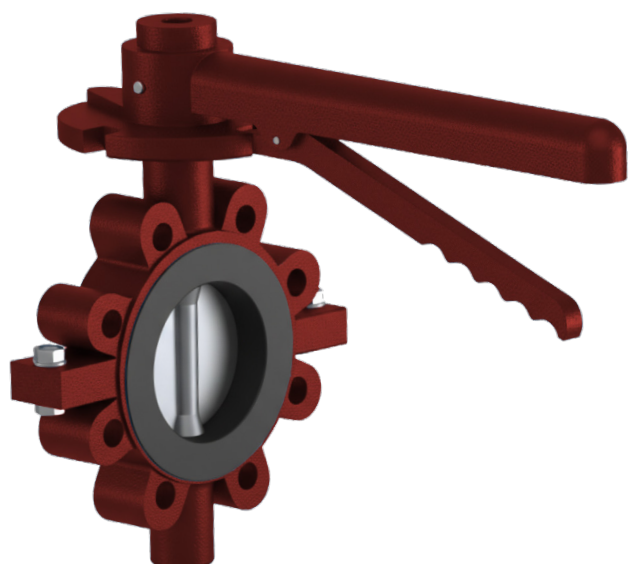


NOMENCLATURE OF DETAILS	
1	CONTROL LEVER
2	SOCKET
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	PIN
10	LEVER
11	HEXAGON NUT
12	WASHER
13	HEXAGON BOLT

OVERALL DIMENSIONS				UNI 1284 PRESSURE TABLES				WEIGHT KG	
DN	A	D	F	PN	OPEN	CLOSE	WORKING PRESSURE	ALUM.	C/IRON
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 GS33WL

BUTTERFLY VALVE (MANUAL)

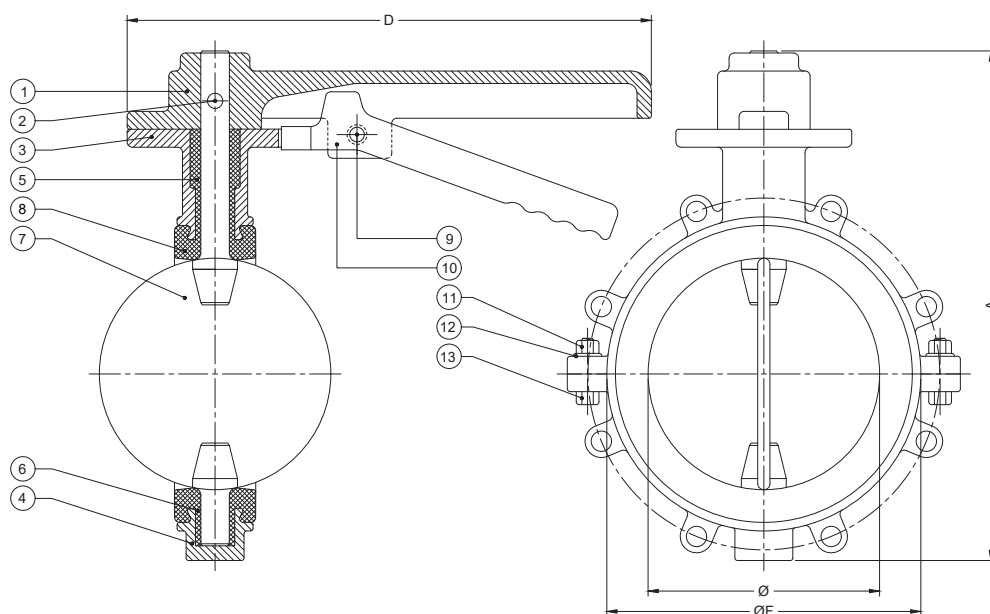


PRODUCT FEATURES:

- 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



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 GS34

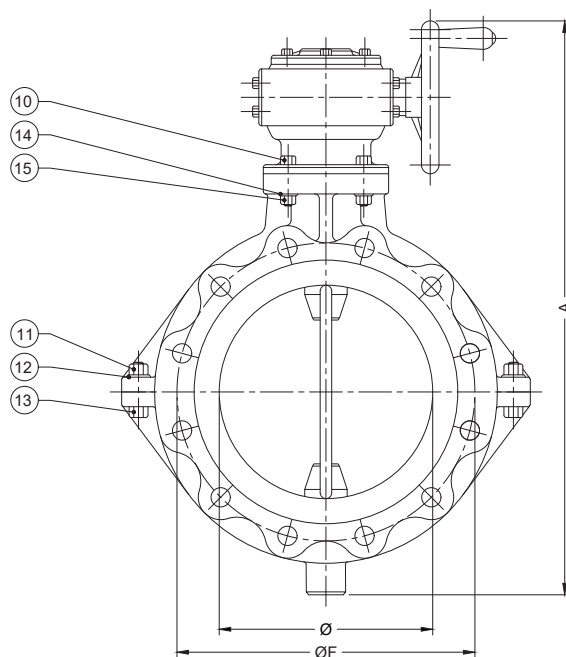
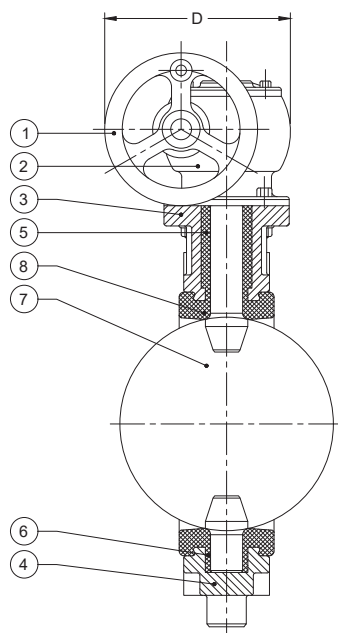
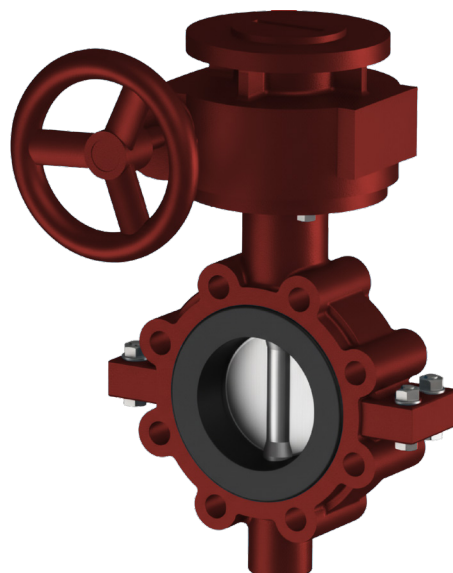
BUTTERFLY VALVE (MANUAL)

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

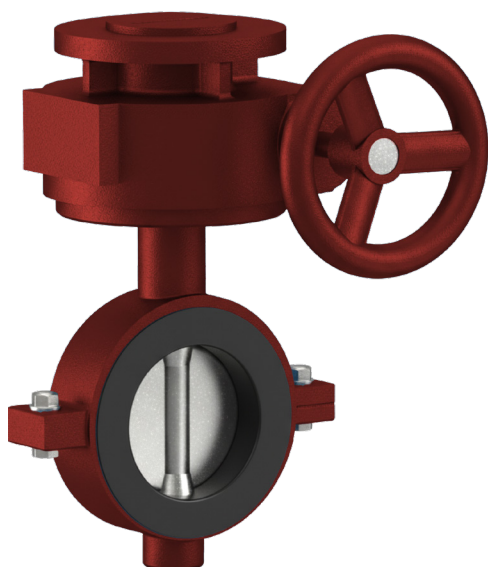


NOMENCLATURE OF DETAILS	
1	CONTROL LEVER
2	RIDUCTOR
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON BOLT
10	HEXAGON BOLT
11	HEXAGON NUT
12	WASHER
13	HEXAGON BOLT
14	WASHER
15	HEXAGON NUT

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)

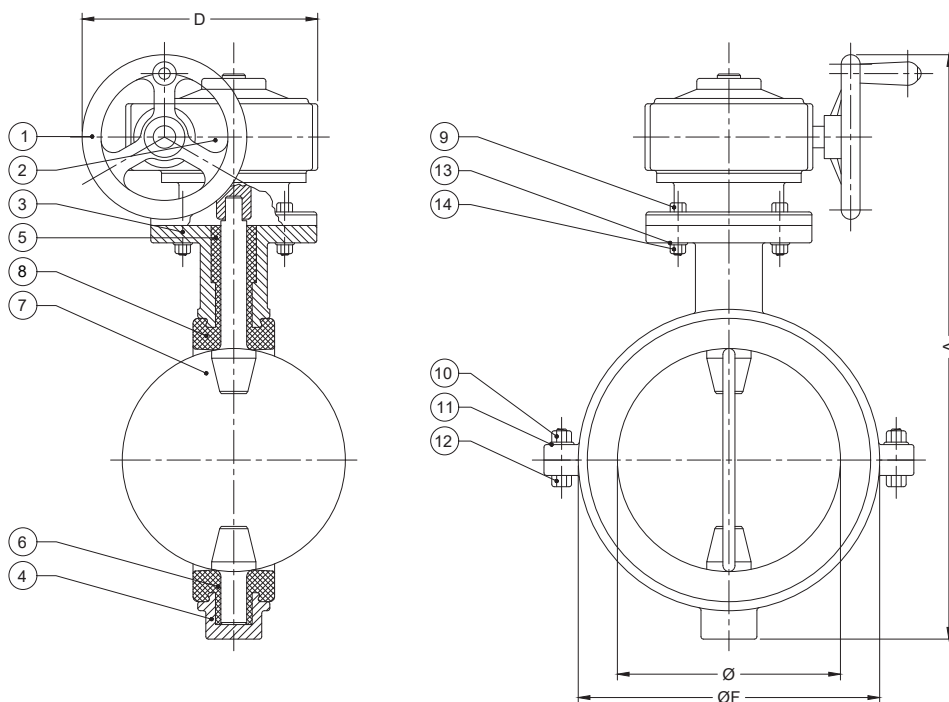


PRODUCT FEATURES:

- 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



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 GS34WL

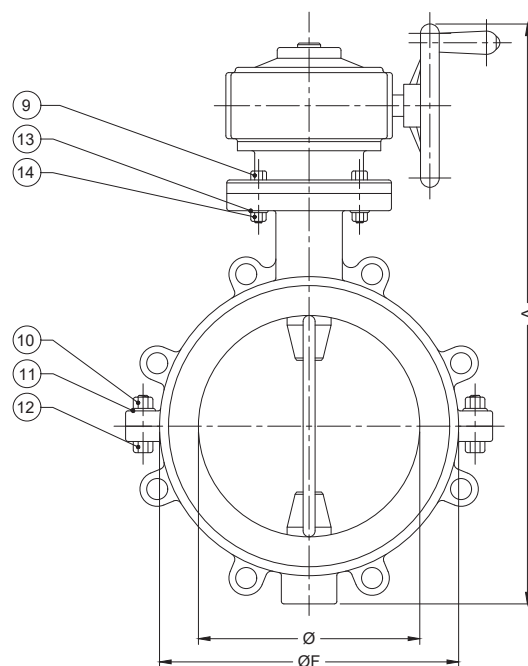
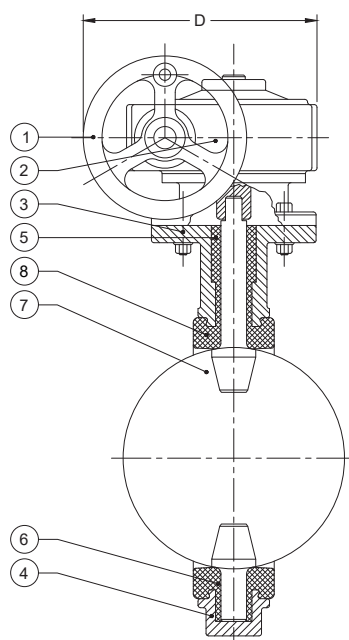
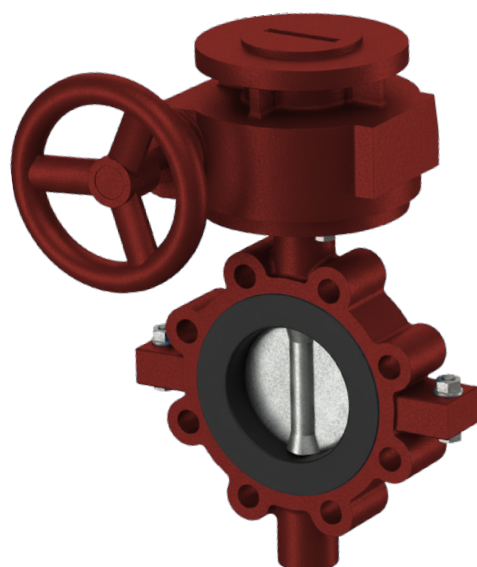
BUTTERFLY VALVE (MANUAL)

PRODUCT FEATURES:

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

PERFORMANCE FEATURES:

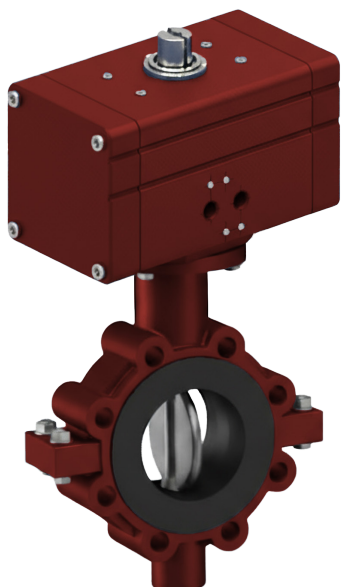
- Lower risk of damage
- Body valve designed and manufactured in two parts
- Special two parts body valve for quick and easy replacement of seat and disc
- No maintenance and long durability
- Epoxy painted, valve bodies protected with an anti-acid varnish



NOMENCLATURE OF DETAILS

1	CONTROL LEVER
2	REDUCTOR
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 GS38

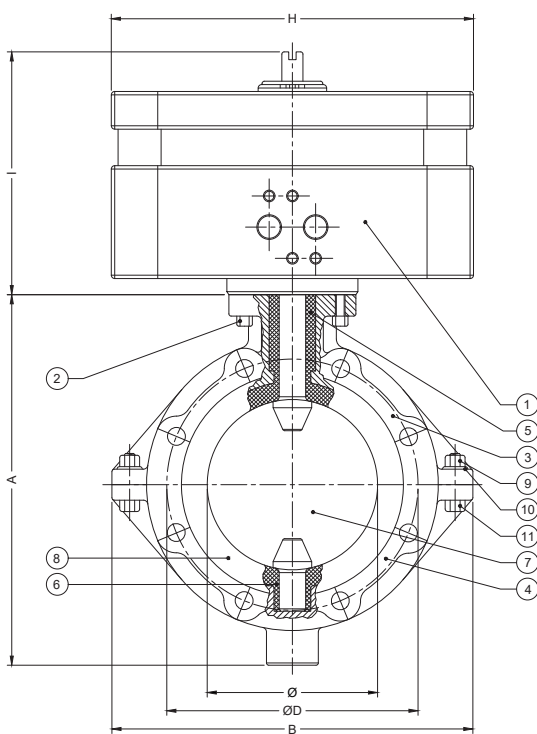
BUTTERFLY VALVE (AUTOMATIC)

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



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	161	7	10	7	6	17,9	37,9
150	386	366	240	342,6	182,5	7	10	7	6	29,0	50,0
200	435	420	295	342,6	182,5	6	10	6	5	36,0	66,0
250	495	484	350	508,6	282,5	6	10	6	5	64,2	97,2
300	580	566	400	508,6	282,5	6	10	6	5	71,2	109,2

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 GS38W

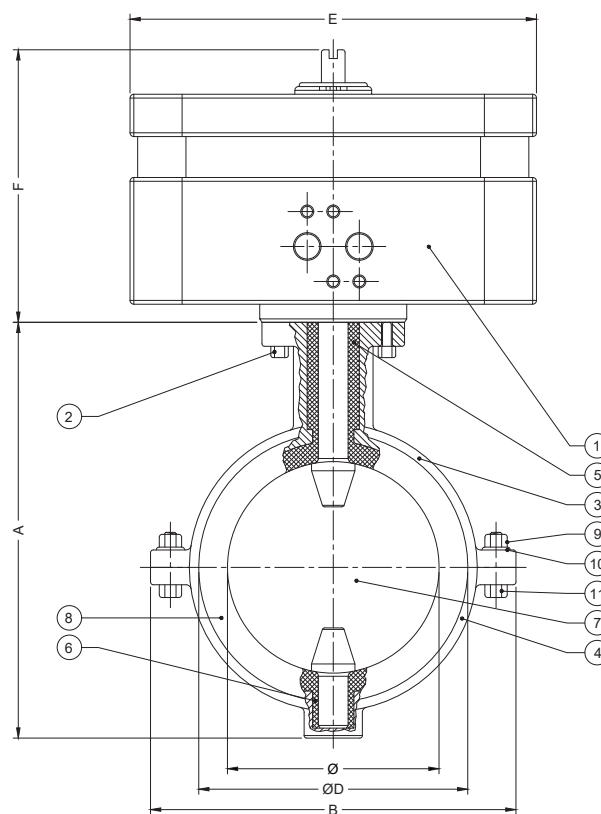
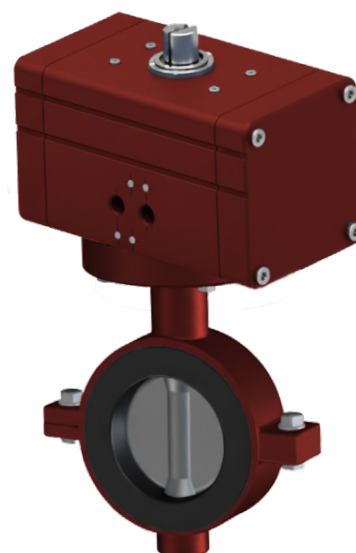
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

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

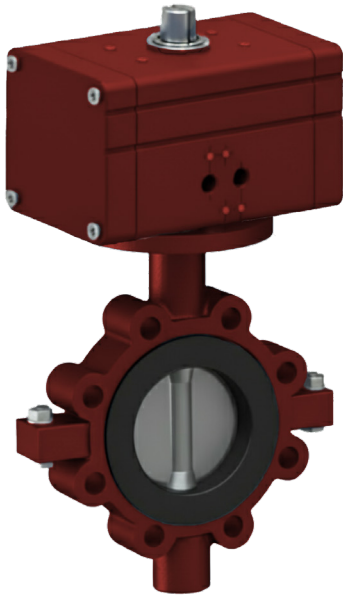
PERFORMANCE FEATURES:

- 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



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	136,5	7	10	7	6	10,8	14,8
65	195	165	108	205	136,5	7	10	7	6	11,8	16,8
80	210	200	125	205	136,5	7	10	7	6	12,8	18,8
100	250	220	150	254,5	161	7	10	7	6	16,9	35,9
125	270	250	173	254,5	161	7	10	7	6	20,9	37,9
150	310	280	204	342,6	182,5	7	10	7	6	28,0	47,0
200	370	340	254	342,6	182,5	6	10	6	5	34,0	62,0



MODEL GS38WL

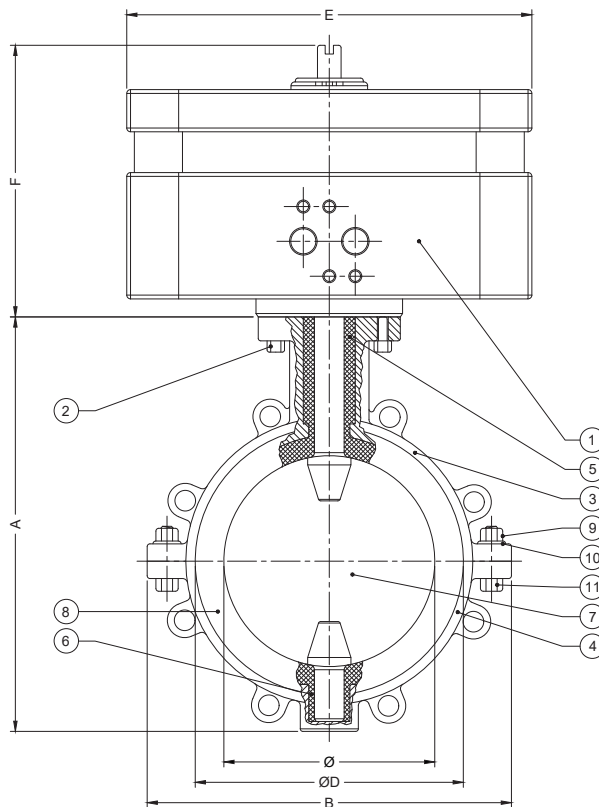
BUTTERFLY VALVE (AUTOMATIC)

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



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	136,5	7	10	7	6	10,8	14,8
65	195	165	108	205	136,5	7	10	7	6	11,8	16,8
80	210	200	125	205	136,5	7	10	7	6	12,8	18,8
100	250	220	150	254,5	161	7	10	7	6	16,9	35,9
125	270	250	173	254,5	161	7	10	7	6	20,9	37,9
150	310	280	204	342,6	182,5	7	10	7	6	28,0	47,0
200	370	340	254	342,6	182,5	6	10	6	5	34,0	62,0

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 GS40

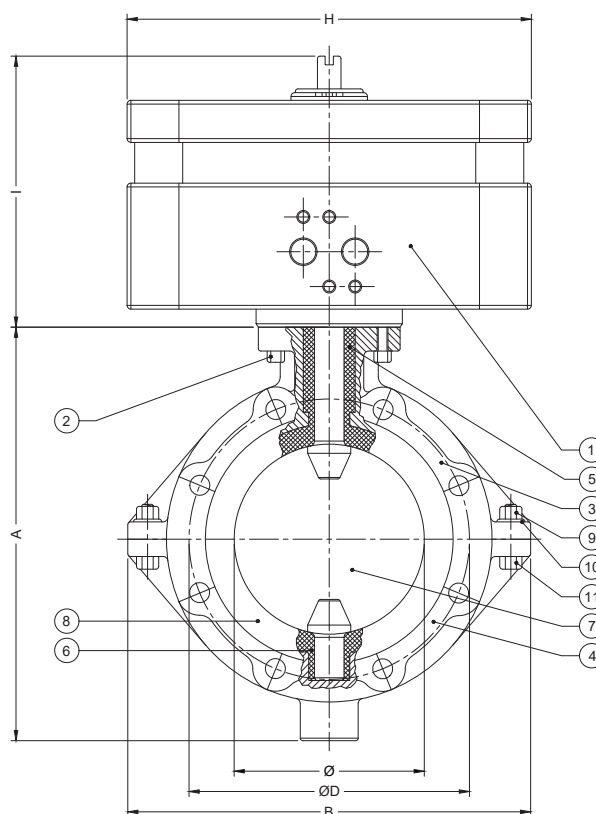
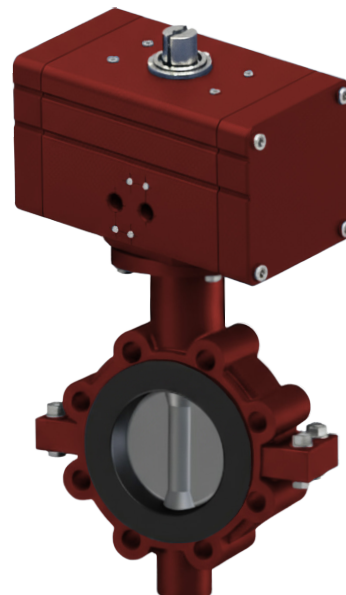
BUTTERFLY VALVE (AUTOMATIC)

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)

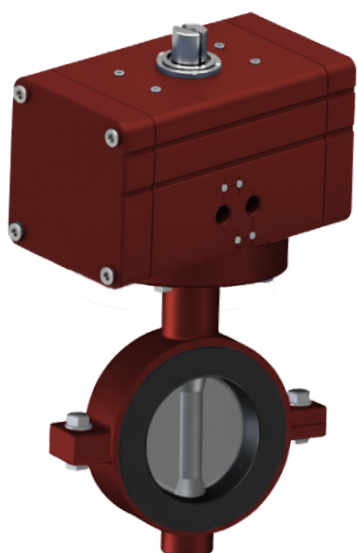


NOMENCLATURE OF DETAILS	
1	ACTUATOR
2	BOLT
3	VALVE UPPER BODY
4	VALVE LOWER BODY
5	BUSHING
6	BUSHING
7	BUTTERFLY
8	RUBBER SLEEVE
9	HEXAGON NUT
10	WASHER
11	BOLT

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	161	7	10	7	6	17,9	37,9
150	386	366	240	342,6	182,5	7	10	7	6	29,0	50,0
200	435	420	295	342,6	182,5	6	10	6	5	36,0	66,0
250	495	484	350	508,6	282,5	6	10	6	5	64,2	97,2
300	580	566	400	508,6	282,5	6	10	6	5	71,2	109,2

MODEL GS40W

BUTTERFLY VALVE (AUTOMATIC)

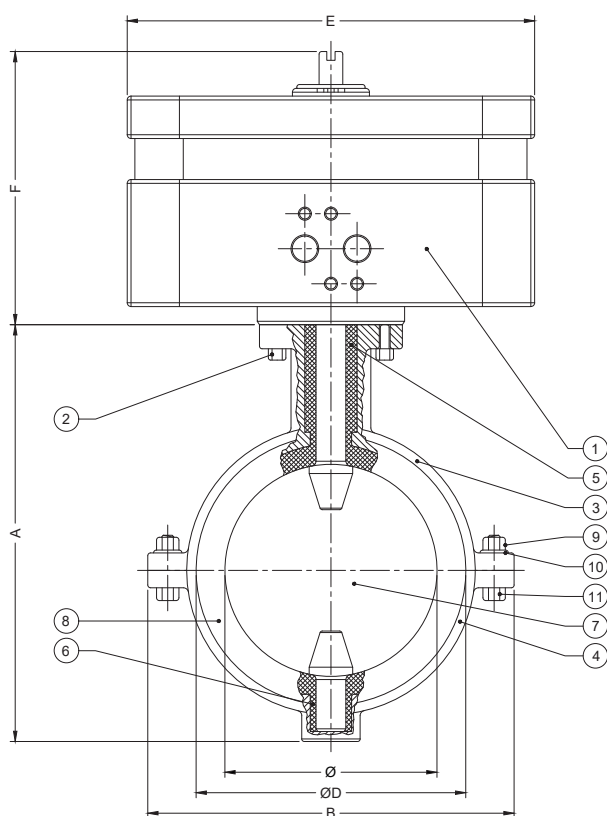


PRODUCT FEATURES:

- 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	136,5	7	10	7	6	10,8	14,8
65	195	165	108	205	136,5	7	10	7	6	11,8	16,8
80	210	200	125	205	136,5	7	10	7	6	12,8	18,8
100	250	220	150	254,5	161	7	10	7	6	16,9	35,9
125	270	250	173	254,5	161	7	10	7	6	20,9	37,9
150	310	280	204	342,6	182,5	7	10	7	6	28,0	47,0
200	370	340	254	342,6	182,5	6	10	6	5	34,0	62,0

MODEL GS40WL

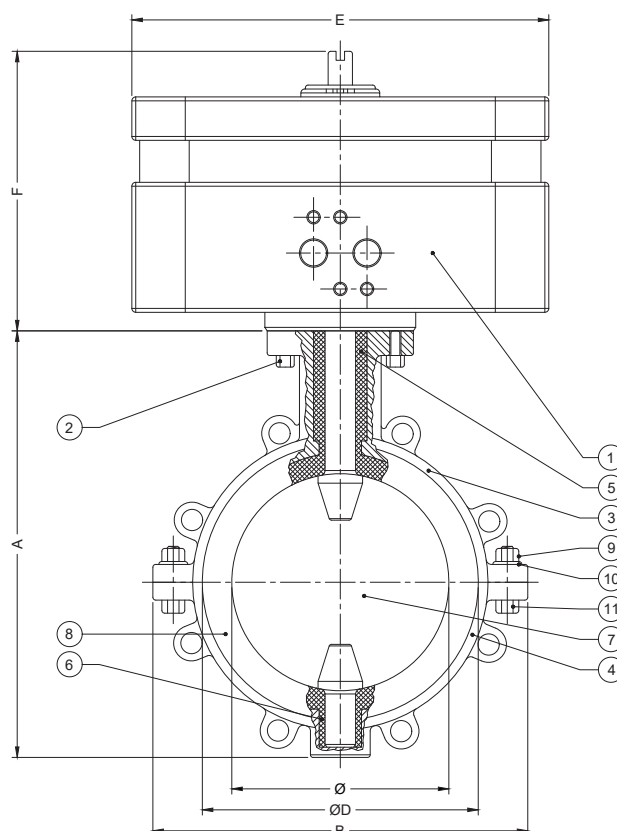
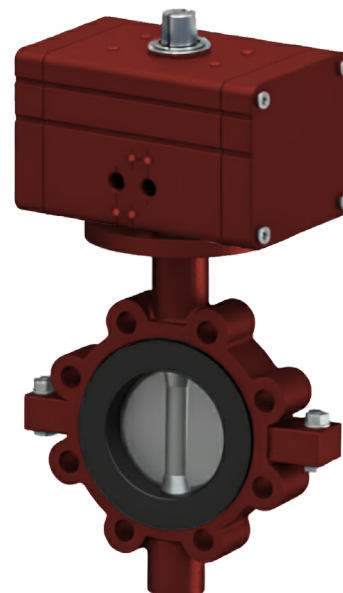
BUTTERFLY VALVE (AUTOMATIC)

PRODUCT FEATURES:

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

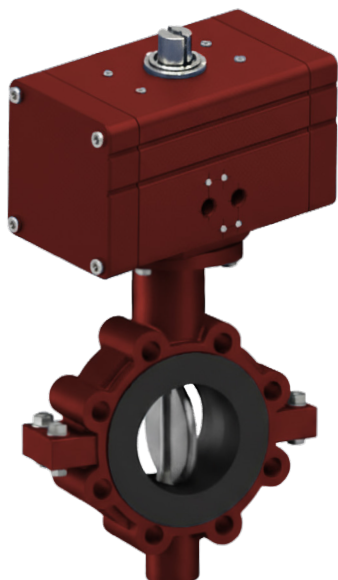
PERFORMANCE FEATURES:

- 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)



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	136,5	7	10	7	6	10,8	14,8
65	195	165	108	205	136,5	7	10	7	6	11,8	16,8
80	210	200	125	205	136,5	7	10	7	6	12,8	18,8
100	250	220	150	254,5	161	7	10	7	6	16,9	35,9
125	270	250	173	254,5	161	7	10	7	6	20,9	37,9
150	310	280	204	342,6	182,5	7	10	7	6	28,0	47,0
200	370	340	254	342,6	182,5	6	10	6	5	34,0	62,0



MODEL GS40A

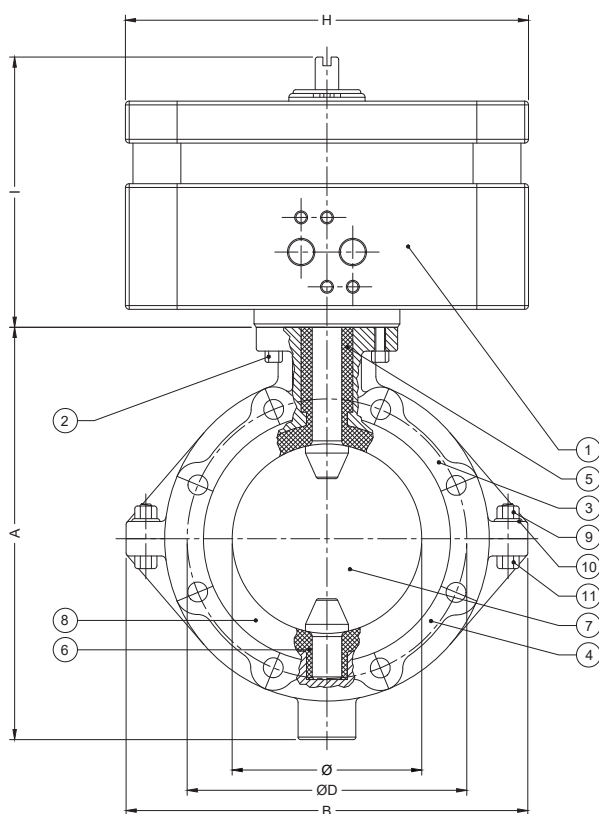
BUTTERFLY VALVE (AUTOMATIC)

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)



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	161	7	10	7	6	17,9	37,9
150	386	366	240	342,6	182,5	7	10	7	6	29,0	50,0
200	435	420	295	342,6	182,5	6	10	6	5	36,0	66,0
250	495	484	350	508,6	282,5	6	10	6	5	64,2	97,2
300	580	566	400	508,6	282,5	6	10	6	5	71,2	109,2

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 GS40AW

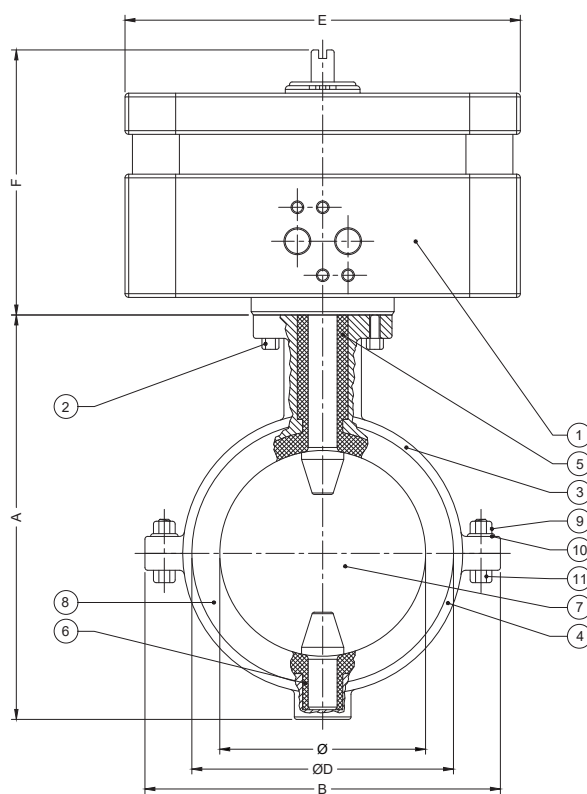
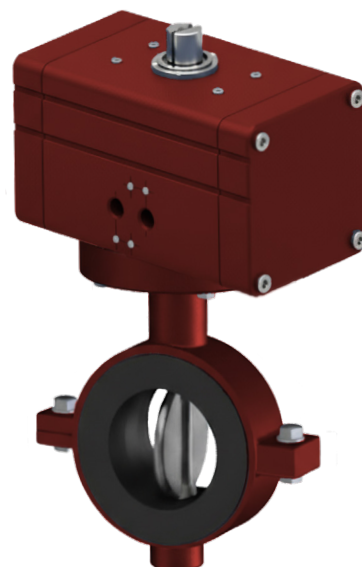
BUTTERFLY VALVE (AUTOMATIC)

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)



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	136,5	7	10	7	6	10,8	14,8
65	195	165	108	205	136,5	7	10	7	6	11,8	16,8
80	210	200	125	205	136,5	7	10	7	6	12,8	18,8
100	250	220	150	254,5	161	7	10	7	6	16,9	35,9
125	270	250	173	254,5	161	7	10	7	6	20,9	37,9
150	310	280	204	342,6	182,5	7	10	7	6	28,0	47,0
200	370	340	254	342,6	182,5	6	10	6	5	34,0	62,0

SPARE PARTS

DIAPHRAGMS & SLEEVES

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



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



PNEUMATIC ACTUATORS

FOR DIAPHRAGMS VALVES:

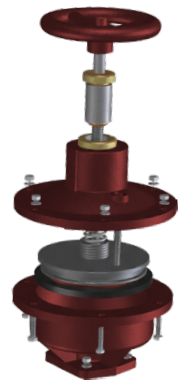
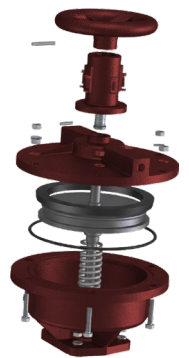
Piston type air operators line offer a great solution to a wide range of actuation situations. They are exclusively designed to G&O series diaphragm valves and can be mounted in any position. These actuators are built in aluminium and are available in three options:

- 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



SPRINGS

SPRINGS MATERIALS:

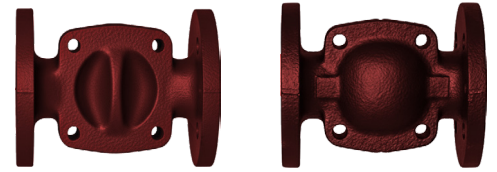
- AISI 316: Made from a type of high-alloy austenitic stainless steel, which makes them a benchmark material for resilience.
- On demand: Does not refer to a specific material but rather to a production and supply method for springs.



BODIES

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



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



OTHER PRODUCTS

RUBBER HOSES

Suction and Discharge Hose for Aggressive Chemicals, EPR Quality.

KEY FEATURES

- Suction and discharge of chemical products
- Electrically conductive
- EPR highly resistant to chemical agents

APPLICATION

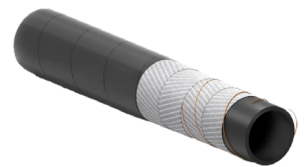
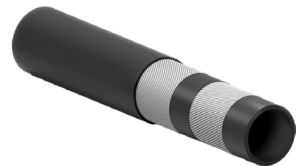
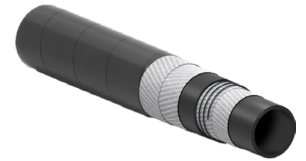
- Spiralled hose for the suction and discharge of aggressive chemicals, acids, bases, aldehydes, and ketones; suitable for the transfer of industrial water and for use in water treatment plants.

TEMPERATURE

- From -40° to +120°C depending on the conveyed fluid.

AVAILABLE OPTIONS ON REQUEST

- Different diameters
- Different working pressures



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.

PINCH VALVES

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...

Sleeve (internal rubber) is supported during opening and closing, and is easily replaceable without any special tools.

The wide range of available elastomer materials enables an appropriate selection for each application and is a guarantee of perfect resistance to corrosion and abrasion.

PRODUCT FEATURES:

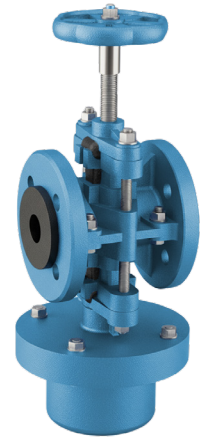
- Straight through way
- Sized from 1/2" through 14"
- Flanged valves in according to UNI PN 10 and ANSI/ASME 150#
- Manual, pneumatic and electric operators

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 A 395
- Pure aluminium
- Cast steel A 216 grade WCB
- Cast steel A 352 grade LCB
- SS 316 ASTM A 351 grade CF3M
- SS 316 L ASTM A 351 grade CF8M





GALASSI&ORTOLANI
QUALITY VALVES SINCE 1937

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