

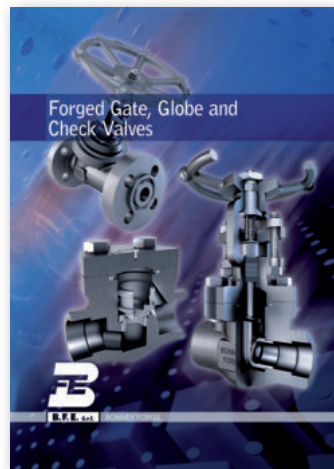
Cast Steel Seal Valves



B.F.E. s.r.l.

BONNEY FORGE

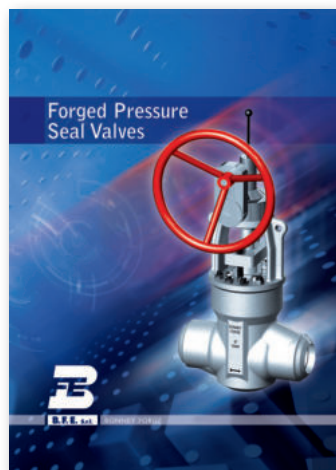
BFE AVAILABLE CATALOGUES



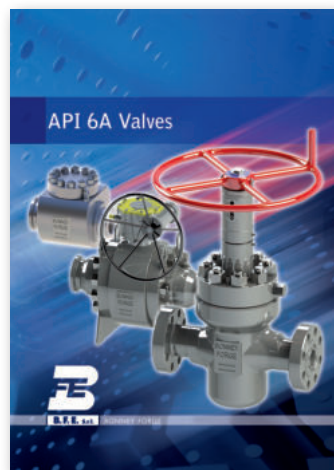
Forged Valves



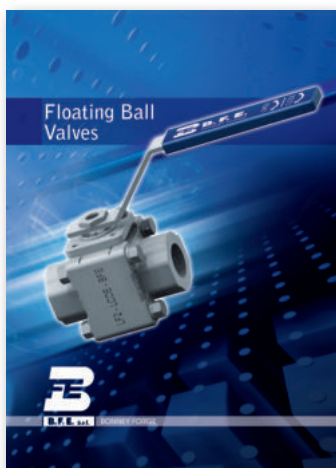
Cast Steel Valves



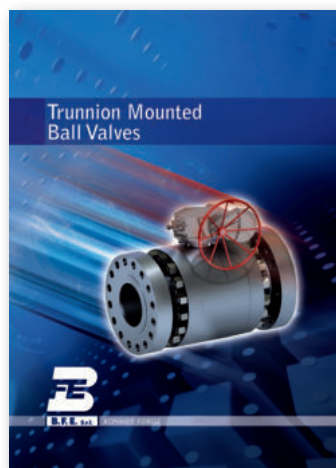
Forged Pressure Seal Valves



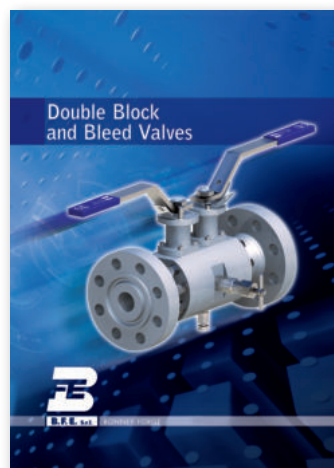
API 6A Valves



Forged Floating Ball Valves



Trunnion Mounted Ball Valves



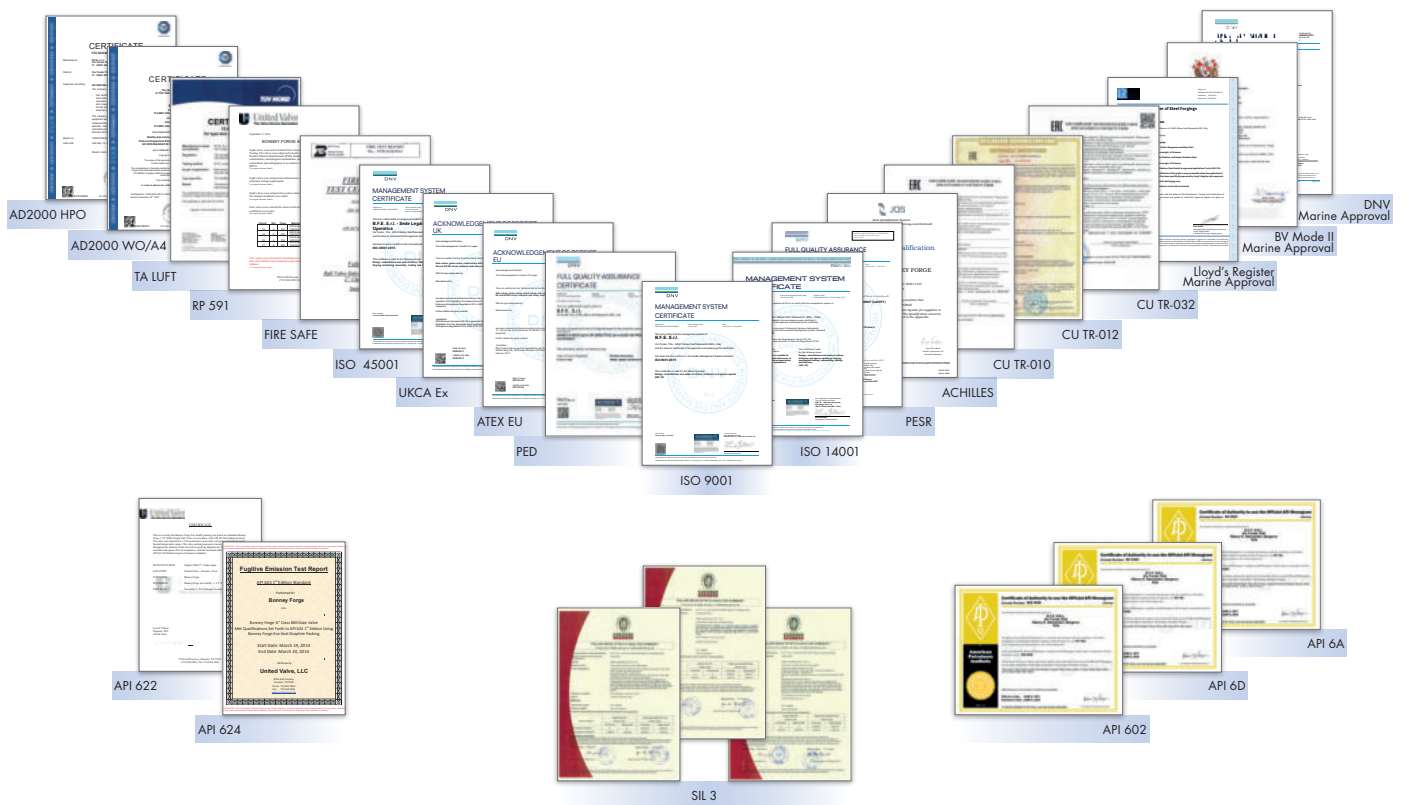
Double Block & Bleed Valves



Global quality. Total reliability.

Two recurrent claims in present-day corporate strategies. But the transition from words to actions demands tangible measures. Specialization and organization underlie what amounts to a “quality

culture” at B.F.E., not in the abstract but as a set of specific rules governing every stage of production. An operating model that is good to have in a partner who bears the responsibility of supplying valves that are essential to plant safety and regulation.



B.F.E. s.r.l.

DESIGN, CONSTRUCTION, MARKING FOR BOLTED VALVES

Bolted bonnet valves are designed and manufactured to withstand the most severe working condition of the oil-petrochemical and power industries.

The valves are in strict accordance with the API standard 600, ISO 10434, BS 1414, BS 1868, BS 1873 and ASME B16.34 where applicable. Design characteristics realised to suit the working conditions with high safety factor. Casting materials are rigidly checked to ensure quality and safety.

Face to Face dimensions are in accordance with ASME B16.10

Butt Welding Ends machined to ASME B16.25.

Marking according to MSS SP25.

Valves are manufactured and qualified in conformity with Pressure Equipment Directive 97/23/EC and ATEX 94/9/EC.

Cast steel Valve design is developed using the latest software based analysis tools.

At the design stage, all projects are analysed using 3D solid modelling tools. Benefits include reduction of development time and cost, improved product quality, and ability to solve field problems for customers. Product flexibility and accuracy is assured.

Finite Element Analysis (FEA) is a very important step at the development stage to ensure the best possible performance requirements. Valve operational problems, pressure/temperature-related deformations and flow-related forces within a valve can be evaluated.

FEA is used for predicting failure due to unknown stresses by showing problem areas in a material and allowing designers to see all of the theoretical stresses within. This method of product design and testing is far superior to the manufacturing costs which would accrue if each sample was actually built and tested.

The analyst also verify that analysis results conform to the physics of the problem under study. Understanding the response of a structure or manufactured product allows effective design decisions to be made in developing structures and products that are functional, meet all engineering requirements, and can be manufactured and assembled.

Computational Fluid Dynamics (CFD) is used to simulate operating flow conditions. Evaluation of Valve CV coefficient and convective heat transfer coefficient takes place at the design stage.

BODY

The cast steel body have at any point the wall thickness greater than the minimum specified on API 600.

Particular attention has been given to the distribution of material to prevent stress concentration anywhere in the valve design.

SEAT

Seat rings are welded into the body.

WEDGE - DISC

The valves are equipped with:

Gate valves: integral flexible wedge.

Globe valves: plug type; on request parabolic or stop check type.

Check valves: swing type.

PACKING

Standard packing is made with pure graphite pressed ring with on top and bottom of braided graphite with corrosion inhibitor to prevent damage of stress surface.

Packing meet the Fugitive Emission requirements of API 624 and ISO 15848.



OPERATION

Valves are available with hand wheel, bevel gear, spur gear or actuator. Electrical, pneumatic or hydraulic actuator can be supplied on customer request.

INSPECTION

Every valve is subjected to a pressure test in accordance with the API 598 or EN12266-1/2. The rated pressure for the applicable pressure class is in accordance with ASME B16.34.

MARKING AND IDENTIFICATION

Each valve is identified on proper name plate and on the valve body as required by MSS

SP25, ASME B16.34.

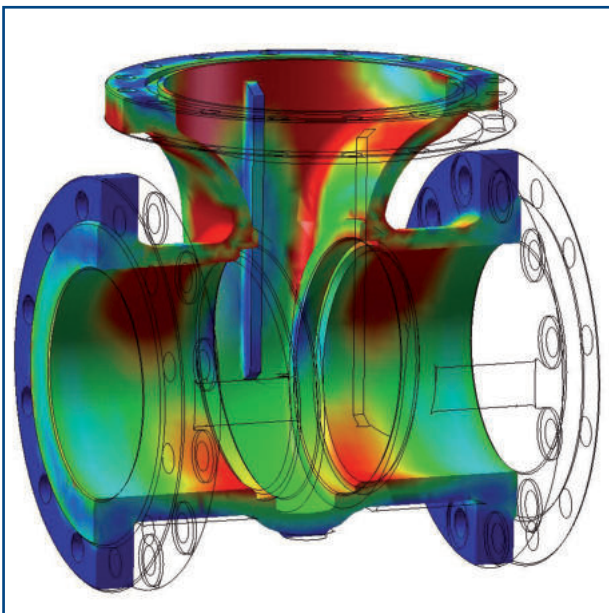
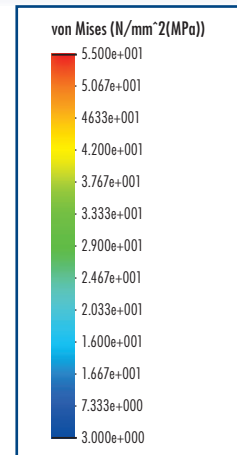
Name plate carries all information on rating, size, body material, customer tags.

On body, marking includes material designation (per ASTM) and heat code, size, rating and the trade mark.

Globe and check valves are supplementary marked with an arrow indicating flow direction.

ACCESSORY

Valves can be supplied with by-pass according to MSS SP45, extension stem, floor stand, Limit switches, or others in accordance with customer request.



BOLTED BONNET VALVES

Type: Gate

Design Construction: API 600

Classes: 150-300-600-900 and 1500 lbs

Testing according to API 598

Marking to MSS SP25

Outside Screw and Yoke (OS&Y)

Self aligning packing gland in two parts

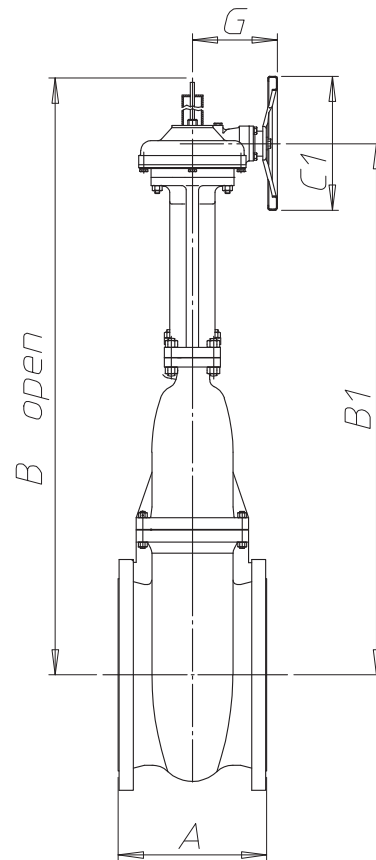
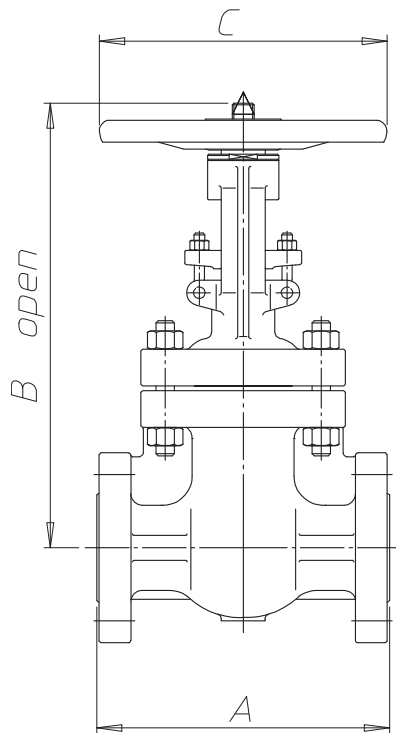
Screwed back seat

Welded seat rings

Integral flexible wedge

Flanges according to ASME B16.5

Butt Welding Ends according to ASME B16.25



GATE VALVES CLASS 150

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	
A (RF)	178	190	203	229	254	267	292	330	356	381	406	432	457	508	
A (BW)	216	241	282	305	381	403	419	457	502	572	610	660	711	813	
A (RTJ)	190	203	216	241	267	279	305	343	368	394	419	444	470	521	
B (Open)	423	495	520	596	711	759	995	1180	1432	1535	1811	2009	2230	2641	
C	200	200	250	250	250	300	350	400	500	500	600	650	650	750	
G	-	-	-	-	-	-	-	220	220	360	360	360	411	411	
B1	-	-	-	-	-	-	-	1289	1509	1614	1840	2012	2180	2560	
C1	-	-	-	-	-	-	-	305	305	305	305	460	460	460	
Weight Kg	RF	21	28	36	53	60	84	139	201	320	430	548	744	1117	1466
	BW	18	21	30	44	54	76	126	179	303	398	509	710	1077	1426
	RF+BG	-	-	-	-	-	-	161	223	342	450	568	774	1147	1496
	BW+BG	-	-	-	-	-	-	148	201	325	418	529	740	1107	1456
Figure N°	1-108	1-109	1-1010	1-1011	1-1012	1-1013	1-1014	1-1015	1-1016	1-1017	1-1018	1-1019	1-1020	1-1024	

GATE VALVES CLASS 300

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	
A (RF)	216	241	282	305	381	403	419	457	502	762	838	914	991	1143	
A (BW)	216	241	282	305	381	403	419	457	502	762	838	914	991	1143	
A (RTJ)	232	257	298	320	397	419	435	473	517	778	854	930	1010	1165	
B (Open)	430	525	555	620	790	805	1005	1230	1465	1575	1758	1974	2167	2637	
C	200	200	250	250	350	350	400	450	500	640	640	680	760	900	
G	-	-	-	-	-	-	-	220	267	360	360	360	411	411	
B1	-	-	-	-	-	-	-	1272	1479	1630	1815	2011	2225	2667	
C1	-	-	-	-	-	-	-	305	460	460	460	540	540	610	
Weight Kg	RF	28	36	51	78	107	144	228	320	450	694	1080	1235	1655	2320
	BW	22	27	40	60	86	113	183	254	358	576	935	1054	1433	1964
	RF+BG	-	-	-	-	-	166	250	342	480	857	1172	1483	1851	2634
	BW+BG	-	-	-	-	-	135	205	276	388	739	1027	1302	1629	2278
Figure N°	3-108	3-109	3-1010	3-1011	3-1012	3-1013	3-1014	3-1015	3-1016	3-1017	3-1018	3-1019	3-1020	3-1024	

GATE VALVES CLASS 600

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A (RF)	292	330	356	432	508	559	660	787	-	-	-	-	-	-
A (BW)	292	330	356	432	508	559	660	787	-	-	-	-	-	-
A (RTJ)	295	333	359	436	511	562	663	790	-	-	-	-	-	-
B (Open)	465	532	555	685	795	910	1145	1268	-	-	-	-	-	-
C	250	250	250	350	400	450	500	600	-	-	-	-	-	-
G	-	-	-	-	-	-	260	320	-	-	-	-	-	-
B1	-	-	-	-	-	-	1175	1330	-	-	-	-	-	-
C1	-	-	-	-	-	-	460	610	-	-	-	-	-	-
Weight Kg	RF	41	57	72	128	200	266	419	754	-	-	-	-	-
	BW	34	47	58	99	155	209	336	616	-	-	-	-	-
	RF+BG	-	-	-	-	-	288	449	804	-	-	-	-	-
	BW+BG	-	-	-	-	-	231	366	666	-	-	-	-	-
Figure N°	6-108	6-109	6-1010	6-1011	6-1012	6-1013	6-1014	6-1015	-	-	-	-	-	-

BOLTED BONNET VALVES

Type: Globe

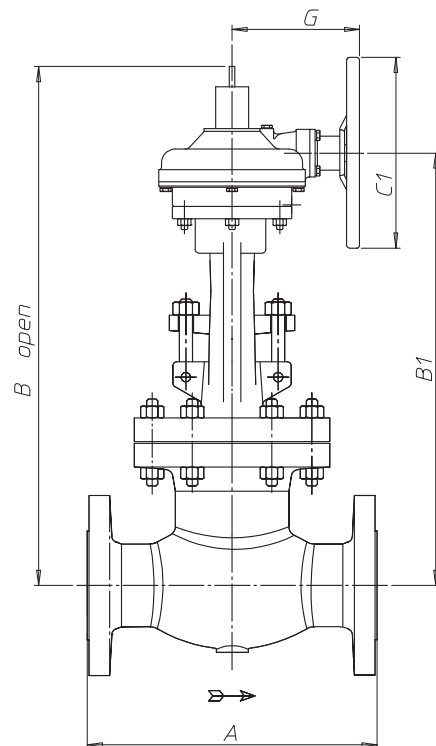
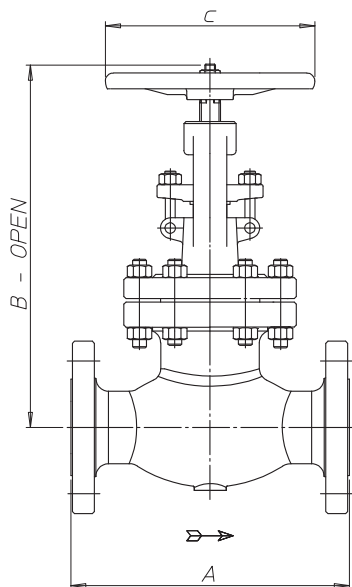
Design Construction: BS 1873 and API 600 (w.a.)
Classes: 150-300-600-900 and 1500 lbs

Testing according to API 598-BS6755
Marking to MSS SP25

Outside Screw and Yoke (OS&Y)

Self aligning packing gland in two parts
Screwed back seat
Welded seat ring
Disc: loose on stem, needle or parabolic on request

Flanges according to ASME B16.5
Butt Welding Ends according to ASME B16.25



GLOBE VALVES CLASS 150

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
A (RF)	203	216	241	292	356	406	495	622	698	
A (BW)	203	216	241	292	356	406	495	622	698	
A (RTJ)	216	229	254	305	368	419	508	635	711	
B (Open)	356	420	411	475	540	550	615	749	922	
C	200	250	250	300	350	400	450	450	640	
G	-	-	-	-	-	-	360	360	360	
B1	-	-	-	-	-	-	557	669	860	
C1	-	-	-	-	-	-	460	460	460	
Weight Kg	RF	21	30	37	57	78	100	156	261	308
	BW	17	22	29	46	67	86	134	227	272
	RF+BG	-	-	-	-	-	122	161	308	445
	BW+BG	-	-	-	-	-	108	159	274	409
Figure N°	1-308	1-309	1-3010	1-3011	1-3012	1-3013	1-3014	1-3015	1-3016	

GLOBE VALVES CLASS 300

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
A (RF)	267	292	318	356	400	444	559	622	-	
A (BW)	267	292	318	356	400	444	559	622	-	
A (RTJ)	282	308	333	371	416	460	575	638	-	
B (Open)	384	460	450	515	570	618	740	1049	-	
C	200	250	300	350	400	450	500	610	-	
G	-	-	-	-	-	-	460	610	-	
B1	-	-	-	-	-	-	770	1078	-	
C1	-	-	-	-	-	-	360	411	-	
Weight Kg	RF	31	44	55	84	110	150	225	385	-
	BW	25	35	46	76	99	119	180	329	-
	RF+BG	-	-	77	100	-	172	255	600	-
	BW+BG	-	-	68	98	-	141	210	534	-
Figure N°	3-308	3-309	3-3010	3-3011	3-3012	3-3013	3-3014	3-3015	-	

GLOBE VALVES CLASS 600

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
A (RF)	292	330	356	432	508	559	660	-	-
A (BW)	292	330	356	432	508	559	660	-	-
A (RTJ)	295	333	359	435	511	562	663	-	-
B (Open)	453	546	563	658	715	788	-	-	-
C	250	300	350	400	500	560	-	-	-
G	-	-	-	-	-	-	413	-	-
B1	-	-	-	-	-	-	940	-	-
C1	-	-	-	-	-	-	610	-	-
Weight Kg	RF	45	64	78	135	212	327	-	-
	BW	38	54	64	106	157	261	-	-
	RF+BG	-	-	-	157	-	417	542	-
	BW+BG	-	-	-	128	-	360	459	-
Figure N°	6-308	6-309	6-3010	6-3011	6-3012	6-3013	36-3014	-	-

BOLTED BONNET VALVES

Type: Swing Check

Design Construction: BS 1868 and API 600 (w.a.)

Classes: 150-300-600-900 and 1500 lbs

Testing according to API 598-BS6755

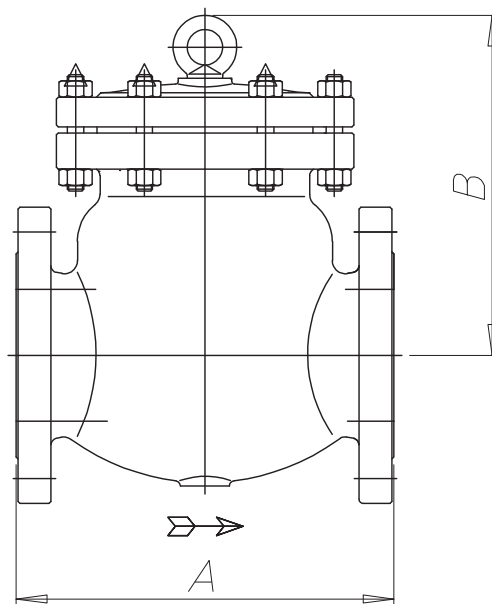
Marking to MSS SP25

Welded seat ring

Disc: loose on hinge

Flanges according to ASME B16.5

Butt Welding Ends according to ASME B16.25



SWING CHECK VALVES CLASS 150

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
A (RF)	203	216	241	292	330	356	495	622	698	787	864
A (BW)	203	216	241	292	330	356	495	622	698	787	864
A (RTJ)	216	229	254	305	343	368	508	635	711	800	876
B	160	167	180	217	285	315	365	445	510	532	583
Weight Kg	RF	19	24	28	48	63	79	130	200	300	556
	BW	15	20	23	42	51	67	118	162	236	469
Figure N°	1-608	1-609	1-6010	1-6011	1-6012	1-6013	1-6014	1-6015	1-6016	1-6017	1-6018

SWING CHECK VALVES CLASS 300

SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
A (RF)	267	292	318	356	400	444	533	622	711	-	-
A (BW)	267	292	318	356	400	444	533	622	711	-	-
A (RTJ)	282	308	333	371	416	460	549	638	727	-	-
B	195	210	225	270	310	330	395	465	482	-	-
Weight Kg	RF	31	39	45	68	90	136	220	315	449	-
	BW	26	31	37	51	67	110	174	203	384	-
Figure N°	3-608	3-609	3-6010	3-6011	3-6012	3-6013	3-6014	3-6015	3-6016	-	-

SWING CHECK VALVES CLASS 600

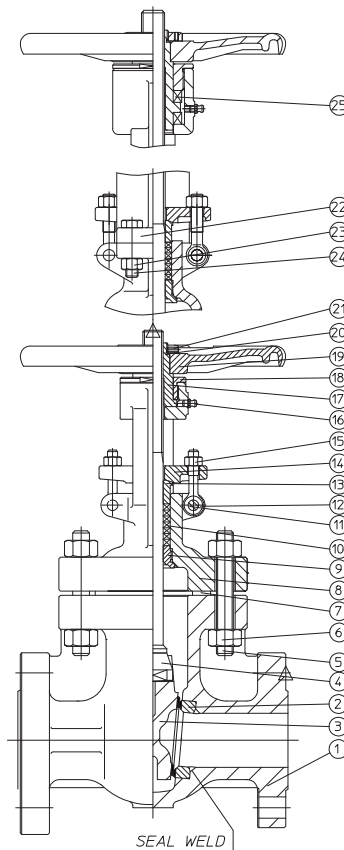
SIZE	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
A (RF)	292	330	356	432	508	559	660	787	838	-	-
A (BW)	292	330	356	432	508	559	660	787	838	-	-
A (RTJ)	295	333	359	435	511	562	663	790	841	-	-
B	180	197	285	325	343	376	532	583	608	-	-
Weight Kg	RF	32	42	60	110	161	221	346	628	796	-
	BW	24	33	49	82	127	182	291	498	691	-
Figure N°	6-608	6-609	6-6010	6-6011	6-6012	6-6013	6-6014	6-6015	6-6016	-	-

STANDARD MATERIAL FOR BOLTED BONNET GATE VALVES

POS.	PART NAME	MATERIAL			
		WCB-13%Cr Trim 8	LCC-13%Cr Trim 8	WC6-13%Cr Trim 8	CF8M-F316 Trim 12
1	CORPO - BODY	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
2	SEGGIO - SEAT RING	ASTM A105 HF	A350 LF2 HF	A182 F11 HF	A182 F316 HF
3	OTTURATORE - WEDGE	A216 WCB+13% Cr	A352 LCC+13% Cr	A217 WC6+13% Cr	ASTM A351 CF8M
4	STELO - STEM				ASTM A182 F316
5	TIRANTI C/C - B/B BOLTS	ASTM A193 B7	ASTM A320 L7	ASTM A193 B16	ASTM A193 B8
6	DADI PER TIRANTI C/C - NUTS FOR BOLTS	ASTM A194 2H	ASTM A194 Gr.7	ASTM A194 Gr.4	ASTM A194 Gr.8
7	GUARNIZIONE C/C - B/B GASKET	d. 150	Corrugated S.S. Graphite		
		d. 300	Spiral Wound Graphite		
		d. 600	Soft Iron	ASTM A182 F316	
8	COPERCHIO - BONNET	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
9	CONTROTENUTA - BACK SEAT				ASTM A182 F316
10	BADERNA - PACKING	Braided & Flexible Graphite			
11	PERNO PER TIRANTI - PIN FOR EYE BOLTS				ASTM A182 F316
12	TIRANTI PREMITRECCIA - GLAND STUDS				ASTM A193 B8
13	PREMITRECCIA - PACKING GLAND				ASTM A182 F316
14	FLANGIA PREMITRECCIA - GLAND FLANGE				ASTM A351 CF8M
15	DADI PER TIRANTI - EYE BOLT NUT				ASTM A194 Gr.8
16	INGRASSATORE - GREASE NIPPLE	CARBON STEEL			
17	MADREVITE - YOKE SLEEVE	ASTM A439 D2			
18	GHIERA REGGISPINTA - THRUST RING				ASTM A182 F316
19	VOLANTINO - HANDWHEEL	Ductile Iron			
20	DADO VOLANTINO - HANDWHEEL NUT				ASTM A182 F316
21	GRANO DI BLOCCAGGIO - SCREWED PIN				STAINLESS STEEL
22 ²	SUPPORTO - YOKE	ASTM A216 WCB			
23 ²	DADI PER TIRANTI - NUTS FOR YOKE BOLT	ASTM A194 2H			
24 ²	TIRANTI SUPPORTO - YOKE BOLTS	ASTM A193 B7			
25 ¹	CUSCINETTI REGGISPINTA - THRUST BEARING	STEEL			
POS.	PART NAME	WCB-13%Cr Trim 8	LCC-13%Cr Trim 8	WC6-13%Cr Trim 8	CF8M-F316 Trim 12
MATERIAL					

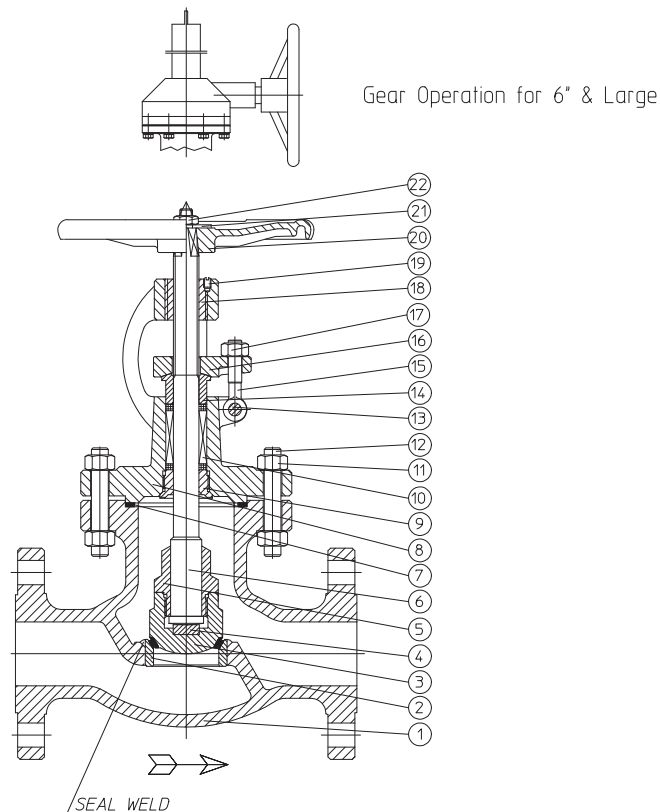
NOTE:

- 1 - Thrust ball bearing for 8" and larger only.
- 2 - Yoke for 12" and larger only.



STANDARD MATERIAL FOR BOLTED BONNET GLOBE VALVES

POS.	PART NAME	MATERIAL			
		WCB-13%Cr Trim 8	LCC-13%Cr Trim 8	WC6-13%Cr Trim 8	CF8M-F316 Trim 12
1	CORPO - BODY	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
2	SEGGIO - SEAT RING	ASTM A105 HF	A182 F304 HF	A182 F304 HF	A182 F316 HF
3	OTTURATORE - DISC	ASTM A105+13% Cr	A350 LF2+13% Cr	A182 F11+13% Cr	ASTM A182 F316
4	PASTIGLIA - DISC THRUST PLATE		ASTM A182 F6		ASTM A182 F316
5	GHIERA OTTURATORE - DISC STEM NUT		ASTM A182 F6		ASTM A182 F316
6	STELO - STEM		ASTM A182 F6		ASTM A182 F316
7	GUARNIZIONE C/C - B/B GASKET	cl. 150	Corrugated S.S. Graphite		
		cl. 300	Spiral Wound Graphite		
		cl. 600	Soft Iron	ASTM A182 F316	
8	COPERCHIO - BONNET	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
9	CONTROTENUTA - BACK SEAT		ASTM A182 F6		ASTM A182 F316
10	BADERNA - PACKING		Braided & Flexible Graphite		
11	DADO PER TIRANTI - NUT FOR BOLTS	ASTM A194 2H	ASTM A194 Gr.4	ASTM A194 Gr.4	ASTM A194 Gr.8
12	TIRANTI CORPO/COPERCHIO - BODY BONNET BOLTS	ASTM A193 B7	ASTM A320 L7	ASTM A193 B16	ASTM A193 B8
13	SPINA PER TIRANTI PREMIRECCIA - EYE BOLT PIN		CARBON STEEL		ASTM A182 F316
14	PREMIRECCIA - PACKING GLAND		ASTM A182 F6		ASTM A182 F316
15	TIRANTI PREMIRECCIA - GLAND STUDS		ASTM A193 B7		ASTM A193 B8
16	FLANGIA PREMIRECCIA - GLAND FLANGE		ASTM A216 WCB		ASTM A351 CF8M
17	DADO PER TIRANTI AD OCCHIO - EYE BOLT NUT		ASTM A194 2H		ASTM A194 Gr.8
18	MADREVITE - YOKE SLEEVE		ASTM A439 D2		
19	GRANO DI BLOCCAGGIO - SCREWED PIN		CARBON STEEL		
20	VOLANTINO - HANDWHEEL		Ductile Iron		
21	RONDELLA - WASHER		CARBON STEEL		
22	DADO VOLANTINO - HANDWHEEL NUT		CARBON STEEL		
POS.	PART NAME	WCB-13%Cr Trim 8	LCC-13%Cr Trim 8	WC6-13%Cr Trim 8	CF8M-F316 Trim 12
		MATERIAL			

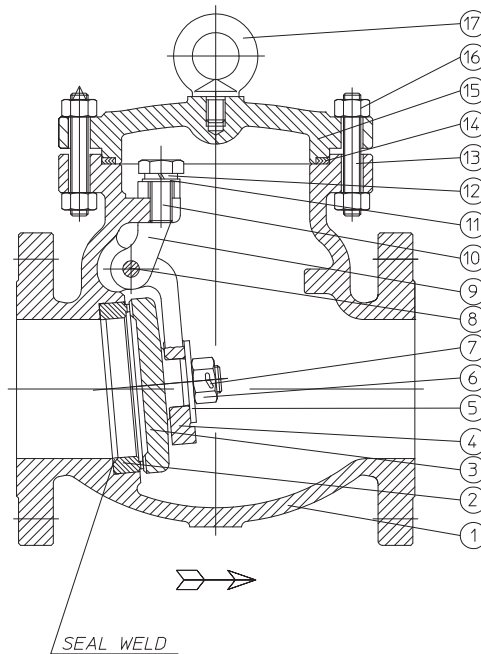


STANDARD MATERIAL FOR BOLTED BONNET SWING CHECK VALVES

POS.	PART NAME	MATERIAL			
		WCB-13%Cr Trim 8	LCC-13%Cr Trim 8	WC6-13%Cr Trim 8	CF8M-F316 Trim 12
1	CORPO - BODY	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
2	SEGGIO - SEAT RING	ASTM A105 HF	A182 F304 HF	A182 F304 HF	A182 F316 HF
3	OTTURATORE - DISC	ASTM A105+13% Cr	A350 LF2+13% Cr	A182 F11+13% Cr	ASTM A182 F316
4	LEVA BATTENTE - HINGE	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
5	RONDELLA - WASHER	CARBON STEEL		ASTM A182 F304	ASTM A182 F316
6	DADO OTTURATORE - DISC NUT	STAINLESS STEEL			
7	SPINA - PIN	STAINLESS STEEL			
8	PERNO - HINGE PIN				ASTM A182 F316
9	SUPPORTO - YOKE	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
10	VITE SUPPORTO - HINGE BOLT				ASTM A182 F316
11	RONDELLA - WASHER				STAINLESS STEEL
12	RONDELLA ELASTICA - SPRING WASHER				STAINLESS STEEL
13	TIRANTI CORPO/COPERCHIO - BODY BONNET BOLTS	ASTM A193 B7	ASTM A320 L7	ASTM A193 B16	ASTM A193 B8
14	GUARNIZIONE C/C - B/B GASKET	d. 150	Corrugated S.S. Graphite		
		d. 300	Spiral Wound Graphite		
		d. 600	Soft Iron	ASTM A182 F316	
15	COPERCHIO - BONNET	ASTM A216 WCB	ASTM A352 LCC	ASTM A217 WC6	ASTM A351 CF8M
16	DADO PER TIRANTI - NUT FOR BOLTS	ASTM A194 2H	ASTM A194 Gr.4	ASTM A194 Gr.4	ASTM A194 Gr.8
17 ¹	GOLFARE - EYE BOLT	CARBON STEEL			
POS.	PART NAME	WCB-13%Cr Trim 8	LCC-13%Cr Trim 8	WC6-13%Cr Trim 8	CF8M-F316 Trim 12

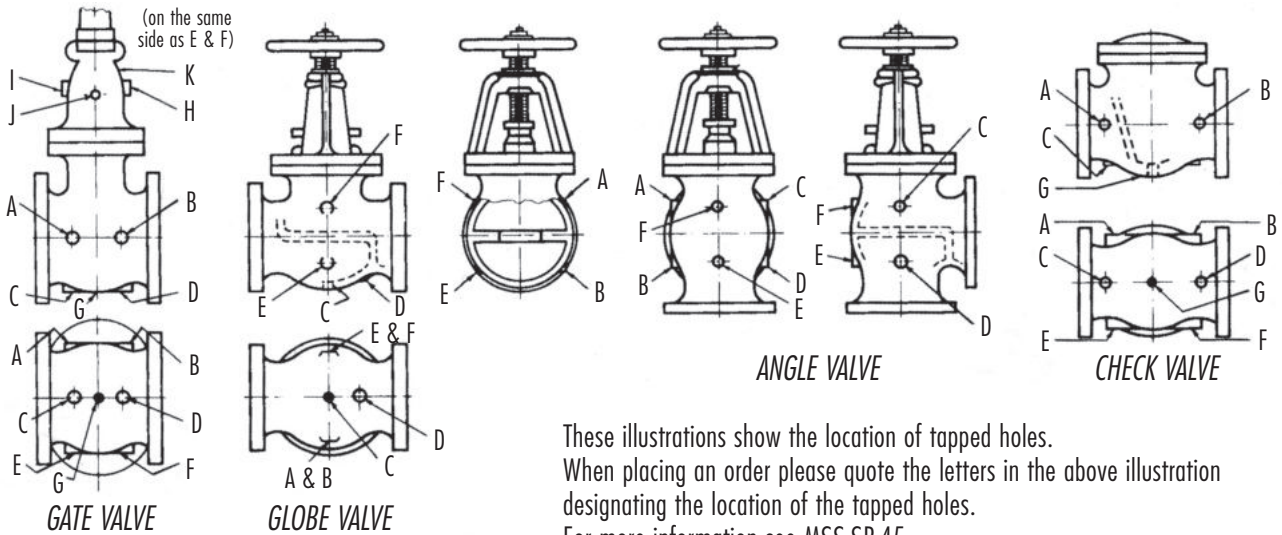
NOTE:

1 - For 5" and larger only.

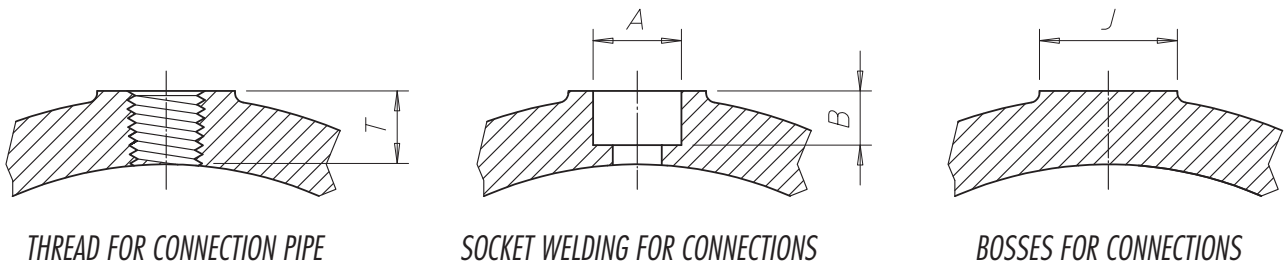


ENGINEERING SPECIFICATIONS

BYPASS & DRAIN CONNECTION



DRAIN & BYPASS DIMENSIONS

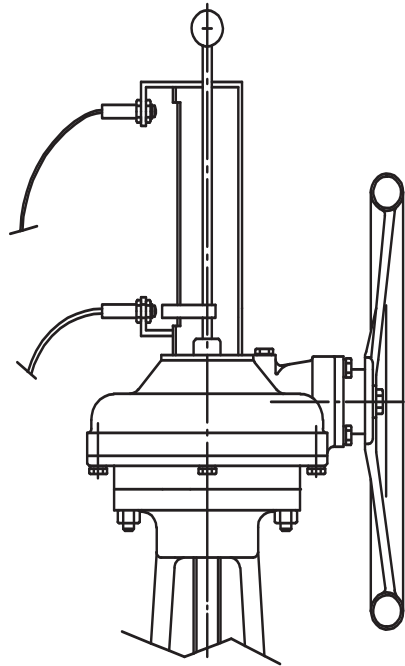


VALVE SIZE	2" to 4"	5" to 8"	10" to 24"
Size of tapping	1/2"	3/4"	1"
Length of thread	T	14	18
Minimum diameter of socket	A	22	34
Minimum depth of socket	B	5	6,5
Diameter of boss	J	38	54

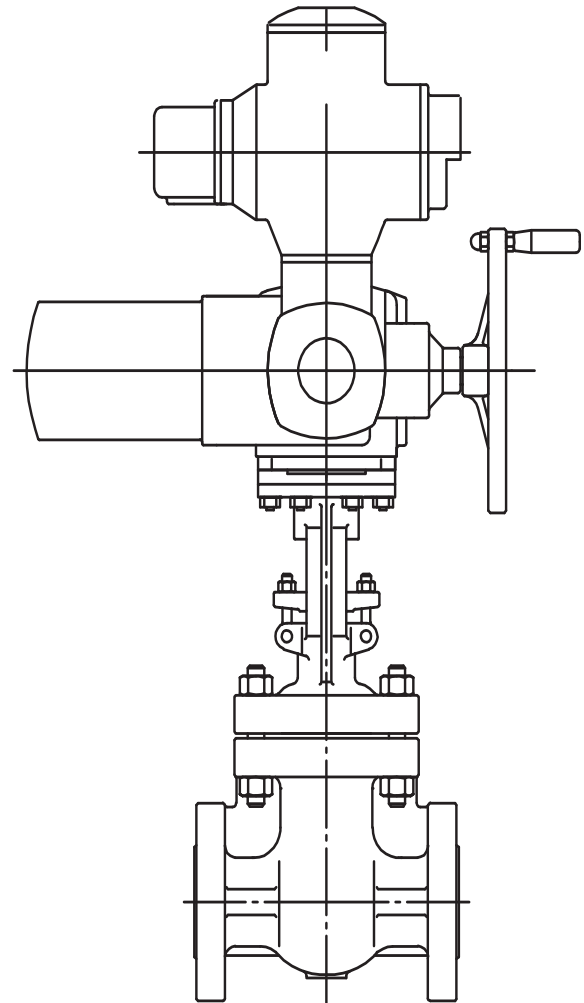
All dimensions given in inches

Bonney Forge valves can be equipped with by-passes which permit equalization of pressure on both sides of the valve. Unless otherwise specified the by-pass arrangement will be furnished on the side of the main valve. By-passes of other types can be made to order. Inquiries should give complete description or drawings. By-pass valves are "Bonney Forge" forged steel bolted-bonnet, outside screw and yoke, socket-weld end globe valves, and materials are suitable for the same service as the main valve.

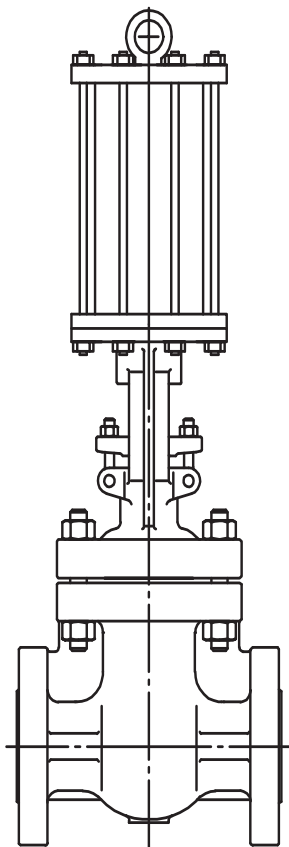
SPECIAL FEATURES



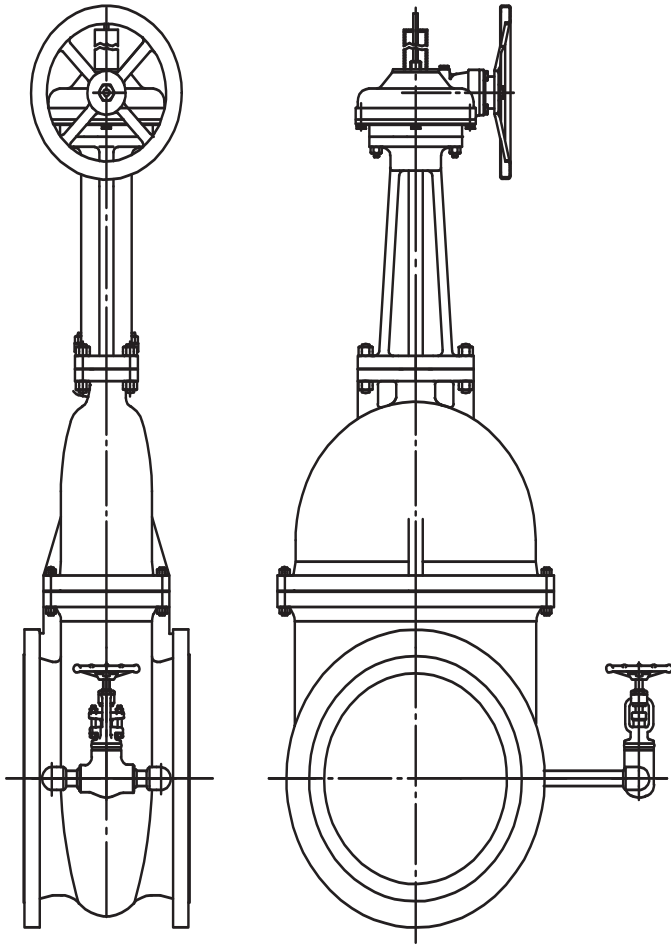
LIMIT SWITCHES IN OPEN AND CLOSE POSITION



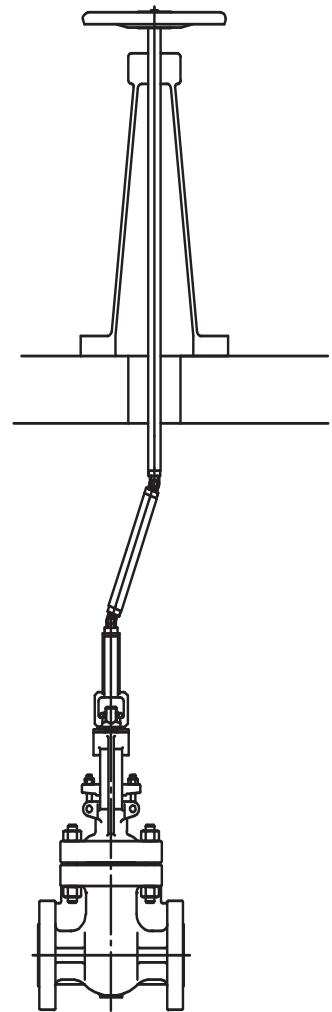
ELECTRIC ACTUATOR



HYDRAULIC OR PNEUMATIC ACTUATOR



BY PASS APPLICATION



FLOOR STAND OPERATION

GENERAL SALE CONDITIONS

QUOTATION VALIDITY

Unless otherwise agreed, quotations are valid for four weeks from date of issue. The delivery terms are always "ex-works" unless otherwise stated. Prices and sale conditions can be changed without any previous notice.

ORDERS ACCEPTANCE

Orders are considered accepted at our general sale conditions clearly mentioned on order acknowledgment.

GOODS DELIVERY

The Company does not accept any responsibility for delays in delivery which are always intended as indicative and not binding. Transport risks are at receiver's charge also in case of CIF delivery.

GUARANTEE

The Company warrants all its products, from material and/or manufacturing defects, to be used as recommended by standards, and in accordance with approved piping practice and technique, for a period of one year from shipping date, unless otherwise agreed. The Company liability covers eventual "free of charge" replacements for defective parts or products, providing it has not failed in the observance of above mentioned conditions and in use in compliance with standards, and, anyway, after return of defective goods. Any other liability, neither objective nor subjective will be accepted.

CLAIMS AND ORDER CANCELLATIONS

Claims will be considered only if made within 10 days from goods receipt. Partial or complete cancellations of order can be accepted only upon previous agreement or by written consent and, however, not later than 15 days from order date. Any controversy will be handled by the Court of Milan.

The material in this catalog is for general information. For specific performance data and proper product selection, consult BFE or your BFE representative. BFE reserves the right to change designs, dimensions or specifications without notice.





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