

PIPELINE GATE VALVES

High Integrity Through Conduit Gate Valves for Pipeline Applications

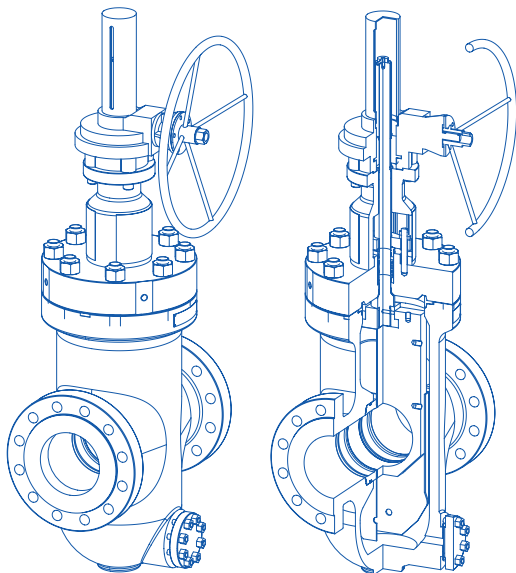




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GENERAL INFORMATION



BEL Valves' reputation as a world leading supplier has been built on the success of the Through Conduit Gate Valve, a product first supplied in the mid-1980s. With thousands of installations throughout all oil and gas bearing regions in the world, the product is synonymous with high performance and reliability.

BENEFITS

- NACE; high corrosive, high and low temperature material options
- Fast closure
- Fire-safe to API 607/ API 6FA
- ISO 9001

APPLICATIONS

BEL Valves' Gate Valve products are used in all major oil and gas applications within the onshore, offshore, surface and subsea markets.

SPECIFICATION

Pressure rating	ANSI 150 to 1,500
Temperature	-46°C to +720°C*
Bore sizes	4" to 56"+
Material options	Carbon steel, low alloy steel, stainless steel. For other materials contact BEL Valves.
Actuation	Manual, hydraulic (FSC, FAI, FSO), electric, pneumatic
Standards	API 6D

* High temperature available upon request

CONFIGURATION

- Cast or fabricated body
- Slab or expanding gates
- Flanged or welded ends
- Rising stem
- Soft or primary metal; secondary soft seated as standard
- Metal seated as option

FEATURES

- Full bore piggable for low pressure loss
- High integrity and reliability

PRODUCT RANGE

SLAB GATE VALVE

Valve diameter (in)	ANSI Class (psi)				
	150	300	600	900	1500
4	▲	▲	▲	▲	▲
6	▲■	▲■	▲■	▲■	▲■
8	▲■	▲■	▲■	▲■	▲■
10	▲■	▲■	▲■	▲■	▲■
12	▲■	▲■	▲■	▲■	▲■
14	▲■	▲■	▲■	▲■	▲■
16	▲■	▲■	▲■	▲■	▲■
18	▲■	▲■	▲■	▲■	▲■
20	▲■	▲■	▲■	▲■	▲■
22	▲■	▲■	▲■	▲■	▲■
24	▲■	▲■	▲■	▲■	▲■
26	▲■	▲■	▲■	▲■	
28	▲■	▲■	▲■	▲■	
30	▲■	▲■	▲■	▲■	
32	▲■	▲■	▲■	▲■	
34	▲■	▲■	▲■	▲■	
36	▲■	▲■	▲■	▲■	
38	▲■	▲■	▲■		
40	▲■	▲■	▲■		
42	▲■	▲■	▲■		
48	▲■	▲■	▲■		
52	▲■	▲■	▲■		
56	▲■	▲■	▲■		
60	▲■	▲■	▲■		

- ▲ Cast body
- Fabricated body



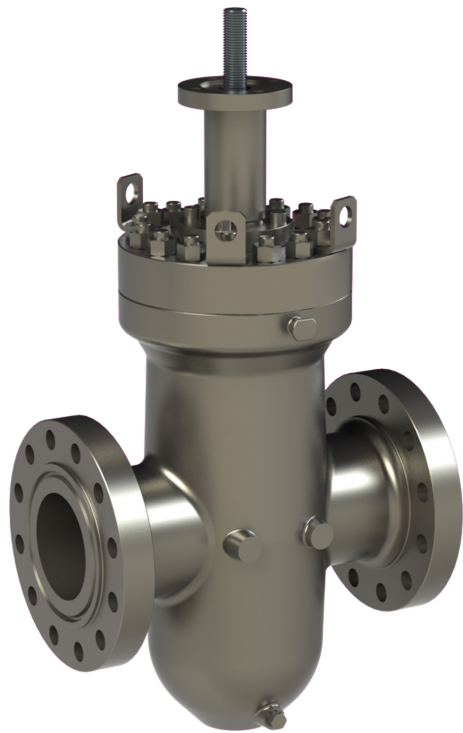
PRODUCT RANGE

DOUBLE EXPANDING GATE VALVE

Valve diameter (in)	ANSI Class (psi)			
	150	300	600	900
4	▲	▲	▲	▲
6	▲	▲	▲	▲
8	▲	▲	▲	▲
10	▲	▲	▲	▲
12	▲	▲	▲	▲
14	▲	▲	▲	▲
16	▲	▲	▲	▲
18	▲	▲	▲	▲
20	▲	▲	▲	▲
22	▲	▲	▲	▲
24	▲	▲	▲	▲
26	▲	▲	▲	
28	▲	▲	▲	
30	▲	▲	▲	
32	▲	▲	▲	
34	▲	▲	▲	
36	▲	▲	▲	

▲ Cast body

For sizes over 36" please contact BEL Valves.



PRODUCT INFORMATION

MAIN APPLICATIONS

Through Conduit Gate Valves are typically used in chemical, petrochemical, oil and gas transmission pipelines, onshore terminals, and offshore platforms.

Typical applications include:

- Mainline block valves
- Tank and station valves
- Manifold valves
- Launcher/receiver valves
- Emergency shut-down valves
- Transmission and distribution pipelines

Through Conduit Gate Valves provide reliable sealing performance and therefore a wide variety of elements, including corrosive fluids, as well as normal liquid and gas, can be used with this product. In instances of severe service, a metal-to-metal seat layout with tungsten carbide coating can be provided. The top-entry construction allows for easy in-line maintenance.

DESIGN FEATURES

All valves are API 6D compliant and can be supplied with the following features:

- Piggable
- Tight shut-off leakage rate at high and low pressures in liquid or gas services
- Fabricated or cast body construction
- Electroless Nickel Plated (ENP) with low-friction coating
- Designed to ASME Boiler and Pressure Vessel Code: section VIII div. 1 and ASME B16.34
- ASME B16.5 and B16.47 'A' type flanges
- Self-relieving seat (Slab Gate only)
- Pressure-energised floating seat (Slab Gate only)
- Double block and bleed with preferred opening direction (soft seated expanding gate)
- In-line maintainable
- Anti-blowout stem
- Sealant injection facility
- Chevron-style low emission stem seal
- Fire-safe to API 607/API 6FA

CONFIGURATIONS AND OPTIONS

Slab and Double Expanding Gate Valves can be customised to the below options:

End type: raised face (RF), ring type joint (RTJ), butt weld (BW) and clamp, other solutions can be supplied upon customer request.

Extended stem: for underground installations, a stem extension or extended bonnet can be provided.

Actuation: hand wheel, multi-turn gear, electric actuators, pneumatic actuators, hydraulic actuator and back seat design (for slab).

Special tooling for in-line maintenance can be provided.

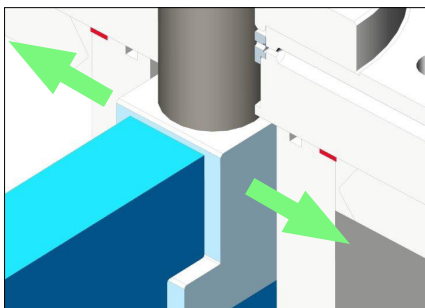


SEALING INFORMATION

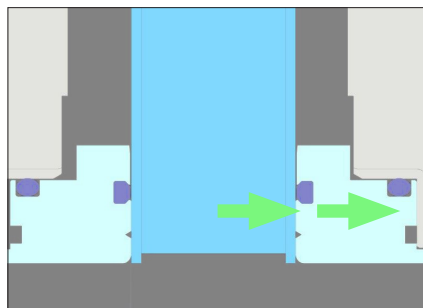
SLAB GATE SEALING MECHANISM

The Slab Gate Valve design ensures sealing at low pipeline pressure through a spring energised seat, which pushes against the slab to create continuous contact. As the pipeline pressure grows, the seat is pushed further against the slab creating an upstream seal through the line, which hydraulically energises the seat by forcing it further against the slab face.

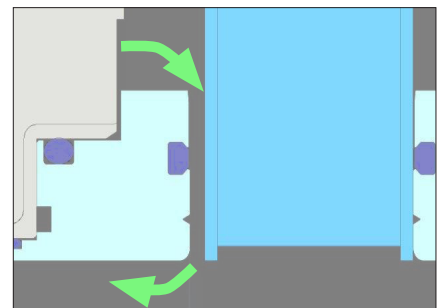
All valves are also equipped with self-relieving seats, an automatic system that avoids overpressure in the body cavity by automatically releasing pressure. The seat layout allows for this inside the pipeline, moving backwards as the pressure in the body cavity increases.



Floating slab



Seat single piston effect

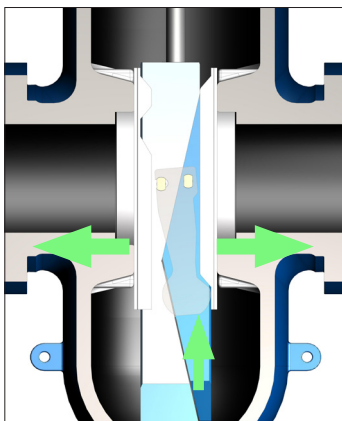


Seat single piston effect - self relieving

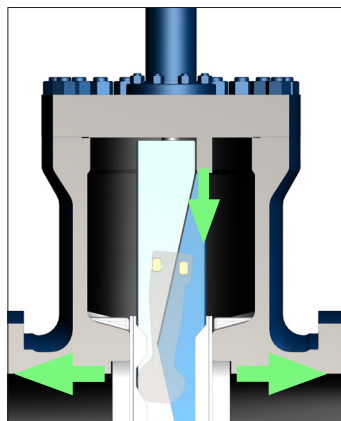
DOUBLE EXPANDING GATE SEALING MECHANISM

Double Expanding Gate Valves achieve a positive seal in both an open and closed position through the mechanical action of the two piece gate.

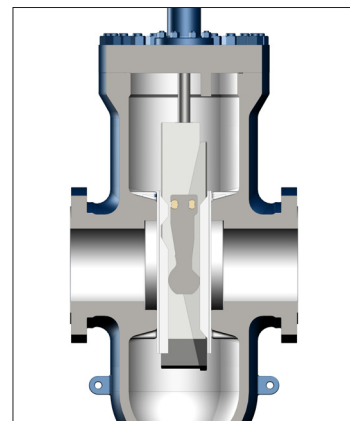
The expanding gate reacts against the gate stop attached to the bonnet (open position) and the bottom of the valve body (closed position). The two pieces of the gate valve slide against each other along an inclined plane, switching the vertical force into a horizontal one, pushing the gate against fixed seats.



Closed position



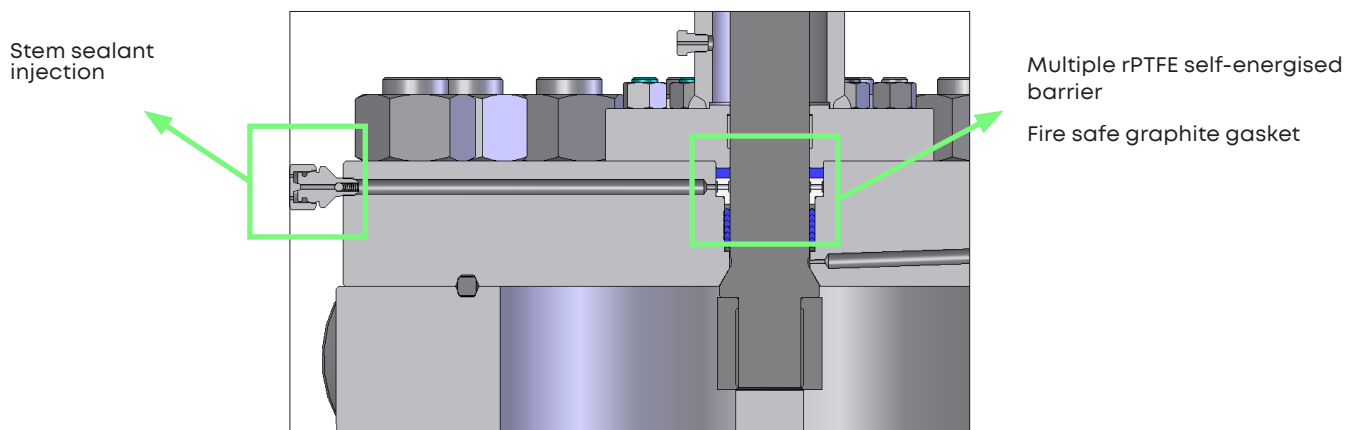
Open position



Full view

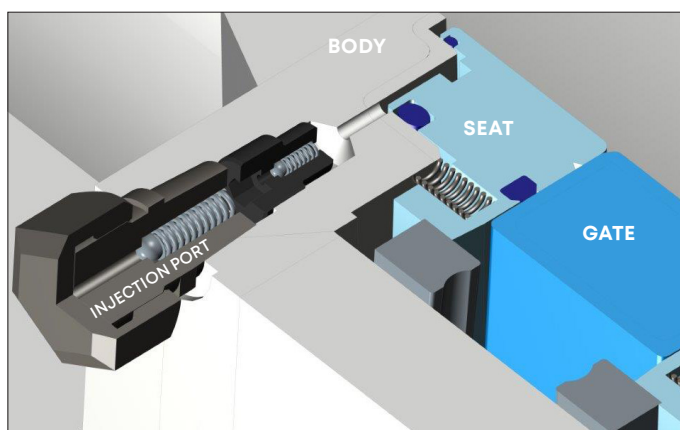
STEM SEALING ARRANGEMENT

The typical stem sealing arrangement is a low fugitive emission type with v-pack as the primary seal and a fire safe gasket as the secondary seal.

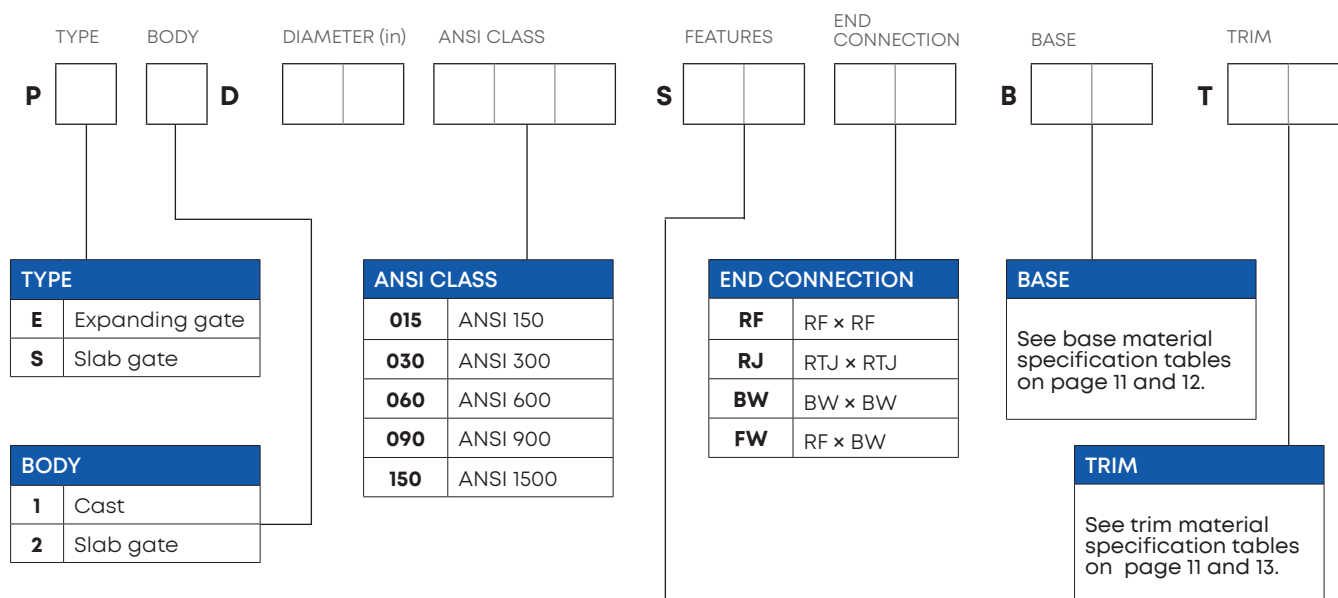


SEAT INJECTION POINTS

Seat injection points are provided for the injection of sealant or lubricant on both Slab Gate and Expanding Gate Valves.



VALVE SERIAL CODE



FEATURES							
		API monogram	Grease injection	Drain	Vent	Pressure relief system	Stem extension
S01	Standard	N	Stem	NPT plug	NPT bleeder	N	N
S02	Standard API	Y	Stem	NPT plug	NPT bleeder	N	N
S03	Full optional	N	Stem and seat	Gate valve	NPT plug	Piping to upstream	N
S04	Full optional API	Y	Stem and seat	Gate valve	NPT plug	Piping to upstream	N
S05	Buried	N	Stem, seat and extension	Extension and gate valve	Extension and NPT bleeder	Piping to upstream	Y
S06	Buried API	Y	Stem, seat and extension	Extension and gate valve	Extension and NPT bleeder	Piping to upstream	Y

MATERIAL SPECIFICATION

SLAB GATE VALVE

BASE AND TRIM MATERIAL CLASS		
Base and trim material code	B01	T01
Body	ASTM A516 Grade 70	
Welding flanges	ASTM A350 LF2	
Bonnet	ASTM A516 Grade 70	
Stem	ASTM A322 Grade 4140 ENP, 17-4PH	
Bolting	ASTM A193 Grade B7, A 194 Grade 2HM, A 193 Grade B7M. A 194 Grade 2HM	
Trim		
Gate	ASTM A516 Grade 70 ENP P355NL2	
Seats	A105/A350-LF2 ENP	
Springs	INCONEL® x-750	
Sealing materials		
Stem packing	PTFE PEEK ELGILOY®	
Seat and bonnet packing	FKM fluoroelastomer (Viton® different grades)	
Plating and coating		
0.001 in	25 µm ENP	
0.003 in	75 µm ENP	
NACE requirements		
On request	Supplied in accordance with NACE MR0175	

MATERIAL SPECIFICATION

DOUBLE EXPANDING GATE VALVE

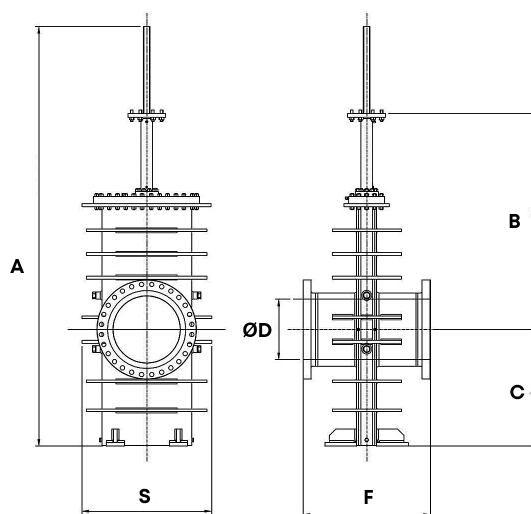
BASE MATERIAL CLASS			
Base material code	BC1	BC2	BC3
Material	Carbon steel	Carbon steel, NACE	Carbon steel, NACE
Temperature range	-19° to 120°C	-19° to 120°C	-46°C to 120°C
Part name			
Body	A216 WCB	A216 WCB	A352 LCC
Bonnet	A350 LF2 cl.1	A350 LF2 cl.1	A350 LF2 cl.1
Drain plug	UNS S31603	UNS S31603	UNS S31603
Yoke	EN10025 S355J2+N	EN10025-2 S355J2+N	EN10025-3 S355NL
Yoke pipe	EN10210-1 S355J2H	EN10210-1 S355J2H	EN10210-1 S355NLH
Yoke operator flange	EN10025 S355J2+N	EN10025-2 S355J2+N	EN10025-3 S355NL
Stem grease fitting	UNS S31603	UNS S31603	UNS S31603
Seat grease fitting	UNS S31603	UNS S31603	UNS S31603
Check valve	UNS S31603	UNS S31603	UNS S31603
Body seal (SWG)	S31600 + graphite	S31600 + graphite	S31600 + graphite
Body stud	A193 B7	A193 B7M	A320 L7M
Body nut	A194 2H	A194 2HM	A194 7M
Operator flange stud	A193 B7 + FeZn	A193 B7 + FeZn	A320 L7 + FeZn
Operator flange nut	A194 2H + FeZn	A194 2H + FeZn	A194 7 + FeZn
Yoke stud	A193 B7	A193 B7M	A320 L7M
Yoke nut	A194 B7	A194 B7M	A194 7M
Bottom cover	A350 LF2 cl.1	A350 LF2 cl.1	A350 LF2 cl.1
Stop gate	A516 70	A516 70	A516 70
Vent bleeder	UNS S31603	UNS S31603	UNS S31603
Drain gate valve body	A350 LF2 cl.1	A350 LF2 cl.1	A350 LF2 cl.1
Drain gate valve trim	A479 S31600	A479 S31600	A479 S31600
Yoke drain plug	UNS S31603	UNS S31603	UNS S31603
Yoke vent bleeder	UNS S31603	UNS S31603	UNS S31603
Bonnet dowel pin	UNS G41400	UNS G41400	UNS G41400
Bonnet screw	A193 B7	A193 B7M	A320 L7M

MATERIAL SPECIFICATION

DOUBLE EXPANDING GATE VALVE

TRIM MATERIAL CLASS			
Trim material code	TC1	TA1	TS1
Material	Carbon steel, NACE	Stainless steel, NACE	Stainless steel, NACE
Temperature range	-19° to 120°C	-19° to 120°C	-46°C to 120°C
Part name			
Gate	A350 LF2 cl.1 mod + ENP V-050-2	A182 F6a cl.2	A182 F316LN mod
Stem	A564 630 H1150D	A564 630 H1150D	A564 630 H1150D
Tee nut	A564 630 H1150D	A564 630 H1150D	A564 630 H1150D
Seat	A350 LF2 cl.1 mod + ENP V-050-1	A182 F6a cl.2 + ENP V-050-1	A182 F316 + ENP V-050-1
Lantern ring	S31603	S31603	S31603
Stem brushing	Nylon	Nylon	Nylon
Seat seal	FKM AED	FKM AED	FKM AED
Seat insert	Nylon	Nylon	Nylon
Stem fire safe gasket	Expanded graphite	Expanded graphite	Expanded graphite
Stem packing	rPTFE + ELGILOY®	rPTFE + ELGILOY®	rPTFE + ELGILOY®
Stem assembly pin	A564 630 H1150D	A564 630 H1150D	A564 630 H1150D
Link arm	A240 S41008 mod	A240 S41008 mod	A240 S31803
Gate guide skirt	EN10025-2 S355J2+N + ENP V-050-1	A240 S31600	A240 S31600
Link arm pin	A564 630 H1150D	A564 630 H1150D	A564 630 H1150D
Obturator gate washer	S31603	S31603	S31603
Obturator gate screw	A193 B8M cl.1	A193 B8M cl.1	A193 B8M cl.1
Spring o-ring	FKM AED	FKM AED	FKM AED

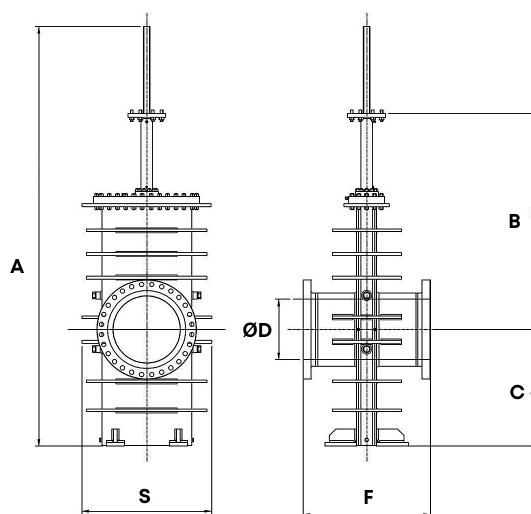
DIMENSIONS AND WEIGHTS FABRICATED SLAB GATE VALVE



ANSI CLASS 150										
in	mm							kg		
Valve diameter	D	A	B	C	F			S	Weight	
					RF	BW	RTJ		BW	RF/RTJ
6	150	1,295	654	329	267	403	279	151	320	344
8	201	1,571	816	401	292	419	305	240	292	310
10	252	1,847	962	496	330	457	343	329	329	347
12	303	2,123	1,082	588	356	502	368	418	427	451
14	334	2,399	1,191	631	381	572	394	507	584	619
16	385	2,675	1,364	706	406	610	419	596	796	849
18	436	2,813	1,437	790	432	660	445	685	1,059	1,136
20	487	3,203	1,619	873	457	711	470	774	1,370	1,477
22	538	3,381	1,739	957	508	762	521	863	1,980	2,200
24	589	3,766	1,931	1,043	508	813	521	952	2,125	2,313
26	633	4,056	2,092	1,116	559	864	-	1,041	2,700	3,000
28	684	4,218	2,163	1,198	610	914	-	1,150	3,034	3,229
30	735	4,638	2,362	1,290	660	914	-	1,219	3,600	4,000
32	779	4,795	2,425	1,352	711	965	-	1,308	4,140	4,600
34	830	5,160	2,673	1,461	762	762	-	1,397	4,680	5,200
36	874	5,320	2,692	1,510	813	1,016	-	1,486	5,103	5,670
40	978	5,988	3,109	1,693	915	1,118	-	1,780	6,417	7,211
42	1,022	6,280	3,204	1,757	965	1,168	-	1,840	7,042	7,946
46	1,118	6,895	3,531	1,940	1,067	1,270	-	1,980	8,315	9,465
48	1,168	7,032	3,591	1,989	1,118	1,321	-	2,016	8,956	10,241

For valve diameters not covered by this table please contact BEL Valves.

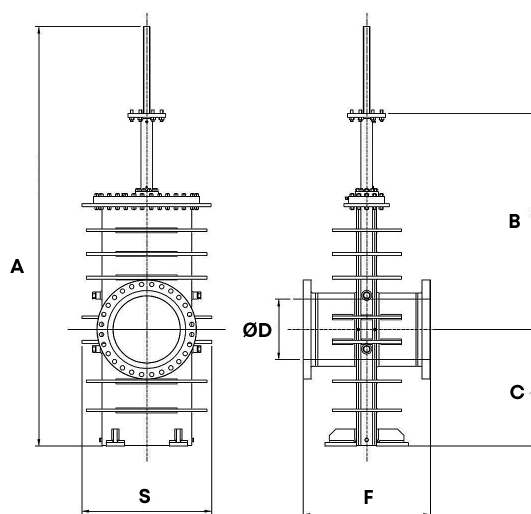
DIMENSIONS AND WEIGHTS FABRICATED SLAB GATE VALVE



ANSI CLASS 300										
in	mm							kg		
Valve diameter	D	A	B	C	F			S	Weight	
					RF	BW	RTJ		BW	RF/RTJ
6	150	1,295	654	329	403	403	419	236	180	200
8	201	1,571	816	401	419	419	435	324	315	350
10	252	1,847	962	496	457	457	473	412	450	500
12	303	2,123	1,082	588	502	502	518	501	521	579
14	334	2,399	1,191	631	762	762	778	589	810	900
16	385	2,675	1,364	706	838	838	854	677	917	1,018
18	436	2,813	1,437	790	914	914	930	842	1,357	1,500
20	487	3,203	1,619	873	991	991	1,010	925	1,711	1,800
22	538	3,381	1,739	957	1,092	1,092	1,114	995	2,127	2,200
24	589	3,766	1,931	1,043	1,143	1,143	1,165	1,075	2,611	2,600
26	633	4,056	2,092	1,116	1,245	1,245	1,270	1,117	2,700	3,000
28	684	4,218	2,163	1,198	1,346	1,346	1,372	1,205	3,150	3,500
30	735	4,638	2,362	1,290	1,397	1,397	1,422	1,293	3,600	4,000
32	779	4,795	2,425	1,352	1,524	1,524	1,553	1,450	4,140	4,600
34	830	5,160	2,673	1,461	1,626	1,626	1,654	1,469	4,680	5,200
36	874	5,320	2,692	1,510	1,727	1,727	1,756	1,610	5,103	5,700
38	925	5,712	2,964	1,613	-	2,032	-	1,646	6,000	7,000
40	976	5,988	3,109	1,693	-	2,083	-	1,734	6,800	8,500
42	1,020	6,280	3,204	1,757	2,007	2,134	-	1,820	10,878	13,422
46	1,137	6,895	3,531	1,940	2,286	2,235	-	2,010	13,902	16,802
48	1,166	7,032	3,591	1,989	2,286	2,286	-	2,080	15,607	18,000

For valve diameters not covered by this table please contact BEL Valves.

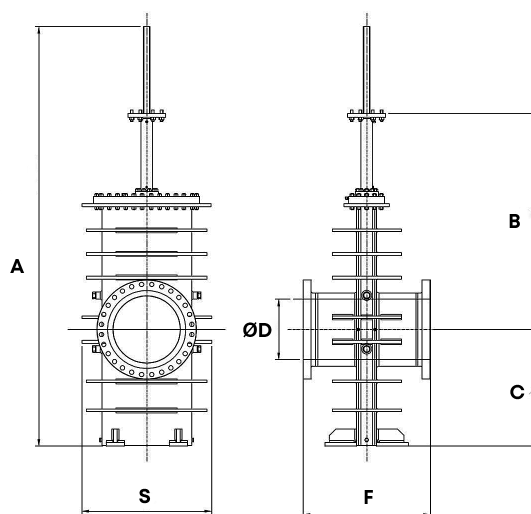
DIMENSIONS AND WEIGHTS FABRICATED SLAB GATE VALVE



ANSI CLASS 600										
in	mm							kg		
Valve diameter	D	A	B	C	F			S	Weight	
					RF	BW	RTJ		BW	RF/RTJ
6	150	1,295	654	329	559	559	562	333	286	335
8	201	1,571	816	401	660	660	664	385	413	492
10	252	1,847	962	496	787	787	791	508	615	732
12	303	2,123	1,082	588	838	838	841	599	816	971
14	334	2,399	1,191	631	889	889	892	664	984	1,171
16	385	2,675	1,364	706	991	991	994	746	1,342	1,598
18	436	2,813	1,437	790	1,092	1,092	1,095	820	1,844	2,195
20	487	3,203	1,619	873	1,194	1,194	1,200	925	3,330	3,128
22	538	3,381	1,739	957	1,295	1,295	1,305	990	4,050	4,500
24	589	3,766	1,931	1,043	1,397	1,397	1,407	1,095	4,400	4,801
26	633	4,056	2,092	1,116	1,448	1,448	1,461	1,187	4,460	5,310
28	684	4,218	2,163	1,198	1,549	1,549	1,562	1,274	6,750	7,500
30	735	4,638	2,362	1,290	1,651	1,651	1,654	1,370	6,938	8,700
32	779	4,795	2,425	1,352	1,778	1,778	1,794	1,418	9,000	10,000
34	830	5,160	2,673	1,461	1,930	1,930	1,946	1,502	10,350	11,500
36	874	5,320	2,692	1,510	2,083	2,083	2,099	1,611	11,790	13,100
40	976	5,988	3,109	1,693	2,388	2,388	-	1,748	15,300	17,000
42	1,020	6,280	3,204	1,757	2,438	2,438	-	1,810	17,073	20,542
46	1,137	6,895	3,531	1,940	2,794	2,794	-	1,990	21,000	26,974
48	1,166	7,032	3,591	1,989	2,794	2,794	-	2,020	23,850	28,681

For valve diameters not covered by this table please contact BEL Valves.

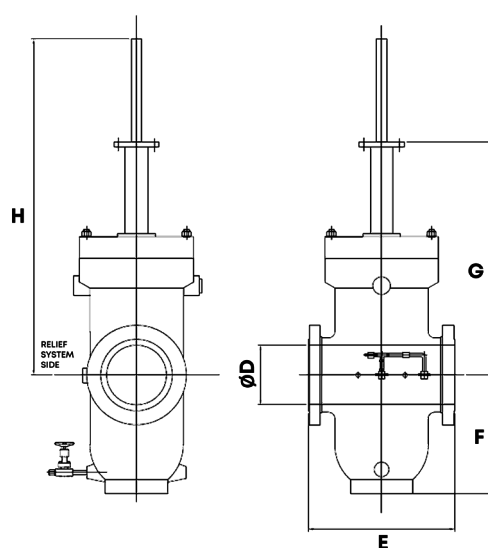
DIMENSIONS AND WEIGHTS FABRICATED SLAB GATE VALVE



ANSI CLASS 900										
in	mm								kg	
Valve diameter	D	A	B	C	F			S	Weight	
					RF	BW	RTJ		BW	RF/RTJ
6	150	1,399	624	327	610	610	613	437	559	588
8	201	1,755	775	409	737	737	740	514	745	784
10	252	2,077	919	476	838	838	841	549	1,024	1,078
12	303	2,439	1,079	556	965	965	968	648	1,397	1,470
14	322	2,630	1,163	606	1,029	1,029	1,038	788	1,862	1,960
16	373	2,946	1,302	684	1,130	1,130	1,140	850	2,514	2,646
18	423	3,324	1,472	766	1,219	1,219	1,232	904	3,212	3,381
20	471	3,635	1,619	837	1,321	1,321	1,334	954	4,165	4,410
22	522	4,028	1,767	936	1,435	1,435	1,448	1,096	5,307	5,586
24	570	4,342	1,922	1,008	1,549	1,549	1,568	1,160	6,631	6,981
26	617	4,664	2,054	1,095	2,032	2,032	-	1,267	8,129	8,653
28	665	5,007	2,166	1,169	2,108	2,108	-	1,358	10,241	10,780
30	712	5,418	2,371	1,261	2,159	2,159	-	1,440	12,838	13,563
36	855	6,099	2,684	1,454	2,337	2,286	-	1,940	15,190	16,500

For valve diameters not covered by this table and ANSI class 1500 data, please contact BEL Valves.

DIMENSIONS AND WEIGHTS DOUBLE EXPANDING GATE VALVE

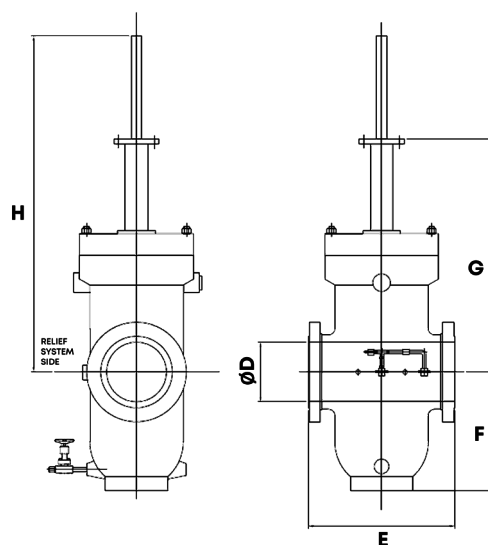


ANSI CLASS 150

in		mm					kg	
Valve diameter	End type	D	E	F	G	H	Weight	Flanges
12	RF	303	502	310	1120	1580	1,270	ASME B16.5
14	RF	334	762	650	1,230	1,740	1,430	ASME B16.5
16	RF	385	838	730	1,370	1,950	1,950	ASME B16.5
18	RF	436	914	820	1,540	1,180	2,730	ASME B16.5
20	RF	487	991	910	1,680	2,410	3,520	ASME B16.5
22	RF	538	1,092	1,000	1,850	2,630	4,580	ASME B16.5
24	RF	589	1,143	1,180	2,060	2,910	5,690	ASME B16.5
28	RF	684	1,346	1,270	2,300	2,980	8,780	ASME B16.47 TYPE A
30	RF	735	1,397	1,352	2,450	3,500	10,860	ASME B16.47 TYPE A
32	RF	779	1,524	1,450	2,586	3,710	13,180	ASME B16.47 TYPE A
36	RF	874	1,727	1,620	2,860	4,230	17,560	ASME B16.47 TYPE A

For valve diameters not covered by this table please contact BEL Valves.

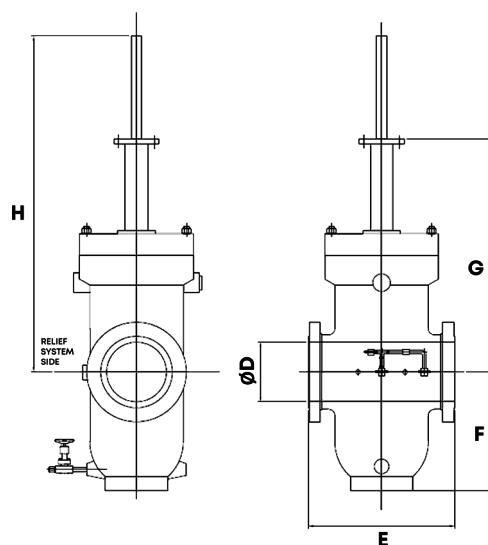
DIMENSIONS AND WEIGHTS DOUBLE EXPANDING GATE VALVE



ANSI CLASS 300								
in		mm					kg	
Valve diameter	End type	D	E	F	G	H	Weight	Flanges
12	RF	303	502	610	1,120	1,580	1,350	ASME B16.5
14	RF	334	762	650	1,230	1,740	1,580	ASME B16.5
16	RF	385	838	730	1,370	1,950	2,160	ASME B16.5
18	RF	436	914	820	1,540	1,180	2,950	ASME B16.5
20	RF	487	991	910	1,680	2,410	3,800	ASME B16.5
22	RF	538	1,092	1,000	1,850	2,630	4,900	ASME B16.5
24	RF	589	1,143	1,180	2,060	2,910	6,000	ASME B16.5
28	RF	684	1,346	1,270	2,300	2,980	9,100	ASME B16.47 TYPE A
30	RF	735	1,397	1,352	2,450	3,500	11,200	ASME B16.47 TYPE A
32	RF	779	1,524	1,450	2,586	3,710	13,550	ASME B16.47 TYPE A
36	RF	874	1,727	1,620	2,860	4,230	18,000	ASME B16.47 TYPE A

For valve diameters not covered by this table please contact BEL Valves.

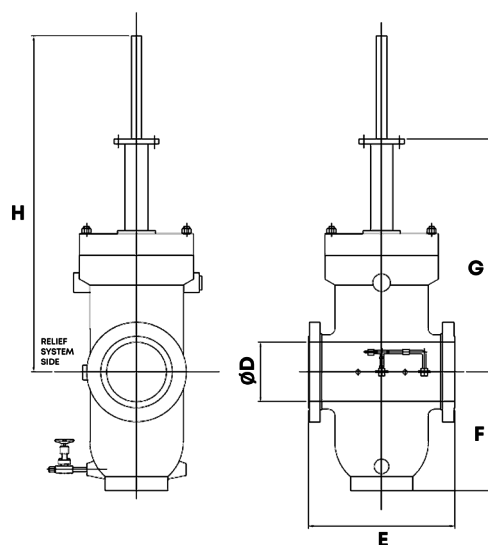
DIMENSIONS AND WEIGHTS DOUBLE EXPANDING GATE VALVE



ANSI CLASS 600								
in		mm					kg	
Valve diameter	End type	D	E	F	G	H	Weight	Flanges
12	RF	303	838	630	1,150	1,600	1,650	ASME B16.5
14	RF	334	889	690	1,240	1,750	2,050	ASME B16.5
16	RF	385	991	790	1,400	1,970	2,800	ASME B16.5
18	RF	436	1,092	890	1,570	2,220	3,950	ASME B16.5
20	RF	487	1,194	980	1,720	2,450	5,000	ASME B16.5
22	RF	538	1,295	1,080	1,900	2,680	6,500	ASME B16.5
24	RF	589	1,397	1,180	2,060	2,910	8,050	ASME B16.5
28	RF	684	1,549	1,360	2,360	3,040	11,450	ASME B16.47 TYPE A
30	RF	735	1,651	1,450	2,530	3,580	14,000	ASME B16.47 TYPE A
32	RF	779	1,778	1,550	2,680	3,810	16,850	ASME B16.47 TYPE A
36	RF	874	2,083	1,740	2,980	4,250	23,750	ASME B16.47 TYPE A

For valve diameters not covered by this table please contact BEL Valves.

DIMENSIONS AND WEIGHTS DOUBLE EXPANDING GATE VALVE



ANSI CLASS 900								
in		mm					kg	
Valve diameter	End type	D	E	F	G	H	Weight	Flanges
12	RF	303	965	656	1,227	1,750	2,390	ASME B16.5
14	RF	322	1,029	696	1,306	1,849	2,890	ASME B16.5
16	RF	373	1,130	777	1,466	2,062	3,940	ASME B16.5
18	RF	423	1,219	881	1,629	2,280	5,330	ASME B16.5
20	RF	471	1,321	952	1,820	2,524	7,100	ASME B16.5
24	RF	570	1,549	1,136	2,119	2,924	11,610	ASME B16.5

For valve diameters not covered by this table please contact BEL Valves.

ABOUT BEL VALVES

BEL Valves designs and manufactures high integrity valves for surface and onshore applications. We have over 50 years of expertise, supplying a number of solution led design firsts. BEL Valves continues to maintain a clear focus on developing solutions, innovations and technology through early project engagement, supported from commercial offices worldwide and manufacturing facilities in Newcastle upon Tyne and Milan.

GLOBAL PRESENCE



NEWCASTLE

BEL Valves' integrated production facility in Newcastle upon Tyne offers design, assembly, testing, after market services and training.

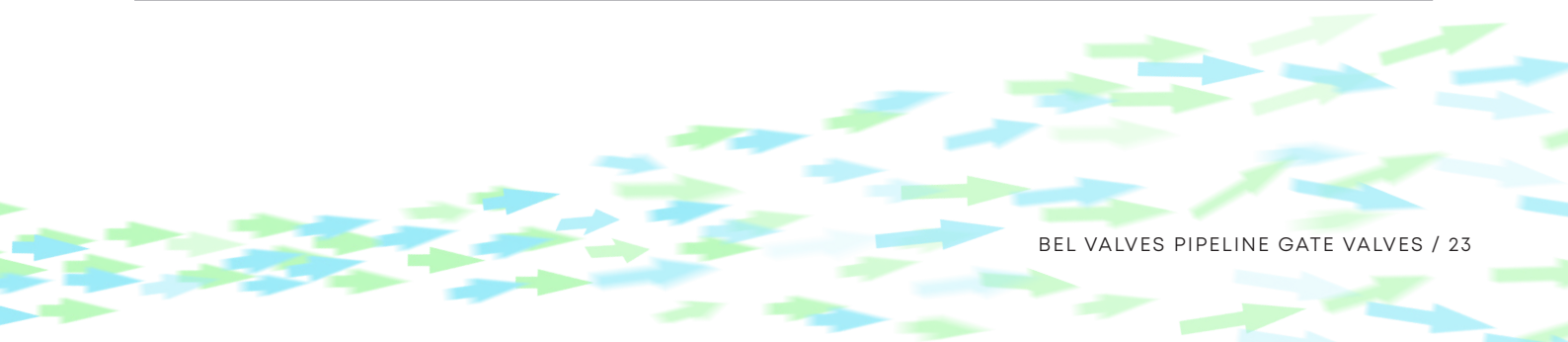
- ➔ 54,300m² total site area
- ➔ 4,240m² total office area

MILAN

The BEL Valves' facility in Milan is a centre of excellence for the production of surface equipment for downstream, midstream and upstream applications.

- ➔ 5,500m² plant
- ➔ 20 to 60 ton lifting capacity

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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