

Swivdisc® Gate Valves

- Integral Gland Wrench
- In Line Repairable
- Adaptable for Air or Motor Actuators

The Conval CLAMPSEAL® Swivdisc Gate Valve delivers performance at the standard set by the legendary CLAMPSEAL® Globe Valve.

The Swivdisc wedge gate design employs a flexible disc face which permits the seating surfaces to achieve perfect alignment, establishing a leak tight seal not possible with standard wedge gates.

The simple and effective CLAMPSEAL® pressure seal bonnet provides ready access for servicing with no welds to cut or seal rings or gaskets to replace. The body-to-bonnet joint integrity is maintained through countless thermal cycles.

The Conval packing system delivers the best performance available. The one-piece gland with integral gland wrench is readily adjustable at anytime. Repacking can be accomplished by swapping the bonnet-chamber with the fresh pre-packed unit. The fine finish of the stem and chamber combines with high performance graphite packing to ensure long packing service life.

Selection of the CLAMPSEAL® Swivdisc is a commitment to quality and best value.

Conval's Swivdisc is the gate valve of choice when performance must be assured in the most demanding services.

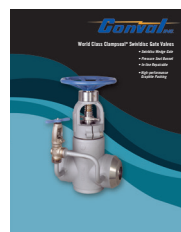


Based on real-life experience, more HRSG maintenance supervisors and planners are choosing to replace original lower-quality, foreign-made valves with new Conval valves, including Swivdisc gate valves. If the original valves are actuated, Conval can match the footprint of the actuator for easy replacement.

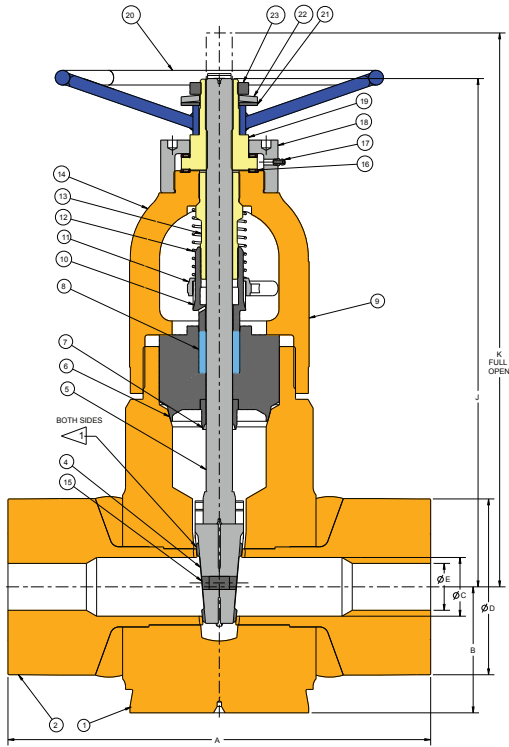
Swivdisc Gate Valve with bypass



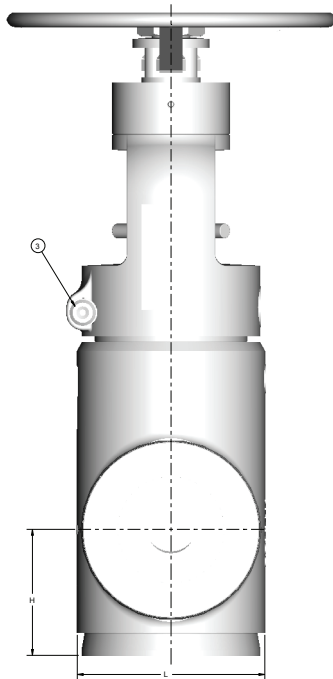
- **Swivdisc gate**
- **Pressure Seal Bonnet**
- **High Performance Graphite Packing**
- **One Piece Gland**
- **Unobstructed, Full Port Flow**



**See product brochure
for more details.**



NO.	NAME	QTY	MATERIALS			
1	BODY	1	ASME SA-216 Gr. WCB	ASME SA-217 Gr. WC9	ASTM A217 Gr. C12A	ASME SA-351 Gr. CF8M
2	HUB	2	ASME SA-696 Gr. C	ASME SA-182 Gr. F22 Class 3	ASME SA-182 Gr. F91	ASME SA-479 Type 316
SEAT OVERLAY ON ALL HUBS: COBALT ALLOY #6						
3	DISC	1	UNS R31233	UNS R31233	UNS R31233	ASME SA-479 Type 316
4	GATE	1	UNS R31233	UNS R31233	UNS R31233	ASME SA-351 Gr. CF8M
5	STEM	1	ASME SA-479 Type XM-19H			
6	BONNET BACKSEAT	1	UNS S21800			
7	BONNET CHAMBER	1	ASME SA-479 Type 410	ASME SA-479 Type 410	ASME SA-479 Type 410	ASME SA-479 Type XM-19H
8	PACKING SET	1	HIGH DENSITY GRAPHITE			
9	NAME PLATE	1	ASME SA-240 Type 304			
10	GLAND	1	ASTM A582 Type 416	ASTM A582 Type 416	ASTM A582 Type 416	ASME SA-479 Type 316
11	GLAND WRENCH	1	ASME 5360			
12	SPRING	1	MFG. STANDARD			
13	YOKE BUSHING	1	ASME SB-150			
14	YOKE	1	ASME SA-216 Gr. WCB Or ASME SA-105	ASME SA-217 Gr. WC9 Or ASME SA-182 Gr. F22 Class 3	ASME SA-217 Gr. WC9 Or ASME SA-182 Gr. F22 Class 3	ASME SA-351 Gr. CF8M Or ASME SA-182 Gr. F316
15	CLAMP BOLT	1	ASME SA-193 Gr. B8M			
16	GREASE FITTING	1	Commercial			
17	BEARING SET	2	Commercial			
18	BEARING CAP	1	MFG. STANDARD	MFG. STANDARD	MFG. STANDARD	ASME SA-479 Type 316
19	STEM NUT	1	ASME SB-150			
20	PAINTED HANDWHEEL	1	MFG. STANDARD			
21	FLAT WASHER	1	MFG. STANDARD			
22	SPRING WASHER	1	Commercial			
23	JAM NUT	1	MFG. STANDARD	MFG. STANDARD	MFG. STANDARD	ASME SA-479 Type 316

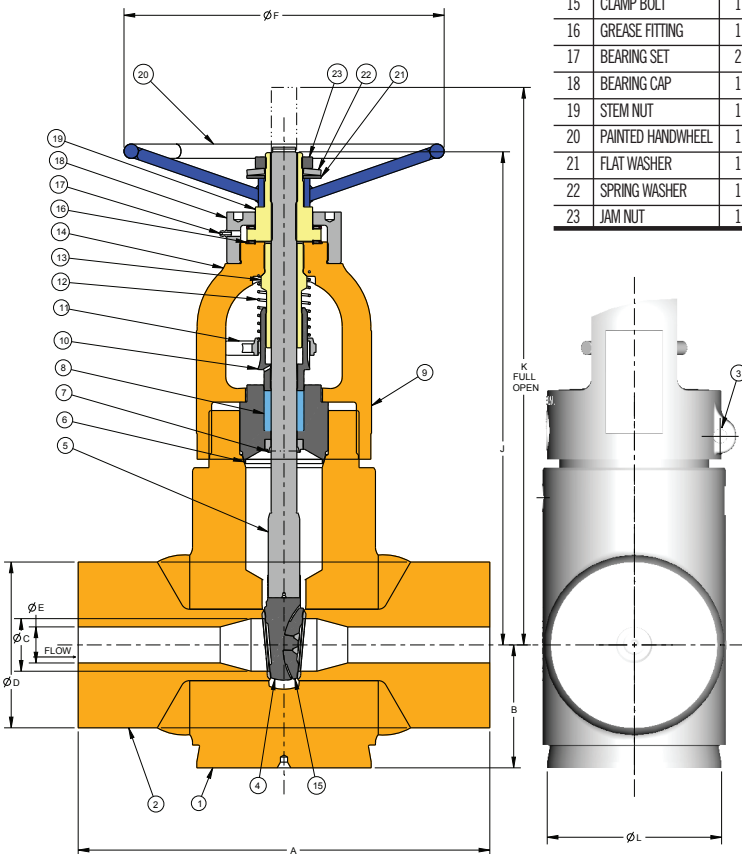


Pressure Class	Size Code	Pipe Size	Valve Outline Dimensions									Cv	Kv	WT
			A	B	C	D	E	F	J	K	L			
1500	2E	1/2	5 1/2	1 3/4	0.815	2 1/16	0.466	6	10 1/16	11	2 7/8	15	15	
		15	140	44	21	52	12	152	44	256	274	13	6.8	
	2E	3/4	5 1/2	1 3/4	0.815	2 1/16	0.612	6	10 1/16	11	2 7/8	25	15	
		20	140	44	21	52	16	152	256	274	73	22	6.8	
	2E	1	5 1/2	1 3/4	0.815	2 1/16	0.815	6	10 1/16	11	2 7/8	45	15	
		25	140	44	21	52	21	152	256	274	73	39	6.8	
1500	3G	1 1/2	7	2 1/8	1.338	3	1.338	8	13 5/8	15 3/16	3 1/2	124	48	
		40	178	54	34	76	34	203	397	386	95	107	21.8	
	4J	2	8 1/2	2 7/8	1.689	3 3/4	1.689	10	16 5/8	18 3/8	4 3/4	200	62	
		50	216	73	43	95	43	254	422	467	120	173	28.1	
	6N	3	12	4	2.624	5 1/4	2.624	14	19 5/8	22 3/4	7	535	150	
		80	305	102	67	133	67	356	498	578	178	463	68	
2500	2D	1/2	7 5/16	1 3/4	0.599	2 5/32	0.252	6	7 15/16	10 13/16	2 7/8	4	18	
		15	186	44	15	55	6	152	202	275	73	4	8.2	
	2D	3/4	7 5/16	1 3/4	0.599	2 5/32	0.434	6	7 15/16	10 13/16	2 7/8	12	18	
		20	186	44	15	55	11	152	202	275	73	10	8.2	
	2D	1	7 5/16	1 3/4	0.599	2 5/32	0.599	6	7 15/16	10 13/16	2 7/8	23	18	
		25	186	44	15	55	15	152	202	275	73	20	8.2	
	3F	1 1/2	9 1/8	2 1/8	1.100	3	1.100	8	11 5/16	14 13/16	3 1/2	81	38	
		40	232	54	28	76	28	203	287	376	89	70	17.2	
2500	4H	2	11	2 7/8	1.503	3 3/4	1.503	10	16 1/4	18 1/8	4 3/4	157	65	
		50	279	73	38	95	38	254	413	460	121	136	29.5	
	5K	2 1/2	13	4	2.300	5 1/8	1.771	14	19 3/16	22 7/16	7	225	120	
		65	330	102	58	130	45	356	487	570	178	195	54.4	
	6M	3	14 1/2	4	2.300	5 1/8	2.300	14	19 3/16	22 7/16	7	405	170	
		80	368	102	58	130	58	356	487	570	178	350	77.1	
4095	8M	4	18	5 3/8	2.302	7 1/4	1.580	14	22 9/16	25 3/8	8	400	400	
	100	457	137	58	184	40	356	573	645	203	346	181		

Numbers shown in Black indicate dimensions in inches, weight in pounds. Numbers shown in blue indicate dimensions in mm.

OTHER MATERIALS AVAILABLE UPON REQUEST

NO.	NAME	QTY	MATERIALS			
1	BODY	1	ASME SA-216 Gr. WCB	ASME SA-217 Gr. WC9	ASTM A217 Gr. C12A	ASME SA-351 Gr. CF8M
2	HUB	2	ASME SA-696 Gr. C	ASME SA-182 Gr. F22 Class 3	ASME SA-182 Gr. F91	ASME SA-479 Type 316
			SEAT OVERLAY ON ALL HUBS: COBALT ALLOY #6			
3	PIN	1	ASME SA-696 Gr. C	ASME SA-182 Gr. F22 Class 3	ASME SA-182 Gr. F91	ASME SA-479 Type 316
4	GATE HALF	2	ASME SA-216 Gr. WCB	ASME SA-217 Gr. WC9	ASME SA-217 Gr. WC9	ASME SA-240 Type 316
			OVERLAY ON EACH GATE HALF: COBALT ALLOY #6			
5	STEM	1	ASME SA-479 Type XM-19H			
6	BONNET BACKSEAT	1	UNS S21800			
7	BONNET CHAMBER	1	ASME SA-479 Type 410	ASME SA-479 Type 410	ASME SA-479 Type 410	ASME SA-479 Type XM-19H
8	PACKING SET	1	HIGH DENSITY GRAPHITE			
9	NAME PLATE	1	ASME SA-240 Type 304			
10	GLAND	1	ASTM A582 Type 416	ASTM A582 Type 416	ASTM A582 Type 416	ASME SA-479 Type 316
11	GLAND WRENCH	1	ASME 5360			
12	SPRING	1	MFG. STANDARD			
13	YOKE BUSHING	1	ASME SB-150			
14	YOKE	1	ASME SA-216 Gr. WCB	ASME SA-217 Gr. WC9 Or	ASME SA-217 Gr. WC9 Or	ASME SA-351 Gr. CF8M
			Or ASME SA-105	ASME SA-182 Gr. F22 Class 3	ASME SA-182 Gr. F22 Class 3	Or ASME SA-182 Gr. F316
15	CLAMP BOLT	1	ASME SA-193 Gr. B8M			
16	GREASE FITTING	1	Commercial			
17	BEARING SET	2	Commercial			
18	BEARING CAP	1	MFG. STANDARD	MFG. STANDARD	MFG. STANDARD	ASME SA-479 Type 316
19	STEM NUT	1	ASME SB-150			
20	PAINTED HANDWHEEL	1	MFG. STANDARD			
21	FLAT WASHER	1	MFG. STANDARD			
22	SPRING WASHER	1	Commercial			
23	JAM NUT	1	MFG. STANDARD	MFG. STANDARD	MFG. STANDARD	ASME SA-479 Type 316



Pressure Class	Size Code	Pipe Size	Valve Outline Dimensions										Cv	Kv	WT
			A	B	C	D	E	F	J	K	L				
1500	8R	4	16	5 3/8	3.438	6 3/4	3.438	14	21 9/16	26	7 1/2	958	220		
		100	406	137	87	171	87	356	548	660	191	829	100		
3500	8N	4	16	5 3/8	2.875	7 1/2	1.500	14	21 11/16	24 9/16	8	530	540		
		100	406	137	73	190	38	356	551	624	203	459	245		