



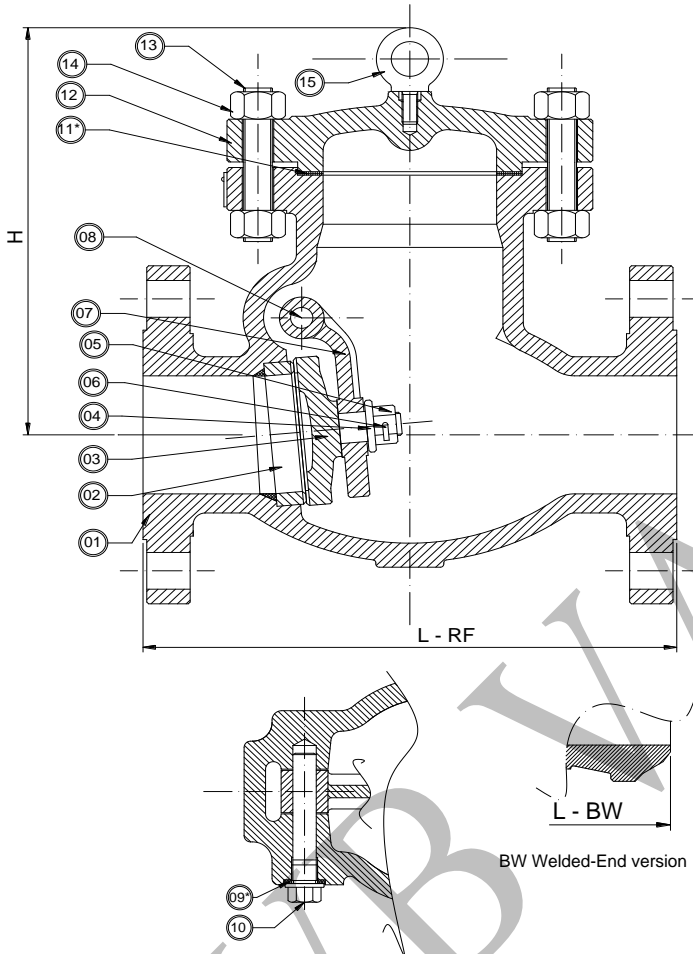
# CVB VALVES S.R.L.

Via dell'Industria, 24 – 20020 Arconate (MI) - Italy  
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300 Lbs

## CAST STEEL SWING CHECK VALVES

CVB-SWC-002



### BASIC DESIGN STANDARDS

**Basic Design** BS 1868 / ANSI B16.34  
**Face to Face Dimension** ANSI B16.10  
**Flanges** Up to 24" ANSI B16.5  
 From 26" MSS SP44  
 ANSI B16.47 API 605  
**Butt-weld ends** ANSI B16.25  
**Testing** API 598

### STANDARD DESCRIPTION

- Flow direction is stamped on body
- Bolted Cover Joint
- Welded Seat Ring
- Lifting Eyebolt from 30 Kg and heavier
- Suitable for vertical & horizontal installation
- Special features according to Customer's requirement
- Available accessories:
  - Outside lever with counter weight
  - Shock absorber (pneumatic cylinder)
  - Limit switch

### TEST PRESSURE TO API 598 Psi/bar

Shell (water)	Seat (water)	Seat (air)
1100 / 76	800 / 55	80 / 5,5

\* Recommended Spare Parts

		TRIM NUMBER AS PER API 600								
No	Part Name	1	2	8	5	9	10	12	16	
02	Seat Ring	410	304	STL Gr.6	STL Gr.6	MONEL	316	STL Gr.6	STL Gr.6	
03	Disc			410	STL Gr.6			STL Gr.6		
04	Washer									
05	Disc Nut									
06	Pin			410	410				316	316
08	Disc Pin									
10	Plug									



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### BILL OF MATERIALS STANDARD ACCORDING TO ASTM

No	Part Name	Carbon Steel		Alloy Steel		Stainless Steel			
		WCB	LCB	WC6	C5	CF8	CF8M	CF3	CF3M
01	Body	A216 WCB	A352LCB	A217WC6	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
07	Disc Hinge	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
12	Cover	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
13	Bonnet Bolts	A193-B7	A320-L7	A193-B16		A193-B8			
14	Bonnet Nuts	A194-2H	A194-4	A194-4		A194-8			
11	Body / Cover Gasket	304 SS + Graphite inhibited							
09	Plug gasket	304 SS + Graphite inhibited							
15	Lifting Eyebolt	Iron Steel							

SIZE		DIMENSION in mm			WEIGHT
Inches	mm	L (RF)	L (BW)	H	Kg
2"	50	267	267	180	21
2-1/2"	65	292	292	180	35
3"	80	318	318	210	43
4"	100	356	356	270	61
6"	150	444	444	360	131
8"	200	533	533	370	213
10"	250	622	622	385	384
12"	300	711	711	440	449
14"	350	838	838	520	680
16"	400	864	864	550	840
18"	450	978	978	590	1025
20"	500	1016	1016	615	1320
22"	550	1118	1118	825	-
24"	600	1346	1346	630	1960

For Face-to-Face dimension L (RTJ), add +16 mm from size 2" up to 18"  
 add +19 mm for size 20", add +22 mm for sizes 22" and 24"

**CAST STEEL SWING CHECK VALVES CLASS 300#**