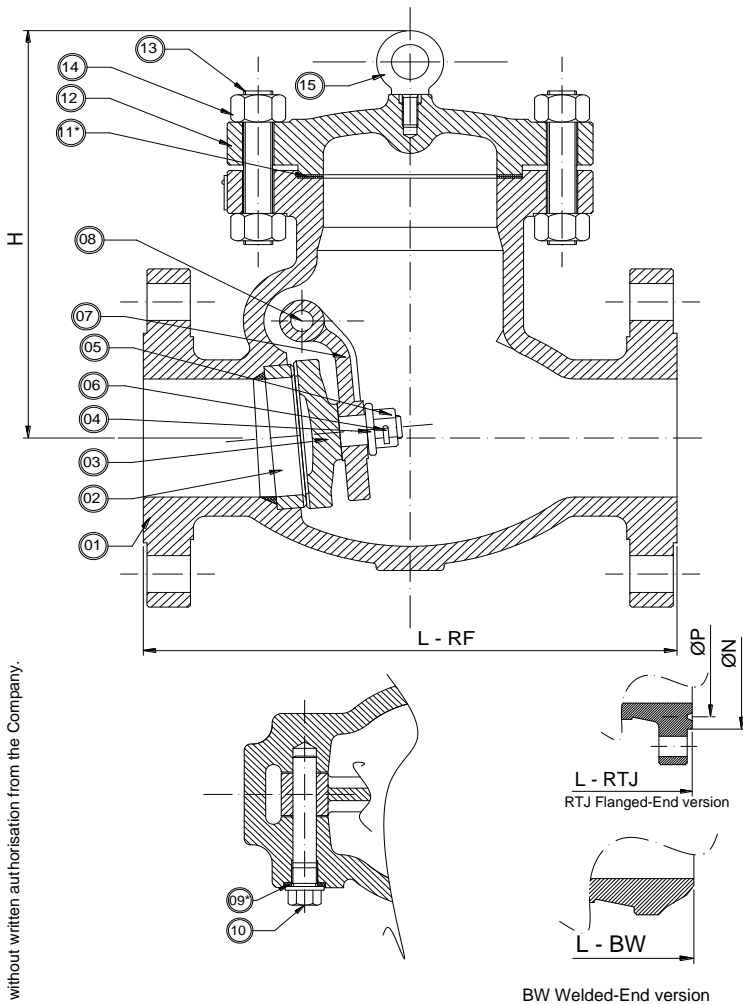


CAST STEEL SWING CHECK VALVES

600 Lbs

DT-CSV-001



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 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)
2175 / 150	1600 / 110	80 / 5.5

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* Recommended Spare Parts

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

		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							

CAST STEEL SWING CHECK VALVES

600 Lbs

SIZE		DIMENSION in mm			WEIGHT
Inches	mm	L (RF)	L (BW)	H	Kg
2"	50	292	292	230	36
2-1/2"	65	330	330	250	42
3"	80	356	356	270	68
4"	100	432	432	330	111
5"	125	508	508	390	178
6"	150	559	559	430	230
8"	200	660	660	510	416
10"	250	787	787	600	670
12"	300	838	838	640	875
14"	350	889	889	680	940
16"	400	991	991	760	1220

For Face-to-Face dimension L (RTJ), add +3 mm from size 2" up to 16"

CAST STEEL SWING CHECK VALVES CLASS 600#