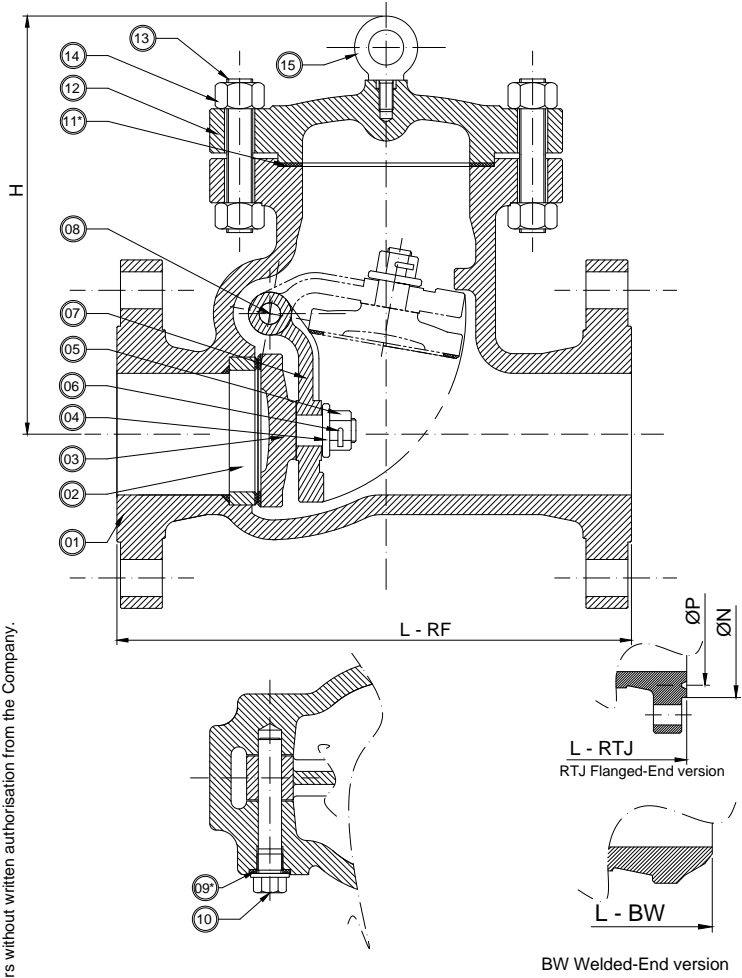


# CAST STEEL SWING CHECK VALVES

**600 Lbs**

**DT-CSV6D-600**



**BASIC DESIGN STANDARDS**

**Basic Design**     API 6D / 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 / API 6D

**STANDARD DESCRIPTION**

- Full Opening
- Flow direction is stamped on body
- Bolted Cover Joint
- Welded Seat Ring
- Lifting Eyebolt from 30 Kg and heavier
- 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

**\* Recommended Spare Parts**

No	Part Name	TRIM NUMBER AS PER API 600							
		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							

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# 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	40
3"	80	356	356	270	60
4"	100	432	432	310	103
6"	150	559	559	400	230
8"	200	660	660	460	355
10"	250	787	787	580	627
12"	300	838	838	620	790
14"	350	889	889	660	820
16"	400	991	991	710	1400

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

**CAST STEEL SWING CHECK VALVES CLASS 600#**