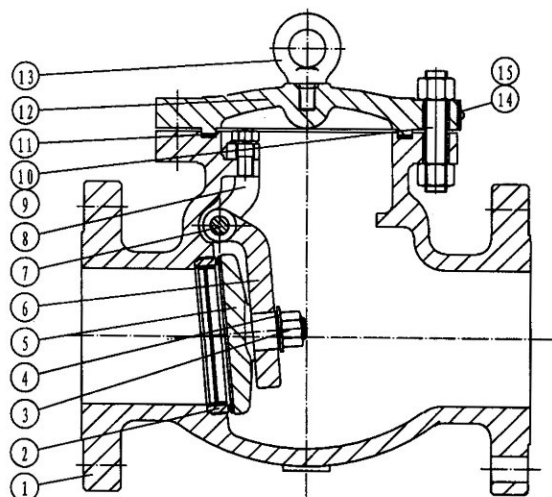


CHECK VALVE



TRIM MATERIAL TO API 600

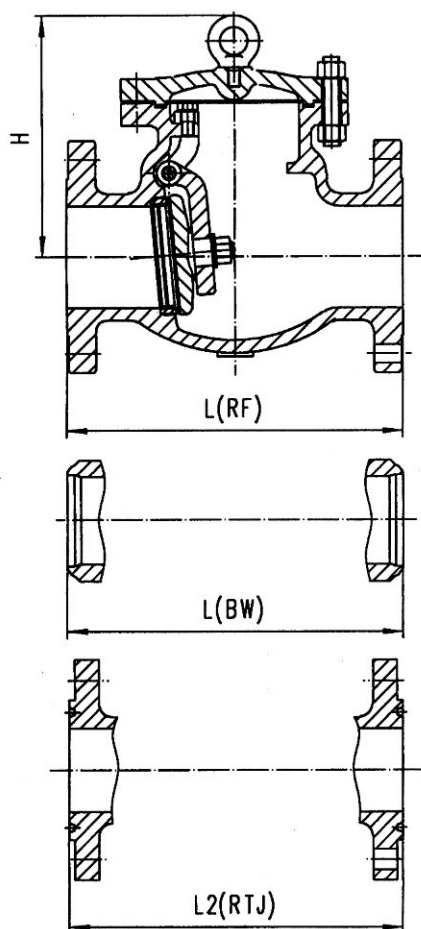
Seating code	Seat Ring Surface Part No.2	Disc Seat Part No.3	Hinge Pin Part No.13
1	F6	F6	F6
2	F304	F304	F304
5	Stellite	Stellite	F6
8	Stellite	F6	F6
9	Monel	Monel	Monel
10	F316	F316	F316
13	Alloy20	Alloy20	Alloy 20

STANDARD MATERIAL SPECIFICATIONS

No.	Part Name	Carbon steel to ASTM		Alloy Steel to ASTM			Stainless Steel to ASTM			
		WCB	LCB	WC6	WC9	C5	CF8	CF8M	CF3	CF3M
1	Body	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Seat Ring	A105	A350 LF2	A182 F11	A182 F22	A182 F5	A182 F304	A182 F316	A182 F304L	A182 F316L
3	Disc Nut	A182 F6		A182 F304			A182 F304	A182 F316	A182 F304L	A182 F316L
4	Disc washer	A182 F6		A182 F304			A182 F304	A182 F316	A182 F304L	A182 F316L
5	Disc	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351CF3	A351 CF3M
6	Hinge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
7	Hinge Pin	A182 F6		A182 F304			A182 F304	A182 F316	A182 F304L	A182 F316L
8	Yoke	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
9	Bonnet nut	A194 2H	A194 4	A194 7			A194 8			
10	Bonnet bolt	A193 B7	A320 L7	A193 B16			A193 B8			
11	Gasket	SS Spiral Wound / graphite or SS Spiral Wound / PTFE								
12	Cover	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
13	Hook Screw	Steel								
14	Nameplate	Stainless steel or Aluminum								
15	Rivet	Stainless steel or Aluminum								

Other materials (Alloy 20 , AISI 321 , ASI 347 , Monel , Hastelloy , etc) are available on request.

CLASS 150 CHECK VALVE



Bolted Cover, Swing Type Disc,
Threaded or Welded Seat Ring

STANDARDS COMPLIANCE:

Basic Design: BS1868

Face to Face Dimension: ANSI B16.10

End to End Dimension: ANSI B16.10

Flanged End :

2"~24" to ANSI B16.5

> 24 : to MSS SP-44

to API 605 on request

B.W. Ends to ANSI B16.25

Manufacturing to NACE MR-01-75 on request

TEST PRESSURE TO API 598

BODY Material	SHELL TEST (Hydrostatic)	SEAT TEST (Hydrostatic)	SEAT TEST (air)
WCB	450 psig	315 psig	80 psig
WC6	450 psig	319 psig	80 psig
CF8M	425 psig	303 psig	80 psig

DIMENSIONS

NPS	IN	2	2 ¹ / ₂	3	4	5	6	8	10	12	14	16	18	20	24	30	36
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	750	900
L-L1	IN	8	8 ¹ / ₂	9 ¹ / ₂	11 ¹ / ₂	13	14	19 ¹ / ₂	24 ¹ / ₂	27 ¹ / ₂	31	34	38 ¹ / ₂	38 ¹ / ₂	51	60	77
(RF-BW)	mm	203	216	241	292	330	356	495	622	698	787	864	978	978	1295	1524	1955
L2	IN	8 ¹ / ₂	9	10	12	13 ¹ / ₂	14 ¹ / ₂	20	25	28	31 ¹ / ₂	34 ¹ / ₂	39	39	51 ¹ / ₂	60 ¹ / ₂	77 ¹ / ₂
(RTJ)	mm	216	229	254	305	343	368	508	635	711	800	876	991	991	1308	1537	1968
H	IN	5 ⁷ / ₈	6 ⁵ / ₈	7 ¹ / ₁₆	8 ¹ / ₄	9 ¹ / ₁₆	10 ¹³ / ₁₆	13 ³ / ₈	14	16 ¹ / ₈	18 ¹¹ / ₁₆	21 ³ / ₄	23 ⁵ / ₈	26	29 ¹ / ₈	38 ⁵ / ₈	40 ³ / ₄
(OPEN)	mm	150	168	180	210	230	275	340	355	410	475	552	600	660	740	980	1035
WT	RF	17	21	29	42	69	74	108	177	282	372	570	665	900	1359	2120	3344
(KG)	BW	13	171	24	36	57	62	96	158	238	324	483	548	782	1150	1890	2940