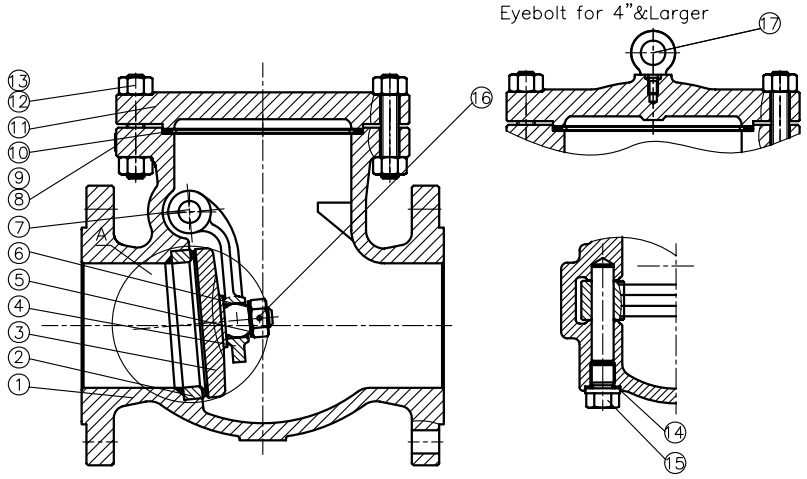
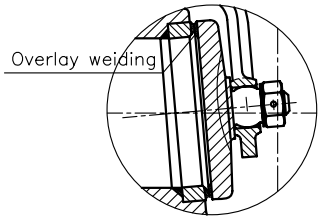
Materials comply with the requirements of NACE MR 01 75 (2002)

Notice:
Eyebolt for 4"&Larger

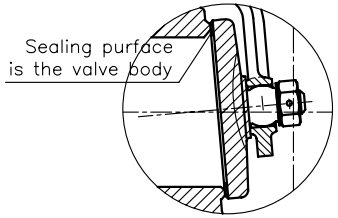


ITEM	NAME	STANDARD MATERIAL SPECITICATIONS		
		API TRIM 8	API TRIM 5	API TRIM 16
1	BODY	ASTM A216 WCB	ASTM A216 WCB	ASTM A352 LCC
2	SEAT	ASTM A105+STL.6	ASTM A105+STL.6	ASTM A350 LF2+STL.6
3	DISC	ASTM A105+ER410	ASTM A105+STL.6	ASTM A350 LF2+STL.6
4	HINGE	ASTM A216 WCB	ASTM A216 WCB	ASTM A352 LCC
5	GASKET	ASTM A276 410	ASTM A276 410	ASTM A276 316
6	NUT	ASTM A276 410	ASTM A276 410	ASTM A276 316
7	PIN	ASTM A182 F6	ASTM A182 F6	ASTM A276 316
8	RIVET	AISI 304	AISI 304	AISI 304
9	NAME PLATE	AISI 304	AISI 304	AISI 304
10	GASKET	F304+FLEXIBLE GRAPHITE	F304+FLEXIBLE GRAPHITE	F316+FLEXIBLE GRAPHITE
11	BONNET	ASTM A216 WCB	ASTM A216 WCB	ASTM A352 LCC
12	BOLT	ASTM A193-B7M	ASTM A193-B7M	ASTM A320-L7M
13	NUT	ASTM A194-2HM	ASTM A194-2HM	ASTM A194-4M
14	GASKET	AISI 304	AISI 304	AISI 304
15	PLUG	ASTM A276 410	ASTM A276 410	ASTM A276 316
16	PIN	AISI 304	AISI 304	AISI 304
17	EYEBOLT	CARBON STEEL	CARBON STEEL	CARBON STEEL
18	GASKET	F304+FLEXIBLE GRAPHITE	F304+FLEXIBLE GRAPHITE	F316+FLEXIBLE GRAPHITE
19	GLAND	ASTM A105	ASTM A105	ASTM A105
20	BOLT	ASTM A193-B7M	ASTM A193-B7M	ASTM A320-L7M

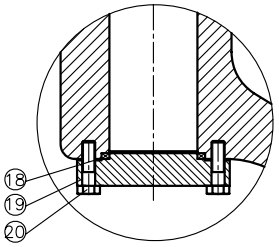
A WCB WC6 LCB



A CF8M CF8



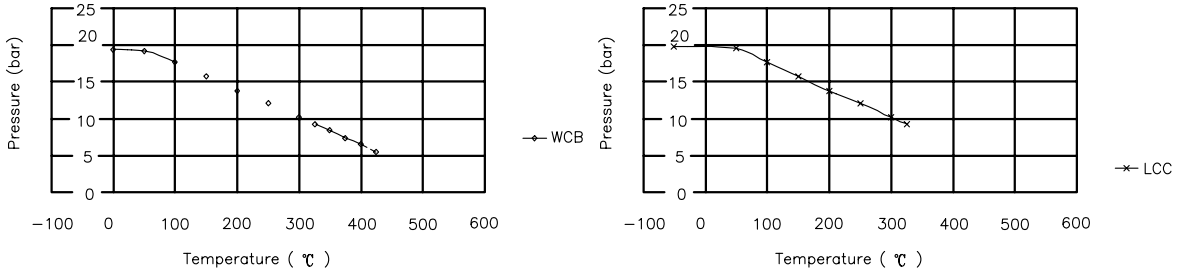
Notice:
Gland for 16"&Larger



SUITABLE TEMP(℃)	WCB	LCC
ASME B16.34	-29to+425Deg C	-46to+345 Deg C
EU-PED	-5to+425Deg C	-46to+345Deg C
	WATER,STEAM,OIL	

TEST PRESSURE TO API 598 & ASME B16.34		
TEMPERATURE (0~38℃)	WCB	LCC
SHELL TEST (Bar)	153.1	155.1
BACK SHELL TEST(Bar)	112.3	113.7
SEAL TEST (Bar)	112.3	113.7

PRESSURE-TEMPERATURE RATING ACCORDING TO ASME B16.34



PROJECT:	----		
CLIENT:	----		
T.T. REF:	----		
ITEM:	----		
	10-05-2015	WB	JT
REV.	DATE	DRAWN	CHECKED

TT Valves UK Ltd

	DATE	NAME
TRACED		
CHECKED		

CHECK VALVE
CLASS-600

SCALE	DRAWING No :	REV:
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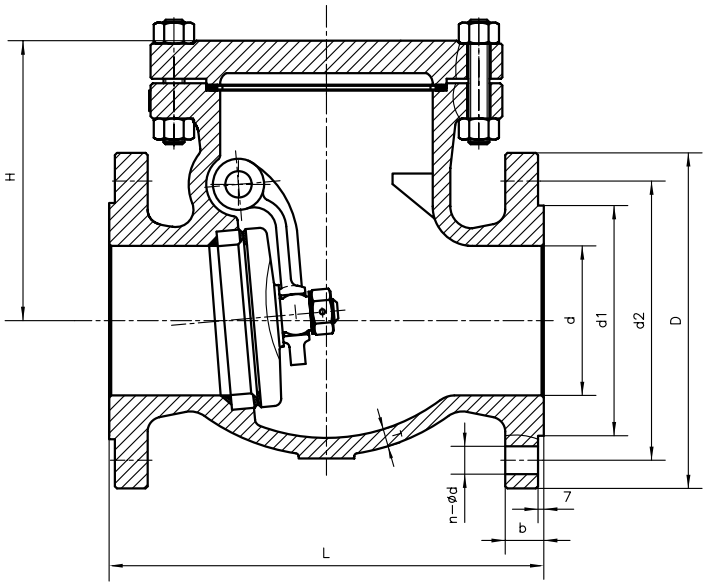
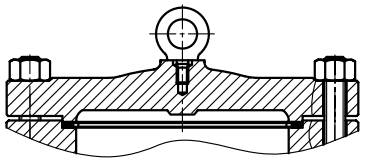
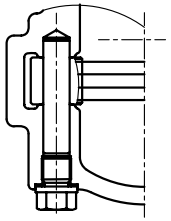
STANDARD	
FACE TO FACE	ASME B16.10
FLANGE ENDS	ASME B16.5
DESIGN STANDARDS	BS 1868
TESTING	API 598

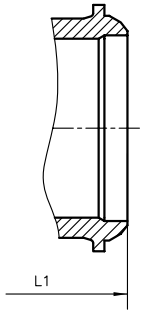


Notice:
Eyebolt for 4"&Larger

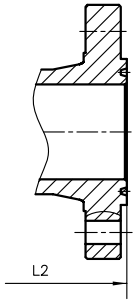




BW



RTJ



SIZE	FLANGE DIMENSIONS						DIMENSIONS (mm)		WEIGHTS	FACE TO FACE(mm)			BONNET BOLT (MATERIAL B7)
	Ød	Ød1	Ød2	D	b	n-Ød	T	H	(Kg)	L	L1	L2	
2"	51	92	127	165	22.7	8-ø19	11.1	197	28	292	292	295	5/8X95
2.5"	64	105	149	190	29	8-ø22	11.9	207	40	330	330	333	5/8X110
3"	76	127	168	210	32	8-ø22	12.7	231	57	356	356	359	5/8X105
4"	102	157	216	273	38.1	8-ø25	15.9	281	83	432	432	435	3/4X120
5"	127	186	266.5	330	44.5	8-ø29	18	312	123	508	508	511	1X160
6"	152	216	292	356	48	12-ø29	19	362	191	558.8	559	562	7/8X150
8"	203	270	349	419	56	12-ø32	26	437	361	660.4	660	664	1X180
10"	248	324	432	508	64	16-ø35	29	490	543	787.4	787	791	1 1/4X210
12"	298	381	489	559	67.5	20-ø35	32	528	770	838	838	841	1 1/4X225

PROJECT:	----		
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	DATE	NAME
TRACED		
CHECKED		

CHECK VALVE
CLASS-600

SCALE	DRAWING No :	REV:
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