

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

A

B

C

D

E

BILL OF MATERIALS				
NO.	DESIGNATION	QTY	MATERIAL	NOTES
1	BODY	1	ASTM A216 WCB	
2	VALVE NUT	1	ASTM A194 2HM	
3	DISC NUT PIN	1	CARBON STEEL	
4	DISC WASHER	1	CARBON STEEL	
5	HINGE	1	ASTM A216 WCB	
6	DISC	1	ASTM A216 WCB+STL	
7	SEAT	1	ASTM A105+13%Cr	
8	HINGE PIN	1	ASTM A182 F6a	
9	BEARING BRACKET	1	ASTM A216 WCB	
10	BEARING BRACKET BOLT	1	ASTM A193 B7M	
11	SPRING WASHER	1	SPRING STEEL	
12	BONNET	1	ASTM A216 WCB	
13	GASKET	1	304+GRAPHITE	
14	SEPARATE RING	1	ASTM A276 410	
15	COVER	1	ASTM A216 WCB	
16	COVER BOLT		ASTM A193 B7M	
17	COVER NUT		ASTM A194 2HM	
18	STATIONARY RINGS	1	CARBON STEEL	
19	THRUST RING	1	ASTM A276 410	

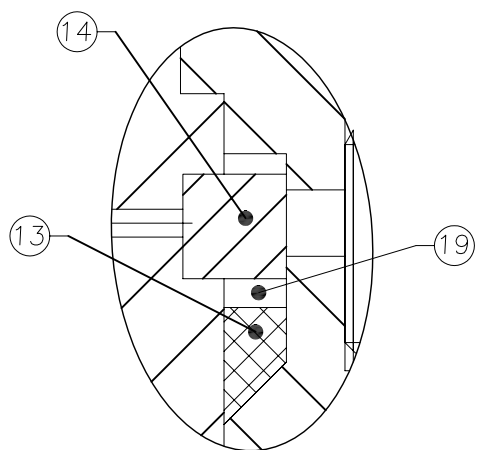
A

B

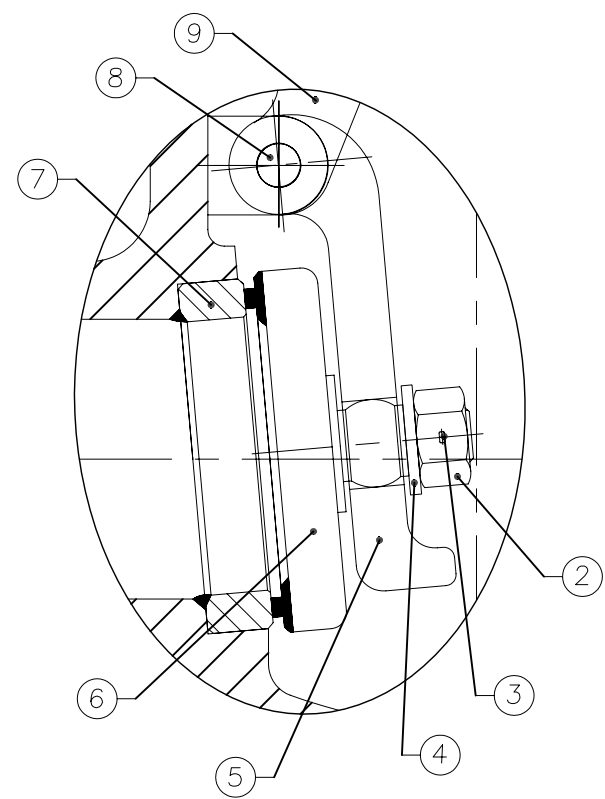
C

D

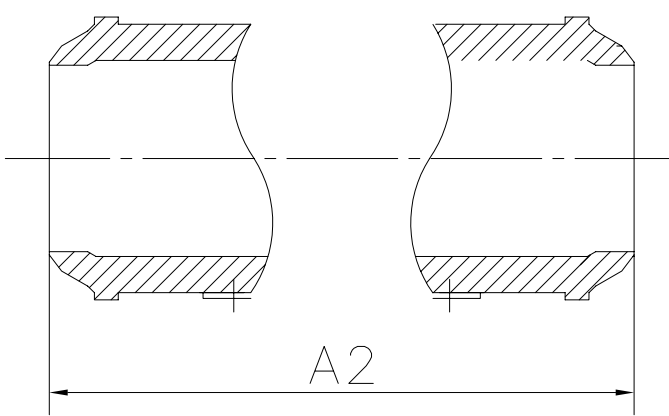
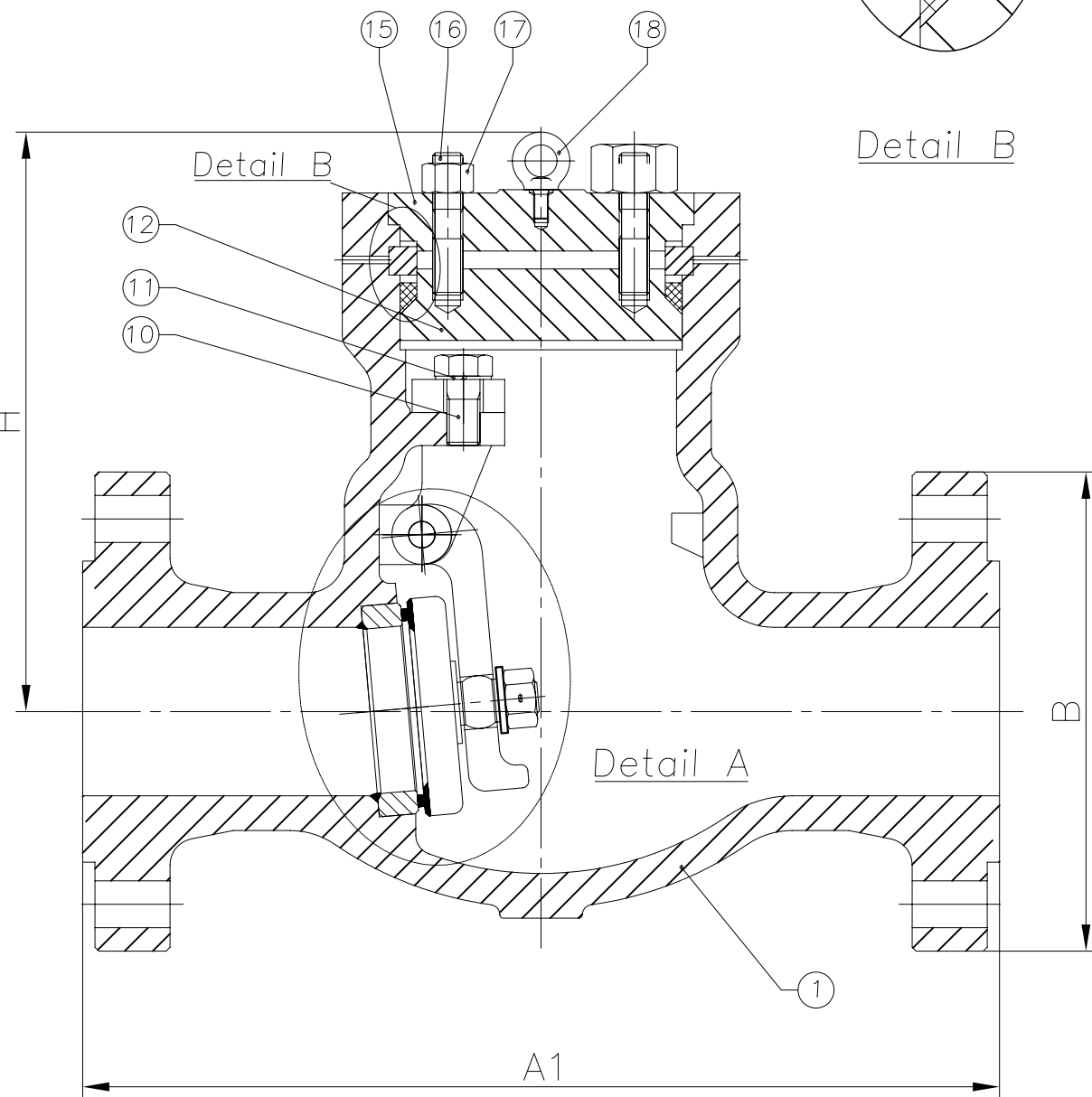
E



Detail B



Detail A



Butt-Weld Ends

Size	A1	A2	B	H
2	368	216	216	241
3	470	305	267	273
4	546	406	311	318
6	705	559	394	422
8	832	711	483	480
10	991	864	585	590
12	1130	991	675	645
14	1257	1067	750	711
16	1384	1194	825	749

ENGINEERING DATA

DESIGN CODE	BS 1868/ANSI B16.34	TEST PRESSURES		
FACE TO FACE DIMENSIONS	ASME B16.10	BODY	382.95	Barg
ENDS CONNECTION DIMENSIONS	ASME B16.25	SEAT	280.83	Barg
TESTING CODE	API 598	BACKSEAT	280.83	Barg
		AIR - SEAT	6.0	Barg

				BY	CHK	APP	SCALE:	
							DRAWN	DATE
							CHECKED	DATE
							APPROVED	DATE

DRAWING TITLE:  
 API CAST STEEL CLASS 1500  
 PS BONNET, RF, SWING CHECK VALVE  
 PROJECT:  
 PACKAGE:  
 VENDOR DOC.NO.:



CAD. No.	DRAWING NUMBER:	120055	REV
	AREA No.	FACILITY	TYPE
	SEQ. No.	SHT. No.	

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

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