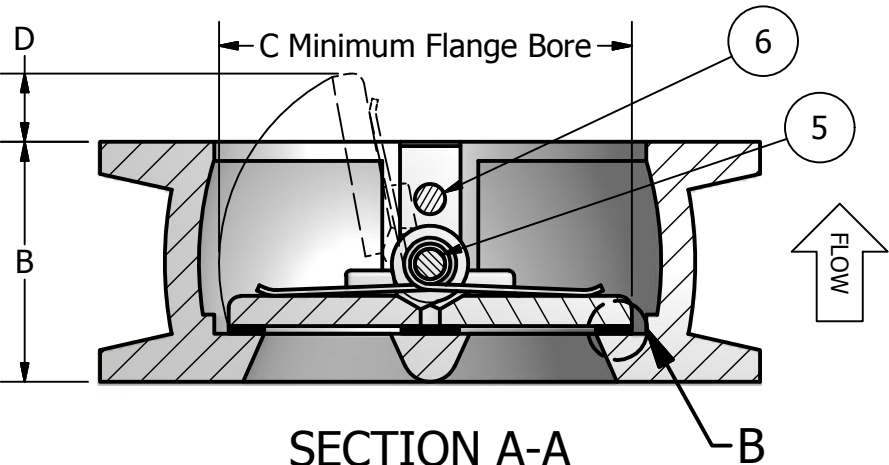
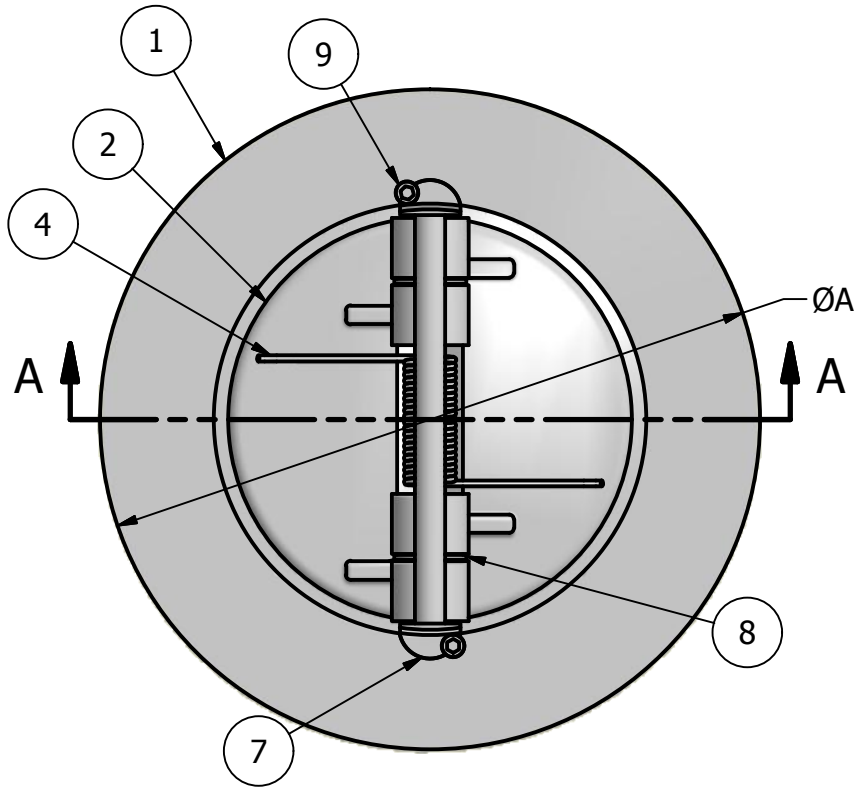
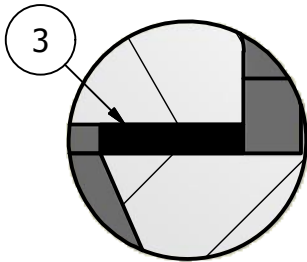




SECTION A-A
SCALE 1 / 2



DETAIL B
SCALE 2 : 1

ASME CLASS 900											
Size		A		B		C		D		Weight	
in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
2	50	5 ⁵ / ₈	143	2 ³ / ₄	70	1 ¹¹ / ₁₆	43	-	-	14	6
2 ¹ / ₂	65	6 ¹ / ₂	165	3 ¹ / ₄	83	2 ¹ / ₈	54	¹ / ₁₆	2	16	7
3	80	6 ⁵ / ₈	168	3 ¹ / ₄	83	2 ⁵ / ₈	67	⁵ / ₁₆	8	24	11
4	100	8 ¹ / ₈	206	4	102	3 ⁷ / ₁₆	87	⁹ / ₁₆	14	40	18
5	125	9 ³ / ₄	248	-	-	4 ⁵ / ₁₆	110	-	-	-	-
6	150	11 ³ / ₈	289	6 ¹ / ₄	159	5 ³ / ₁₆	132	1 ¹ / ₁₆	27	115	52
8	200	14 ¹ / ₈	359	8 ¹ / ₈	206	6 ¹³ / ₁₆	173	1 ¹³ / ₃₂	36	229	104
10	250	17 ¹ / ₈	435	9 ¹ / ₂	241	8 ¹ / ₂	216	1 ¹³ / ₁₆	46	388	176
12	300	19 ⁵ / ₈	498	11 ¹ / ₂	292	10 ¹ / ₈	257	2 ⁵ / ₁₆	59	540	245
14	350	20 ¹ / ₂	521	14	356	11 ¹ / ₂	292	2	51	926	420
16	400	22 ⁵ / ₈	575	15 ¹ / ₈	384	12 ¹³ / ₁₆	325	2 ⁵ / ₈	67	1152	523
18	450	25 ¹ / ₈	638	17 ³ / ₄	451	14 ⁷ / ₁₆	367	2 ⁹ / ₁₆	65	1318	598
20	500	27 ¹ / ₂	699	17 ³ / ₄	451	17 ¹⁵ / ₁₆	456	5 ⁵ / ₁₆	135	1426	647
24	600	33	838	19 ¹ / ₂	495	21 ¹ / ₂	546	5 ⁵ / ₈	143	2729	1238

STANDARDS			
DESIGN CODE		INSPECTION & TEST	FLANGE STANDARD
ASME B16.5		API 598	ASME RAISED FACE
			Pressure Class
			900
			Size Range
			2" - 24"

PARTS LIST	
ITEM	PART NAME
1	BODY
2	DISC
3	BODY SEAT
4	SPRING
5	HINGE PIN
6	STOP PIN
7	RETAINER INSERT
8	BEARING
9	SET SCREW

DRAWN		5/11/2015	
Shaun Leemhuis			
APPROVED		5/11/2015	
Sam Anderson			
QA			
ORIGNIAL		5/11/2015	
REV A		REV C	
REV B		REV D	

PROPERTY OF CHAMPION VALVES, INC.

Champion Valves, Inc.			
TITLE			
DUAL DISC WAFER STYLE CHECK VALVE RETAINERLESS			
SIZE		DWG NO	REV
B		CVR90-XXXX-R	