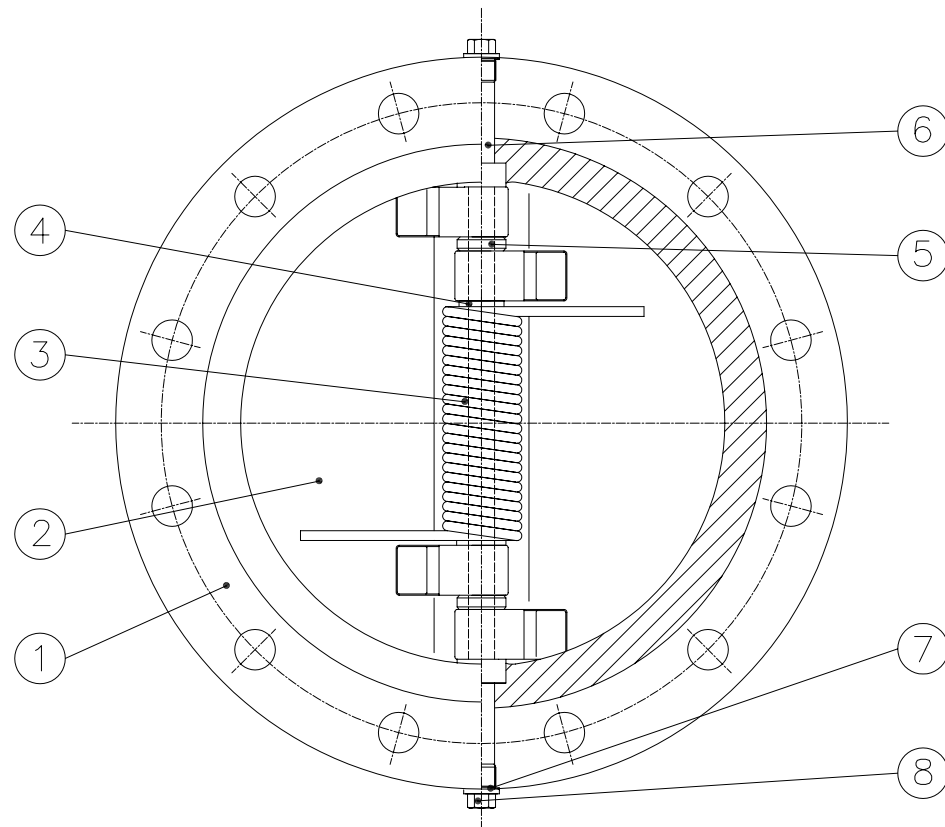
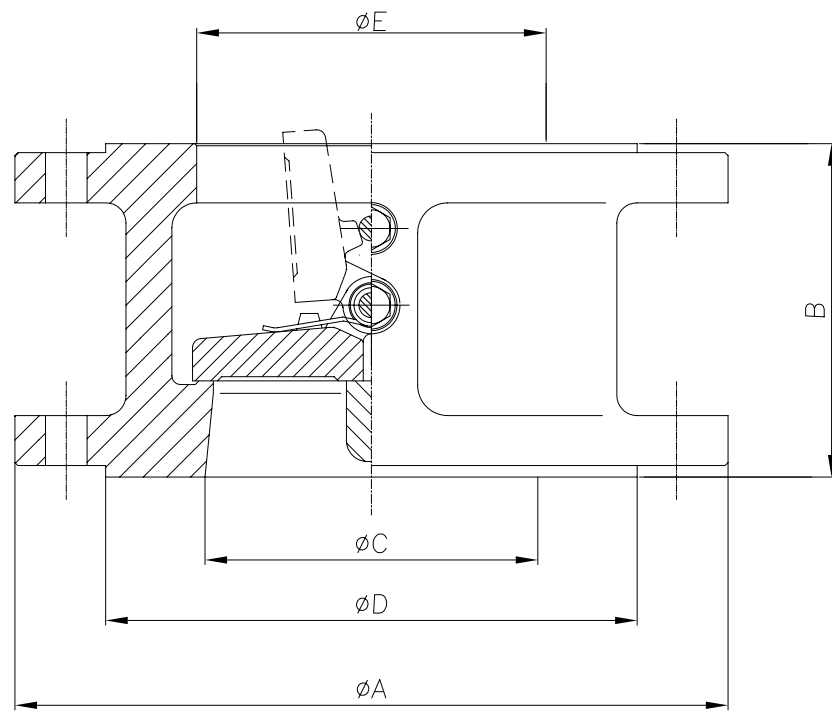


PRESSURE & TEMPERATURE TO ANSI B16.34; MATERIALS TO NACE MR-01-75 Latest Edition; HINGE/STOP PINS MUST BE VERTICAL FOR HORIZONTAL FLOW; LIFTING BOLTS SUPPLIED FOR VALVES 6" AND LARGER



8	STOP PIN	A182 F316		
7	GASKET	A182 F316		
6	HINGE PIN	A182 F316		
5	BEARING	A182 F316		
4	SPRING PLATE	A182 F316		
3	SPRING	INCONEL X750		
2	DISC	ASTM A351 CF8M		
1	BODY	ASTM A351 CF8M	ASTM 216 WCB	
	BODY SEAT	AS BODY		1
	PLATE SEAT	AS PLATE		2
NO.	Name	Material		Notes

NOTES	
1.	Body Seat Overlay available – AISI 316 or Stellite 6
2.	Plate Seat Overlay available – AISI 316 or Stellite 6
3.	

Size Inches	Dimensions (mm)					Hole size	Number of Bolts
	A	B	C	D	E		
8"	419	165	168	270	207	25.4	12
10"	508	213	200	324	260	28.4	16
12"	559	229	232	381	300	31.8	16
14"	603	273	232	413	339	31.8	20
16"	686	305	330	470	387	35.1	20
18"	743	362	330	533	438	35.1	24
20"	813	368	432	584	487	35.1	24
24"	940	438	510	692	579	41.1	24

ENGINEERING DATA

DESIGN CODE	API 594	TEST PRESSURES		
FACE TO FACE DIMENSIONS	API 594	BODY	153.1	Barg
ENDS FLANGES DIMENSIONS	ASME B16.5	SEAT	112.3	Barg
TESTING CODE	API 598			

REV	DATE	DESCRIPTION	BY	CHK	APP	SCALE:		
						DRAWN	DM	DATE
						CHECKED	SMN	DATE
						APPROVED	AW	DATE

DRAWING TITLE:  
API 594 CAST STEEL CLASS 600  
DOUBLE-FLANGED WAFER, RF, CHECK VALVES

CLIENT: -

VENDOR PO REF: -

EVC REF: -

CAD. No.	DRAWING NUMBER:	120040	REV
AREA No.	FACILITY	TYPE	SEQ. No.
SHT. No.			01