

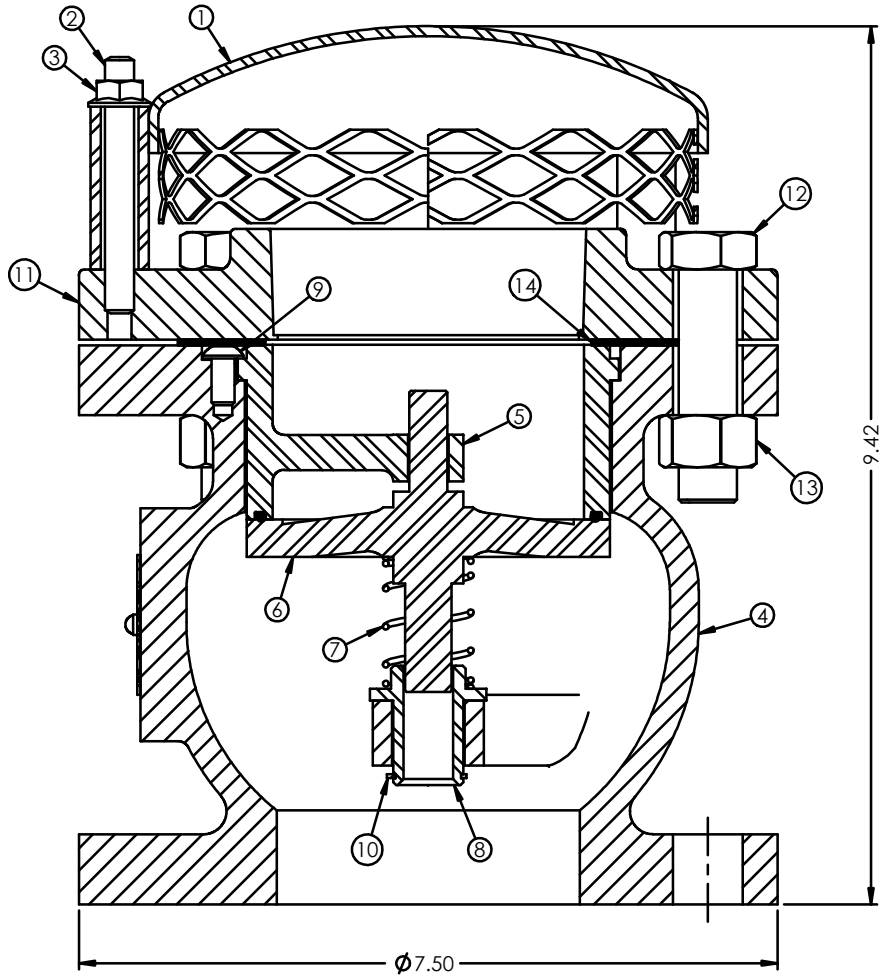
8 7 6 5 4 3 2 1

D

C

B

A



VACUUM RELIEF VALVE PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	VR-3H	HOOD ASSY.	STEEL	1
2	SD.313-18X2.75	HOOD STUD	STEEL	4
3	FLG.FHN.312-18	FLANGED NUT	STEEL	4
4	303-3	BODY	DUCTILE IRON	1
5	303-2R	RESILIENT SEAT RING	BUNA-N & S/S	1
6	303-3	DISC	STAINLESS STEEL	1
7	303-4	SPRING	STAINLESS STEEL	1
8	303-5	BUSHING	STAINLESS STEEL	1
9	BHCS.25X.50	SCREW	STAINLESS STEEL	2
10	68-11A	RETAINING RING	STAINLESS STEEL	1
11	303-9-HD	HOOD FLANGE	DUCTILE IRON	1
12	HHCS.625X2.5	FLANGE BOLT	STEEL	4
13	FHN.625-11	FLANGE NUT	STEEL	4
14	303-24	FLANGE GASKET	ARMSTRONG	1

FLANGE DATA	
FLANGE DIAMETER	7.50 in.
FLANGE THICKNESS	0.94 in.
BOLT CIRCLE DIAMETER	6.00 in.
NUMBER OF BOLT HOLES	4
BOLT HOLE DIAMETER	0.75 in.

- NOTES:
1. INLET SIZE: 3" CLASS 150 FLANGE
OUTLET SIZE: 3" HOODED
 2. APPROXIMATE WEIGHT: 40 lbs
 3. VALVE WILL BE COATED EXTERNALLY WITH PHENOLIC ALKYD PRIMER

REV.	DESCRIPTION	DATE	APPROVED
1	REDRAWN IN SOLIDWORKS	2-6-20	

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	DJF
XX DIMENSIONS	±.1	CHECKED	-
XXX DIMENSIONS	±.01	ENG APPR.	-
XXXX DIMENSIONS	±.005	MFG APPR.	-
DRILLED HOLES	±.01	Q.A.	-
ANGLES	±1°		
CONCENTRIC DIAMETERS	SEE BELOW		
MACHINED	.008 TIR		
MACHINED TO CAST	.02 TIR		
MACHINED SURFACES	125 RMS		
	REMOVE BURRS		
	BREAK SHARP EDGES		
MATERIAL:	PER BOM	FILE LOCATION:	\\S2\sl1\Drawings\ASSEMBLY\VR\
FINISH:	-	FILE NAME:	VR31.r1

REVISIONS		
CRISPIN VALVES		
TITLE:		
3" CLASS 150, VACUUM RELIEF VALVE		
SIZE	DWG. NO.	REV
B	VR31	1
SCALE: 0.75:1	WT: 33.32 LB	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CRISPIN VALVE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CRISPIN VALVE IS PROHIBITED.

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1