



VACUUM RELIEF VALVE PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	VR-8H	HOOD ASSY.	STEEL	1
2	SD.313-18X4.75	HOOD STUD	STEEL	4
3	FLG.FHN.312-18	FLANGED NUT	STEEL	4
4	808-1F	BODY	DUCTILE IRON	1
5	808-2R	RESILIENT SEAT RING	BUNA-N & S/S	1
6	808-3	DISC	STAINLESS STEEL	1
7	808-4	SPRING	STAINLESS STEEL	1
8	808-5	BUSHING	STAINLESS STEEL	1
9	BHCS.25X.50	SEAT SCREW	STAINLESS STEEL	2
10	808-8	RETAINING RING	STAINLESS STEEL	1
11	808-30	SHAFT	STAINLESS STEEL	1
12	808-9-HD	HOOD FLANGE	DUCTILE IRON	1
13	HHCS.75X3.5	FLANGE BOLT	STEEL	8
14	FHN.75-10	FLANGE NUT	STEEL	8
15	808-24	FLANGE GASKET	ARMSTRONG	1

FLANGE DATA	
FLANGE DIAMETER	13.50 in.
FLANGE THICKNESS	1.12 in.
BOLT CIRCLE DIAMETER	11.75 in.
NUMBER OF BOLT HOLES	8
BOLT HOLE DIAMETER	0.88 in.

- NOTES:
1. INLET SIZE: 8" CLASS 150 FLANGE
OUTLET SIZE: 8" HOODED
 2. APPROXIMATE WEIGHT: 158 lbs
 3. VALVE WILL BE COATED EXTERNALLY WITH PHENOLIC ALKYD PRIMER

REV.	DESCRIPTION	DATE	APPROVED
1	REDRAWN IN SOLIDWORKS	2-14-20	

REVISIONS			
NO.	DESCRIPTION	DATE	APPROVED
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES XX DIMENSIONS ±.1 XXX DIMENSIONS ±.01 XXXX DIMENSIONS ±.005 DRILLED HOLES ±.01 ANGLES ±.1° CONCENTRIC DIAMETERS SHALL BE BELOW MACHINED TO CAST .008 TIR MACHINED SURFACES .125 RMS REMOVE BURRS BREAK SHARP EDGES		NAME	DATE
MATERIAL: PER BOM		DRAWN DJF	2-14-20
FINISH: -		CHECKED -	-
FILE LOCATION: \\S2\51\Drawings\ASSEMBLY\VR\		ENG APPR. -	-
FILE NAME: VR81.r1		MFG APPR. -	-
		Q.A. -	-

CRISPIN VALVES		
TITLE: 8" CLASS 150 VACUUM RELIEF VALVE		
SIZE B	DWG. NO. VR81	REV 1
SCALE: 0.38:1	WT: 147.37 LB	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
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DO NOT SCALE DRAWING