



SEWER PRESSURE AIR RELEASE VALVE PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	13-1N	PRESSURE SEAT	PVC	1
2	13-4N	VALVE PLUNGER	BUNA-N & S/S	1
3	JFHN.25-28	PLUNGER NUT	STAINLESS STEEL	1
4	LW.25	LOCK WASHER	STAINLESS STEEL	1
5	13-5R	VALVE FULCRUM	STAINLESS STEEL	1
6	26-6S	VALVE LEVER	STAINLESS STEEL	1
7	13-7R	LINK	STAINLESS STEEL	2
8	13-8R	FLOAT FULCRUM	STAINLESS STEEL	1
9	13-10R	FLOAT LEVER	STAINLESS STEEL	1
10	36-30SR	FLOAT ROD	STAINLESS STEEL	1
11	16-9	FLOAT	STAINLESS STEEL	1
12	13-11R	BEARING PIN	STAINLESS STEEL	2
13	13-12R	BEARING PIN	STAINLESS STEEL	2
14	13-11AR	BEARING PIN	STAINLESS STEEL	1
15	18-7A	COTTER PIN	STAINLESS STEEL	5
16	HHCS.5X2.0	COVER BOLT	STEEL	7
17	FHN.5-13	COVER NUT	STEEL	7
18	1-1S	TOP	CAST IRON	1
19	36-2	COVER FLANGE	CAST IRON	1
20	36-21-2SL	BODY	CAST IRON	1
21	13-22	FULCRUM WASHER	FIBER	2
22	13-26	FULCRUM WASHER	FIBER	1
23	13-23	SEAT GASKET	BUNA-N RUBBER	1
24	14-24	COVER GASKET	ARMSTRONG	1
25	HHCS.38X1.5	FULCRUM BOLT	STAINLESS STEEL	1
26	FHN.38-16	FULCRUM NUT	STEEL	2
BACK FLUSHING PARTS LIST				
28	HA 1X5	HOSE	CAD. PLT STL, RUBBER	1
29	NPL 1XC	NIPPLE	STEEL	2
30	BV-1	BALL VALVE	BRONZE	2
31	NPL 2XC	NIPPLE	STEEL	1
32	BV-2	BALL VALVE	BRONZE	1

- NOTES:**
- INLET SIZE: 2" NPT  
OUTLET SIZE: 1/2" NPT  
APPROXIMATE WEIGHT: 54 lbs
  - VALVE WILL BE COATED EXTERNALLY WITH PHENOLIC ALKYD PRIMER

ORIFICE DATA	
DIAMETER	MAX. WORKING PRESSURE
1/4"	150 PSIG
1/8"	300 PSIG

**PROPRIETARY AND CONFIDENTIAL**  
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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	SEE BELOW	
MACHINED	.005 TIR	
MACHINED TO CAST	.02 TIR	
MACHINED SURFACES	125 BMS	
BELOW SURFACES		
BREAK SHARP EDGES		
MATERIAL:	FILE LOCATION: \\S2\S1\Drawings\ASSEMBLY\SARV\	
FINISH:	FILE NAME: S20SB 8278754.r1	

1	REDRAWN IN SOLIDWORKS	10-25-21	
REV.	DESCRIPTION	DATE	APPROVED

**CRISPIN VALVES**

TITLE:  
**2" NPT, SHORT BODY SEWER PRESSURE AIR RELEASE VALVE w/ BACK FLUSH**

SIZE <b>B</b>	DWG. NO. <b>S20SB 8278754</b>	REV <b>1</b>
SCALE: 0.38:1 WT: LB		SHEET 1 OF 1

DO NOT SCALE DRAWING