



INLET FLANGE DATA	
FLANGE DIAMETER	6.50 in.
FLANGE THICKNESS	0.88 in.
BOLT CIRCLE DIAMETER	5.00 in.
NUMBER OF BOLT HOLES	8
BOLT HOLE DIAMETER	0.75 in.

AIR AND VACUUM VALVE PARTS LIST				
PART NO.	DWG. NO.	DESCRIPTION	MATERIAL	QTY.
1S	3-1S	TOP	CAST IRON	1
2	3-2	FLANGE	CAST IRON	1
3	21-1FH	BODY	CAST IRON	1
4	3-4	GASKET	ARMSTRONG	1
5	3-5	SEAT	BUNA-N RUBBER	1
6S	3-6S	FLOAT	STAINLESS STEEL	1
7	3-7S	HANGER	STAINLESS STEEL	4
8	3-8	CUP	STAINLESS STEEL	1
9	3-9S	RIVET	STAINLESS STEEL	4
11	3-11	BOLT	STEEL	6
12	3-12	NUT	STEEL	6
29	27-29	PLUG	BRASS	1
29A	PLG-5	PLUG	BRASS	1

PRESSURE AIR RELEASE VALVE PARTS LIST				
ITEM NO.	DWG. NO.	DESCRIPTION	MATERIAL	QTY.
1N	13-1N	SEAT	PVC	1
2	13-4N	VALVE PLUNGER	BUNA-N & S/S	1
3	13-3N	PLUNGER NUT	STAINLESS STEEL	1
3W	13-3W	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	BALL FULCRUM	STAINLESS STEEL	1
9	26-9R	BALL FLOAT	STAINLESS STEEL	1
10	26-8R	BALL LEVER	STAINLESS STEEL	1
11	13-11R	BEARING PIN	STAINLESS STEEL	2
12	13-12R	BEARING PIN	STAINLESS STEEL	1
13	13-11AR	BEARING PIN	STAINLESS STEEL	2
15	18-7A	COTTER PIN	STAINLESS STEEL	5
17	2-15	BOLT	STEEL	7
18	2-12	NUT	STEEL	9
19	1-1S	TOP	CAST IRON	1
20	13-20	FLANGE	CAST IRON	1
22	13-22	FULCRUM WASHER	FIBRE	2
22A	13-26	FULCRUM WASHER	FIBRE	1
23	13-23	SEAT GASKET	BUNA-N-RUBBER	1
24	13-24	FLANGE GASKET	ARMSTRONG	1
25	13-25	BOLT	STAINLESS STEEL	1
29	27-29	PLUG (NOT SHOWN)	BRASS	1

ORIFICE DATA	
ORIFICE DIA.	MAXIMUM WORKING PRESSURE
5/16"	100 psig
1/4"	150 psig
3/16"	200 psig
5/32"	250 psig
1/8"	300 psig

- NOTES:
- INLET SIZE: 2" CLASS 250 FLANGED  
OUTLET SIZE: 2" NPT.
  - APPROXIMATE WEIGHT - 77 lbs.
  - WHEN OPERATING PRESSURE IS BELOW 20 psig, REPLACE ITEM NO. 3-5 AND 13-4N TO SOFT SEATING MATERIAL 3-5L AND 13-4NL.
  - WHEN OPERATING PRESSURE IS ABOVE 150 psig, REPLACE ITEM NO. 3-5 AND 13-4N TO HARD SEATING MATERIAL 3-5H AND 28-4N.

DO NOT SCALE DRAWING		<b>Crispin Valves</b>		
		<b>2" CLASS 250, COMBINATION AIR RELEASE VALVE</b>		
REDRAWN:	DATE:	SIZE:	FILE NAME:	DWG. NO.:
CHECKED: BJL	7-25-14	C		C22
REDRAWN: DJF	7-25-14	SCALE 0.75 = 1.0		SHEET 1 OF 1

REV	DESCRIPTION	DATE	APPROVED
REVISIONS			