



SECTION A-A

INLET FLANGE DATA	
FLANGE DIAMETER	10.00 in.
FLANGE THICKNESS	1.25 in.
BOLT CIRCLE DIAMETER	7.88 in.
NUMBER OF BOLT HOLES	8
BOLT HOLE DIAMETER	0.88 in.

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

AIR AND VACCUM VALVE PARTS LIST				
ITEM NO.	DWG. NO.	DESCRIPTION	MATERIAL	QTY.
1S	5-1S	TOP	CAST IRON	1
2	5-2C	FLANGE	CAST IRON	1
3	5-3CFH-C	BODY	CAST IRON	1
4	5-4	GASKET	ARMSTRONG	1
5	5-5	SEAT	BUNA-N RUBBER	1
6S	5-6S	FLOAT	STAINLESS STEEL	1
11	30-33	BOLT	STEEL	6
12	4-12	NUT	STEEL	6
29	27-29	PLUG	BRASS	1
29A	PLG-.5	PLUG	BRASS	1
55	EN 5/8"-11	EYE NUT	STEEL	2

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
21	21-1C	BODY	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
30	21-24	GASKET	ARMSTRONG	1
31	36-A4-19	BOLT	STEEL	4

NOTES:

- INLET SIZE: 4" CLASS 250 FLANGED
OUTLET SIZE: 4" NPT.
- APPROXIMATE WEIGHT - 214 lbs.
- WHEN OPERATING PRESSURE IS BELOW 20 psig, REPLACE ITEM NO. 5-5 AND 13-4N TO SOFT SEATING MATERIAL 5-5L AND 13-4NL
- WHEN OPERATING PRESSURE IS ABOVE 150 psig, REPLACE ITEM NO. 5-5 AND 13-4N TO HARD SEATING MATERIAL 5-5H AND 28-4N

DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES		Crispin Air Valves	
		4" CLASS 250, COMBINATION AIR RELEASE VALVE	
REDRAWN:	DATE:	SIZE C	DWG. NO. C42
CHECKED: BJL	8-11-14	SCALE .50 = 1.0	REV 0
DRAWN: DJF	8-11-14	SHEET 1	OF 1

REV	DESCRIPTION	DATE	APPROVED