



SECTION 8.2_KSBJ-D

AIR RELEASE VALVE

INTRODUCTION

The model KSBJ-D is designed to release accumulated air pockets from the system, while pressured pipelines. Air pockets increase energy consumption because pumping operation will be at higher water heads to overcome pressured air. **KSBJ-D** has function to protect high shock and surge pressure, water hammer and liquid overflow from fresh or sea water pipelines.

KSBJ-D air release valve can provide low cost insurance to protect expensive maintenance cost of pipelines and pump systems.

Body Materials Carbon Steel, SS304, SS316 with various trims
(Different materials available on request)

Sizes range DN 50 ~ DN 250 with ASME 150Lb flanges as standard
(Different connections available on request)

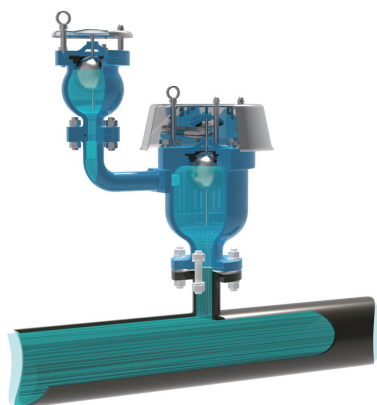
Rules & certifications API 2000

Optimum / optional Design & Arrangements Stem Jacket type, Steam Tracing type, Proximity type, Teflon Coating/Lining type

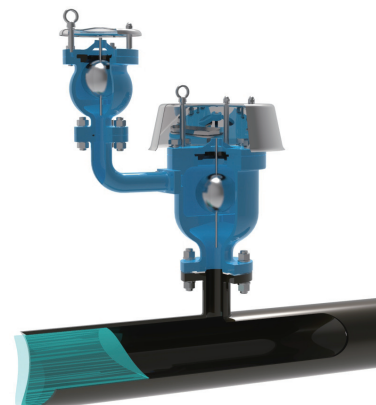
APPLICATION



OPERATION PRINCIPLE



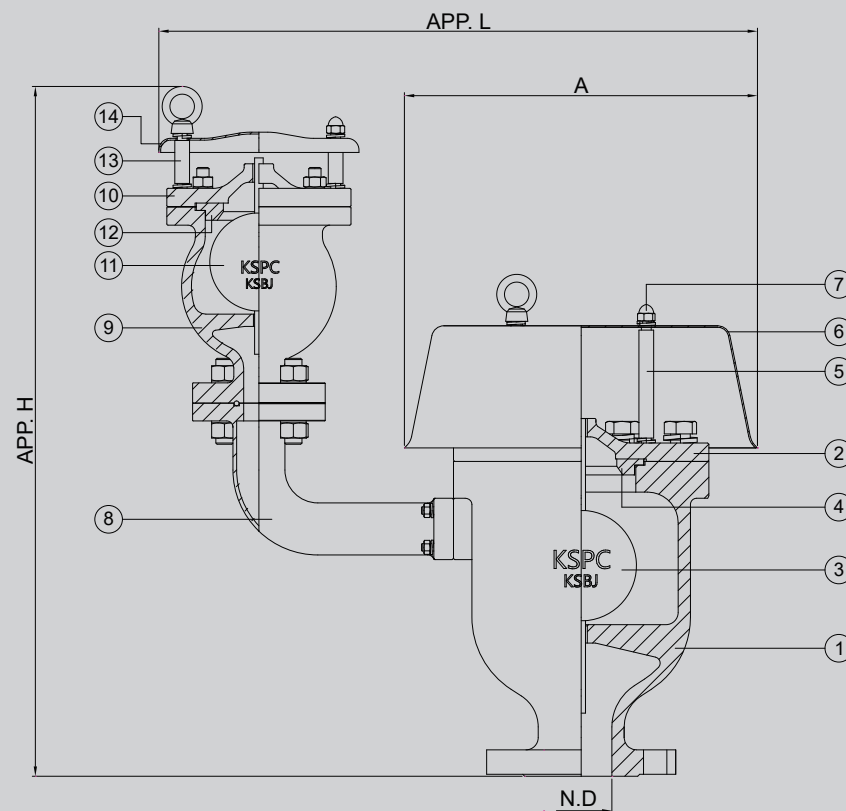
LIQUID OVERFLOW PROTECTION



PRESSURE / VACUUM RELIEF

OUTLINE DRAWING

KSBJ-D



DIMENSION TABLE

SIZE	2"	3"	4"	6"	8"	10"
N.D	50	80	100	150	200	250
A	288	288	342	444	512	512
Approx. L	485	485	543	628	690	703
Approx. H	555	577	589	716	758	810

NOTE Standard Connection(ASME 150Lb flange) and JIS or different types are available upon request.

COMPONENT MATERIAL

ITEM NO	COMPONENT	BODY	CARBON STEEL	SS304	SS316
		TRIM	SS304	SS304	SS316L
1	BODY-1		A216-WCB	A351-CF8	A351-CF8M
2	COVER		A216-WCB	A351-CF8	A351-CF8M
3	FLOATER		SS304	SS304	MONEL 400
4	GASKET		NBR		
5	GUIDE POST		SS304	SS304	SS316
7	HOOD		SS304	SS304	SS316L
8	BOLT/NUT		SS304	SS304	SS316
9	CONNECTOR		A216-WCB	A351-CF8	A351-CF8M
10	BODY-2		A216-WCB	A351-CF8	A351-CF8M
11	COVER		A216-WCB	A351-CF8	A351-CF8M
12	FLOATER		SS304	SS304	MONEL 400
13	GASKET		NBR		
14	GUIDE POST		SS304	SS304	SS316
15	HOOD		SS304	SS304	SS316L