

SECTION 2.6_KSVRFH/VSFH

VACUUM RELIEF VALVE WITH FLAME ARRESTER

INTRODUCTION

The model KSVRFH and VSFH vacuum relief valve with flame arrester are an advanced design for vent to atmosphere applications. Designed, manufactured and tested according to the API 2000 code, BS7244 and ISO16852. These valves utilize the latest technologies to provide protection against positive or vacuum over pressure and prevent air intake, evaporative losses of product and help to contain odorous and potentially explosive vapours.

Setting Pressure

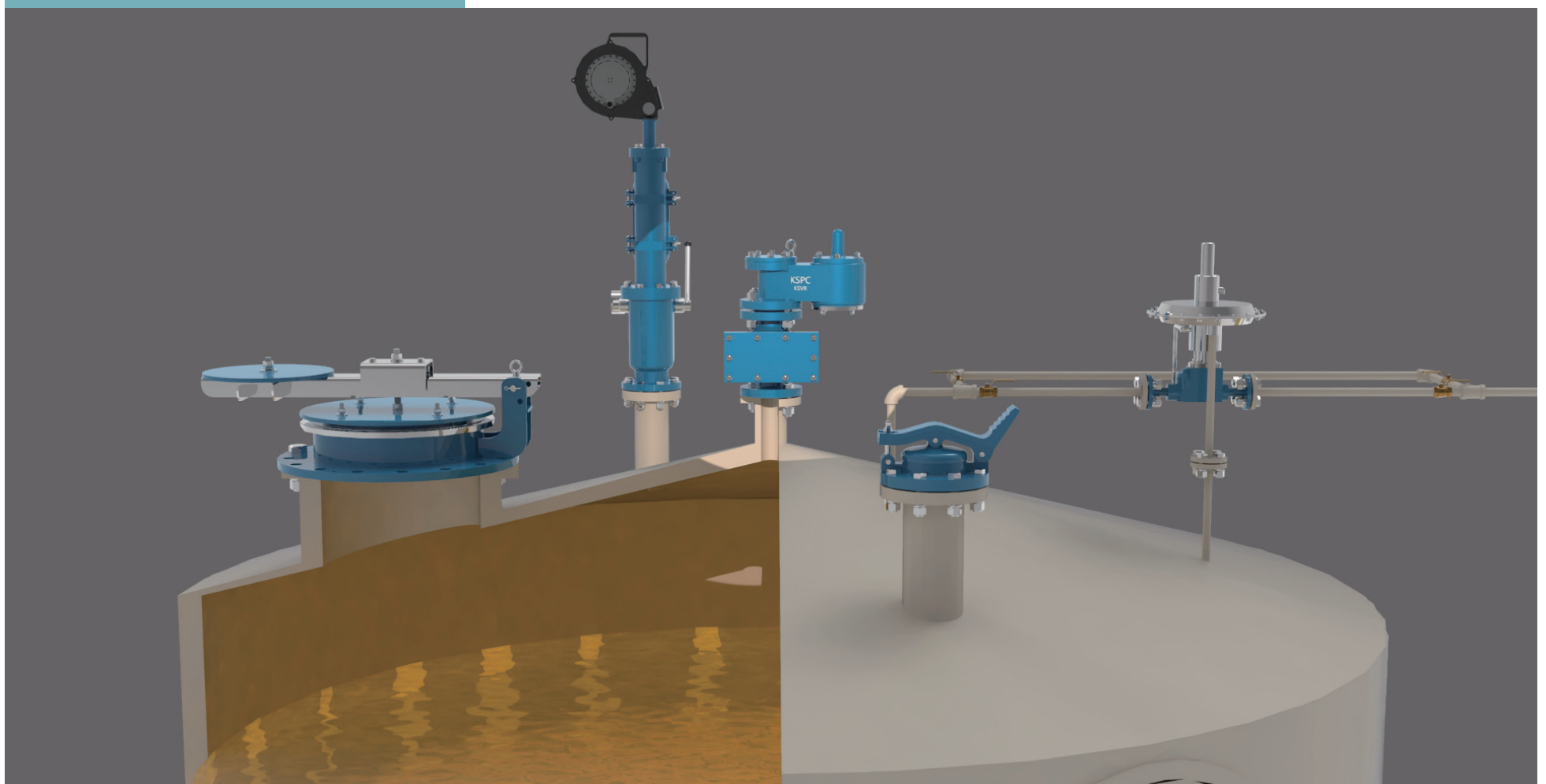
KSVRFH Weight Loaded model	Min. -20 mmW.C ~ Max. - 430 mmW.C
KSVSFH Spring Loaded model	Min. - 430 mmW.C ~ Max. - 9,000 mmW.C

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

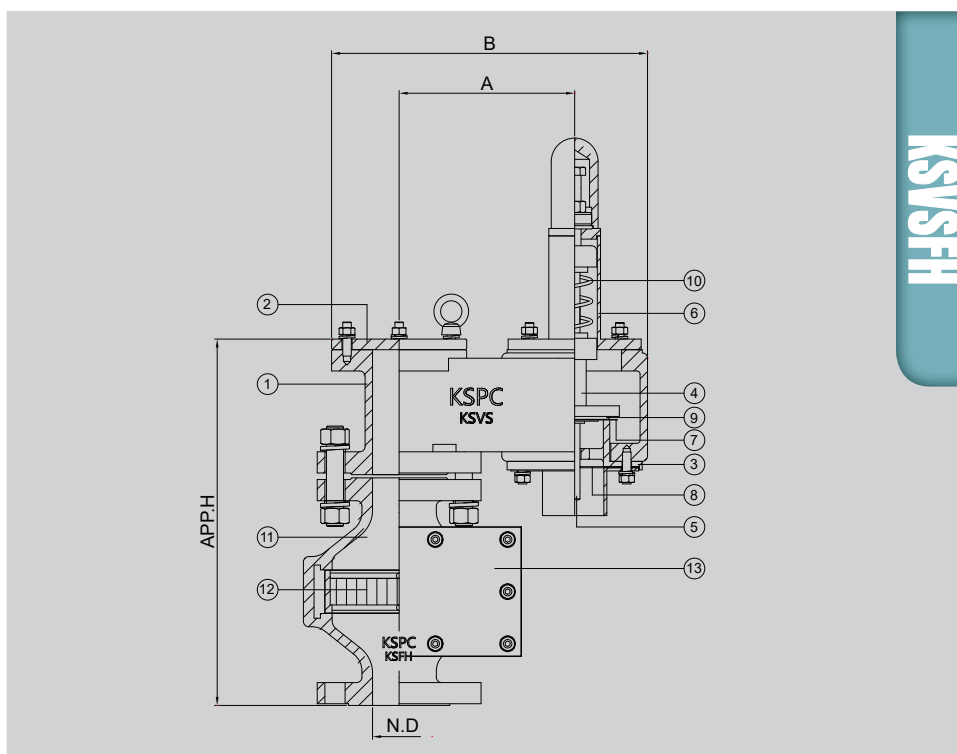
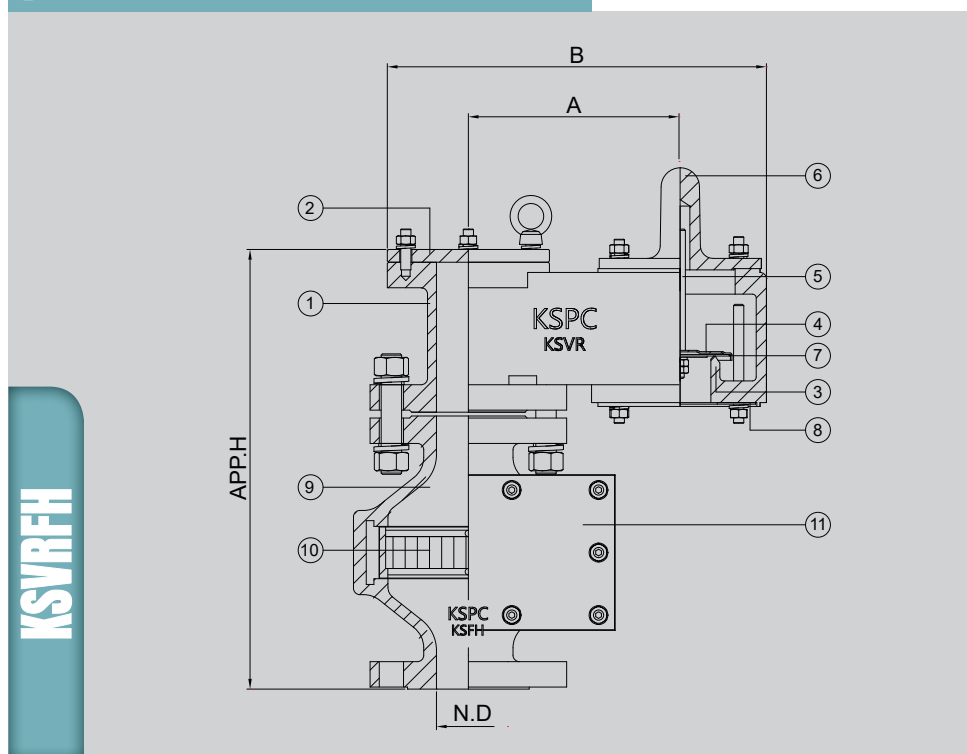
Sizes range DN 50 ~ DN 350 with ASME 150Lb flanges as standard
(Different connections available on request)

Rules & certifications API 2000, BS7244 / ISO16852 & ATEX / KFI
Flame cell : NEC group D (=IIA), group C(=IIB3) and group B(=IIC), ETC.

APPLICATION



OUTLINE DRAWING



KSVRFH

KSVSFH

Section 2.6
KSVRFH/VSFH

DIMENSION TABLE

SIZE	2"	3"	4"	6"	8"	10"	12"	14"
N.D	50	80	100	150	200	250	300	350
A	165	206	230	283	348	406	466	542
B	324	404	450	566	684	853	969	1137
Approx. H	345	389	424	487	523	597	647	851

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

COMPONENT MATERIAL

ITEM NO	COMPONENT	BODY	ALUMINIUM	CARBON STEEL	SS304	SS316
		TRIM	SS304	SS304	SS304	SS316L
1	BODY-1		B26-319.F	A216-WCB	A351-CF8	A351-CF8M
2	BLIND COVER		ALUMINIUM	CARBON STEEL	SS304	SS316L
3	VACUUM SEAT		B26-319.F/A351-CF8	A351-CF8	A351-CF8	A351-CF8M
4	VACUUM DISC		SS304	SS304	SS304	SS316L
5	VACUUM STEM		SS304	SS304	SS304	SS316
6	VACUUM COVER		B26-319.F/SS304	C.S/SS304	A351-CF8	SS316/SS316L
7	DIAPHRAGM		TEFLON			
8	VACUUM SCREEN		SS304	SS304	SS304	SS316
9	BODY-2		B26-319.F	A216-WCB	A351-CF8	A351-CF8M
10	ELEMENT		SS316L			
11	ELEMENT HOUSING		SS304	SS304	SS304	SS316
12	O-RING		VITON			
13	SPRING		SS304	SS304	SS304	SS316