



SECTION 1.4_KSBG/GS

PRESSURE VACUUM RELIEF VALVE WITH PIPE AWAY

INTRODUCTION

The model KSBG and KSGS pressure vacuum valves are an advanced design for pipe away applications. Designed, manufactured and tested according to the API 2000 code, 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

KSBG Weight Loaded model	Min. +/- 20 mmW.C ~ Max. + 700/- 430 mmW.C
KSGS Spring Loaded model	Min. + 700/- 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)

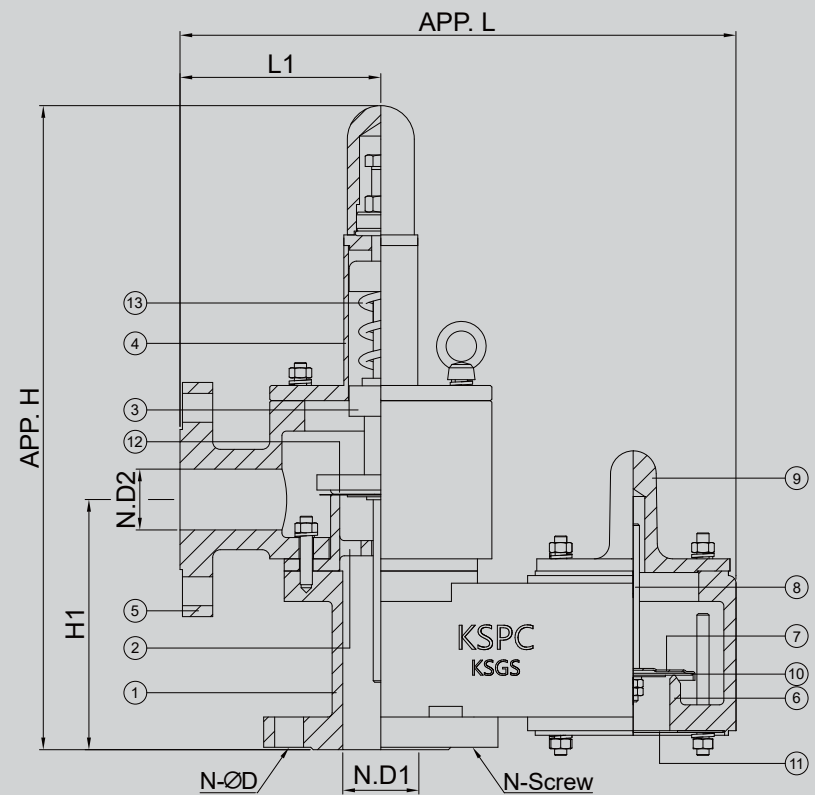
Rules & Certifications API 2000 & ATEX / KFI

Optimum / optional Design & Arrangements Steam jacket type, Proximity type, Teflon Coating /Lining type

APPLICATION



KSBG



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

COMPONENT MATERIAL

NOTE Other materials are available upon request.

ITEM NO	COMPONENT	BODY	ALUMINIUM	CARBON STEEL	SS304	SS316
		TRIM	SS304	SS304	SS304	SS316/316L
1	BODY-1		B26-319.F	A216-WCB	A351-CF8	A351-CF8M
2	PRESSURE SEAT		A351-CF8	A351-CF8	A351-CF8	A351-CF8M
3	PRESSURE DISC		SS304	SS304	SS304	SS316L
4	PRESSURE COVER		ALUMINUM / SS	CARBON STEEL	SS304	SS316L
5	BODY-2		B26-319.F	A216-WCB	A351-CF8	A351-CF8M
6	VACUUM SEAT		B26-319.F	A351-CF8	A351-CF8	A351-CF8M
7	VACUUM DISC		SS304	SS304	SS304	SS316L
8	VACUUM STEM		SS304	SS304	SS304	SS316
9	VACUUM COVER		B26-319.F	CARBON STEEL	SS304	SS316L
10	DIAPHRAGM	FEP (NOTE)				
11	VACUUM SCREEN		SS304	SS304	SS304	SS316
12	O-RING	VITON (NOTE)				
13	SPRING		SS304	SS304	SS304	SS316