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FIG.321.2 PRESSURE SPRING LOADED & VACUUM BREATHER VALVE, WELDED CONSTRUCTION



LUPI AUGUSTO TANK & PIPING PRODUCTS ITALY phone: +39 069370701 fax: +39 0697847415

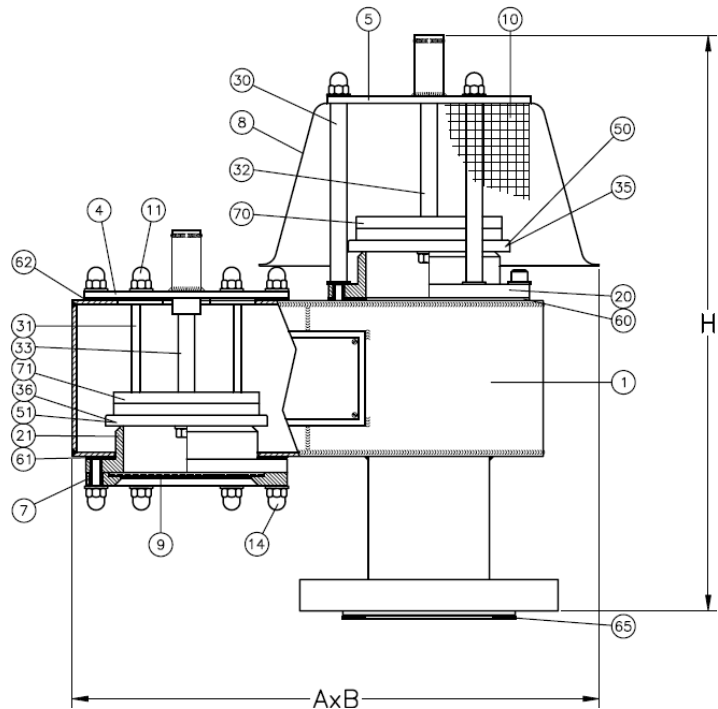
e-mail: info@lupiaugusto.com lupiaugusto@tiscali.it website: www.lupiaugusto.com

Technical data

Design pressure	0.5 Bar
Design temperature	20/+120 °C
Setting range:	
- pressure	20...4000 mmH2O
- vacuum	-20...-500 mmH2O
Atex certificate:	
Factory tested:	dimensional correct setting/s leakage API2521
Size/s	from 2 to 12"
Connections	ANSI 150# RF
External finiture:	UNI PN 10/16 RF pickled

Dimensions and weights

DN (xx)	Dimensions (mm)			Weight (kg)
	A	B	H	
2"	330	225	450	12
3"	380	225	470	14
4"	450	260	500	17
6"	590	340	600	21
8"	800	400	800	35
10"	1000	650	1050	44
12"	1100	700	1150	60



Materials and product codes for Fig.321.2 Pressure and Vacuum Relief Valves

Items	Description	Materials		
1	Body	SS316L	SS316L	SS316L
4-5-6	Cover/s	SS316L	SS316L	SS316L
7	Drip ring	SS316L	SS316L	SS316L
8	Water hood	SS304	SS304	SS304
9-10	Screens	SS304	SS304	SS304
11-13-14	Body screws	SS316	SS316	SS316
12	Flange bolts	Galv.d steel	SS304	SS304
20-21	Seats	SS316	SS316	SS316
30-31-34	Guide posts	SS316	SS316	SS316
32-33	Pallet stems	SS316	SS316	SS316
35-36	Pallets	SS316	SS316	SS316
50-51	Inserts	Viton® Teflon® Teflon®FEP Kalrez®		
60...64	Body gaskets	Teflon®	Teflon®	Teflon®
65-66	Flange gaskets	Teflon®	Teflon®	Teflon®
70-71	Setting weights	304	SS304	SS304
80	Loose flanges	Aluminium	SS304	/
81	Welded flanges	/	/	SS316L
90	Spring assembly	SS316L	SS316L	SS316L
Product code with ANSI flange/s		321.2.xx.101	321.2.xx.103	321.2.xx.105
Product code with UNI flange/s		321.2.xx.102	321.2.xx.104	321.2.xx.106

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