



Tank and Environmental Protection BREATHER VALVES

WEIGHT / SPRING LOADED TYPE

932 SERIES

FEATURES

- EASILY MAINTENANCE & INSTALLATION
- ABLE TO PREVENT REGULAR LOSS OF STORED PRODUCT, PALLET AND SEAT ARE KNITTED TOGETHER CLOSELY
- REPLACEABLE SEAT OR PALLET
- PTFE SEAT OR DIAPHRAGM CAN BE PROVIDED WHEN REQUIRED
- MAX. FLOW CAPACITY ACCORDING TO API STD.2000
- HIGH PERFORMANCE OF PV VENT SIMULATOR FOR VENT AND RELIEF FUNCTION TEST
- WEIGHT / SPRING LOADED MODULAR CONSTRUCTION
- THE QUALITY OF MOULDED BODY MANUFACTURING ACCORDING TO CE REQUIREMENTS

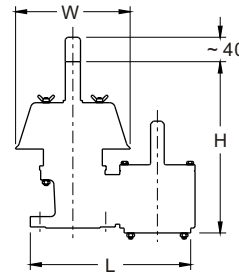


MODEL SELECTIONS

ITEMS	CODE	SPECIFICATIONS		
MODEL	932A	VENT TO ATMOSPHERE TYPE BREATHER VALVE		
	932B	PIPE-AWAY TYPE BREATHER VALVE		
	932C	OEM VERSIONS		
LOADED OF PRESSURE PORT	-0	Weight loaded 150 mbar		
	-1	Spring loaded 1 bar 70 mbar		
	-2	To be specified		
LOADED OF VACUUM PORT	0	Weight loaded -100 mbar		
	1	Spring loaded -70 mbar		
	2	To be specified		
CONNECTION	0	ANSI 150# Flange		
	1	JIS 10K Flange		
	2	DIN 2633 Flange(PN10/16)		
	3	To be specified		
BODY MATERIAL	0	Aluminum A356-T6		
	1	CF8 / SCS13/ 1.4308		
	2	CF8M / SCS14/ 1.4408		
	3	To be specified		
SEAT MATERIAL	-A	Aluminum		
	-B	CF8 / SCS13/ 1.4308		
	-C	CF8M / SCS14/ 1.4408		
	-D	To be specified		
MATERIAL OF PALLET ASSEMBLY	A	Alumiumn		
	B	304S.S.		
	C	316S.S.		
	D	To be specified		
OPTIONAL SEAT	A	Not required		
	B	Seat built-in PTFE ring		
	C	Pallet built-in PTFE diaphragm		
	D	To be specified		
CONNECTION SIZE FOR VESSEL	-02	2" (50A)	-04	4" (100A)
	-03	3" (80A)	-06	5" (150A)
	-XX	To be specified		

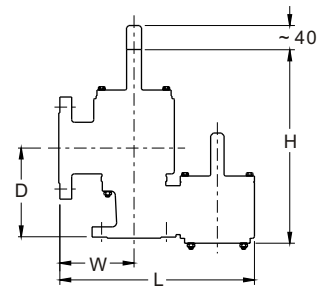
DIMENSIONS (mm)

932A



SIZE	L	H	W
2" (50A)	340	340	210
3" (80A)	410	340	265
4" (100A)	460	400	300
6" (150A)	650	560	450

932B



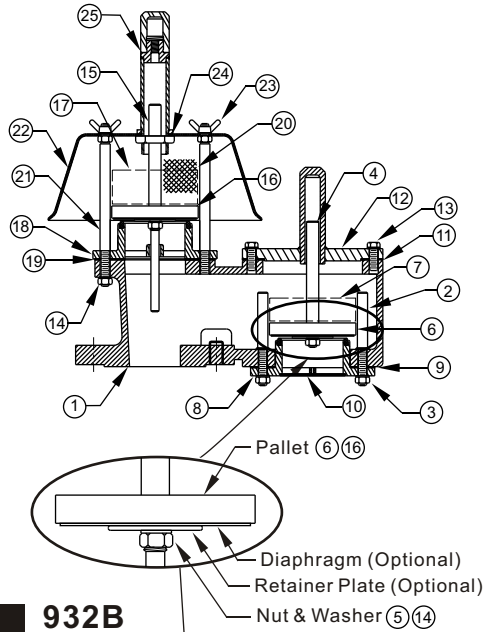
SIZE	OUTLET FLANGE	L	H	W	D
2" (50A)	3" (80A)	360	340	140	170
3" (80A)	4" (100A)	450	380	150	200
4" (100A)	6" (150A)	490	480	185	240
6" (150A)	8" (200A)	660	600	210	320

NOTES:

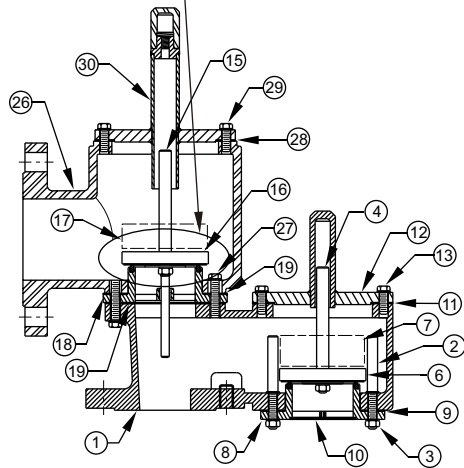
- Flat Face (FF) flange connection should only be furnished with Aluminum.
- Size of mounting holes will not be influenced by differences in external diameter flange and thickness of flange.
- The lower pressure process equipments cause the flange thickness may not the same as standard nominal dimension.

MATERIALS AND COMPONENTS

932A



932B



ITEM	COMPONENTS	MATERIALS		
		A	B	C
1	Body	Aluminum	CF8	CF8M
2	Guide of vacuum Port	304S.S.	304S.S.	316S.S.
3	Nut & Washer / Screw	304S.S.	304S.S.	304S.S.
4	Vacuum Stem	304S.S.	304S.S.	316S.S.
5	Nut & Washer of Vacuum Pallet	304S.S.	304S.S.	304S.S.
6	Vacuum Pallet *	304S.S.	304S.S.	316S.S.
7	Weight of Vacuum * #	304S.S.	304S.S.	316S.S.
8	Vacuum Seat * #	304S.S.	304S.S.	316S.S.
9	Gasket of Seat #	NBR	NBR	Viton
10	Screen	304S.S.	304S.S.	316S.S.
11	Gasket of Vacuum Port #	NBR	NBR	PTFE
12	Cover of Vacuum Port	Aluminum	304S.S.	316S.S.
13	Screw & Washer	304S.S.	304S.S.	304S.S.
14	Nut & Washer of Pressure Pallet	304S.S.	304S.S.	304S.S.
15	Stem of Pressure Port	304S.S.	304S.S.	316S.S.
16	Pressure Pallet *	304S.S.	304S.S.	316S.S.
17	Weight of pressure * #	304S.S.	304S.S.	316S.S.
18	Pressure Seat * #	304S.S.	304S.S.	316S.S.
19	Gasket of Seat #	NBR	NBR	Viton
20	Screen of Pressure	304S.S.	304S.S.	316S.S.
21	Brace of Weather-hood	304S.S.	304S.S.	316S.S.
22	Weather-hood	304S.S.	304S.S.	316S.S.
23	Wing Nut & Washer	304S.S.	304S.S.	304S.S.
24	Jam Nut	304S.S.	304S.S.	316S.S.
25	Stem Holder	304S.S.	304S.S.	316S.S.
26	Outlet Body	Aluminum	304S.S.	316S.S.
27	Screw & Washer of Pressure Port	304S.S.	304S.S.	304S.S.
28	Gasket of Pressure Port	NBR	NBR	Viton
29	Screw & Washer of Vent Cover	304S.S.	304S.S.	304S.S.
30	Vent Cover of Outlet Body	Aluminum	CF8	CF8M

Notes : * Indefinite requirement of the components according as the set rating of vacuum or pressure. Can be substituted by Spring.
Varied by structures and materials will not influenced the set rating according as user's requirements.

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