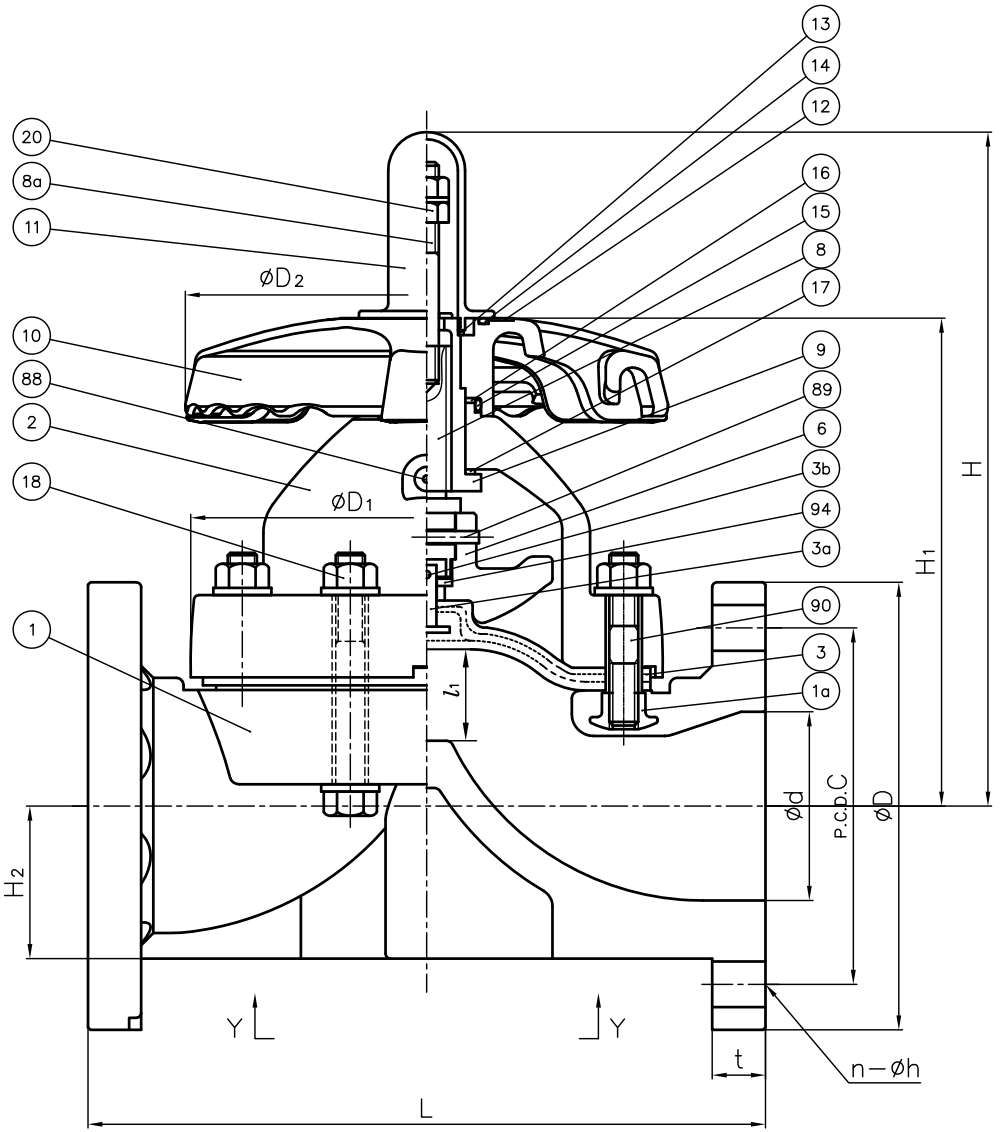
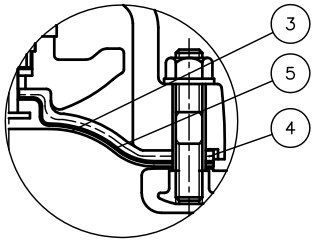
DIMENSIONS TABLE

UNIT : inch

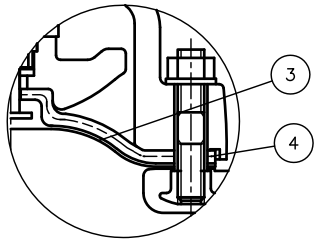
Nominal Size		d	ANSI Class 150 D	C	n	h	D_1	D_2	l_1 (LIFT)	L GRINNEL STANDARD	L AV STANDARD	t PVC C-PVC	t PP PVDF	H	H_1	H_2	S	S_1	S_2
2½"	65mm	2.64	7.00	5.50	4	0.75	6.89	8.66	1.34	–	9.84	0.87	0.91	10.47	7.40	2.40	3.35	0.43	0.79
3	80	3.07	7.50	6.00	4	0.75	7.91	8.66	1.65	10.37	11.02	0.87	0.91	11.02	7.95	2.48	3.94	0.59	1.10
4	100	3.94	9.00	7.50	8	0.75	9.49	10.12	1.97	12.93	13.39	0.87	0.94	12.95	9.49	3.07	4.72	0.59	1.10

NOTE.
1. Diaphragms except EPDM and PTFE are available in FKM, VIFLON-C (FKM-C), VIFLON-F (FKM-F), CSM and NBR when required.
2. The shape and appearance of assembly differ a little with nominal size compared to this drawing.

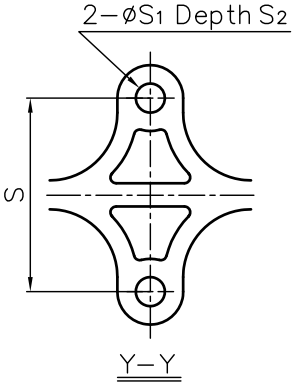




In case material of diaphragm is PTFE with cushion cover



In case material of diaphragm is PTFE



(Detail of Holes for Metallic Insert.)

No.	DESCRIPTION	QTY.	MATERIAL	REMARKS
1a	INSERTED NUT	4	COPPER ALLOY (C3604)	used for PVC, C-PVC, PP body
			STAINLESS STEEL (SUS304)	used for PVDF body
94	METAL OF COMPRESSOR	1	STAINLESS STEEL	SUS304
90	STUD BOLT・NUT	4sets	STAINLESS STEEL	SUS304
89	COMPRESSOR PIN	1	STAINLESS STEEL	SUS304
88	GREASE NIPPLE	1	COPPER ALLOY	C3604
20	STOPPER (A)	1	STAINLESS STEEL	SUS304
18	BOLT&NUT (A)	4sets	STAINLESS STEEL	SUS304
17	THRUST RING (B)	1	UHMWPE	
16	THRUST RING (A)	1	UHMWPE	
15	O-RING (B)	1	EPDM	
14	O-RING (A)	1	EPDM	
13	RETAINING RING - C TYPE	1	STAINLESS STEEL	SUS304
12	NAME PLATE	1	PVC	
11	GAUGE COVER	1	PC	
10	HAND WHEEL	1	PP	
9	SLEEVE	1	COPPER ALLOY	C3604
8a	INDICATOR ROD	1	STAINLESS STEEL	SUS304
8	STEM	1	COPPER ALLOY	C3604
6	COMPRESSOR	1	PVDF	
5	CUSHION COVER	1	□nothing (standard) □PVDF	used for PTFE diaphragm
4	CUSHION	1	EPDM	used for PTFE diaphragm
3b	DIAPHRAGM PIN	1	STAINLESS STEEL	SUS304
3a	INSERTED METAL OF DIAPHRAGM	1	STAINLESS STEEL	SUS304
3	DIAPHRAGM	1	□EPDM □PTFE □others ( )	
2	BONNET	1	BODY/BONNET □PVC/PVC □C-PVC/PP □PP/PP □PVDF/PPG □PVDF/PVDF	
1	BODY	1		

DIAPHRAGM VALVE (TYPE 14) ASS'Y
ANSI Class 150 : FLANGED END
21/2" (65mm) ~4" (100mm)
□GRINNEL STANDARD, □AV STANDARD

DRAWN	M.Iwakiri	DATE	SCALE
CHECKED	H.Kawano	FEB.12.2019	~
APPROVED	K.Koushou	DRAWING No. D1-M1002AE	5
SPECIAL ORDER No.		ASAHI YUKIZAI CORPORATION	

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