

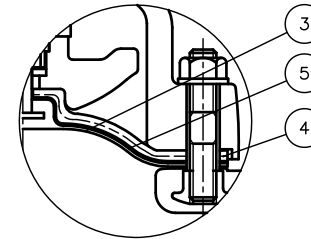
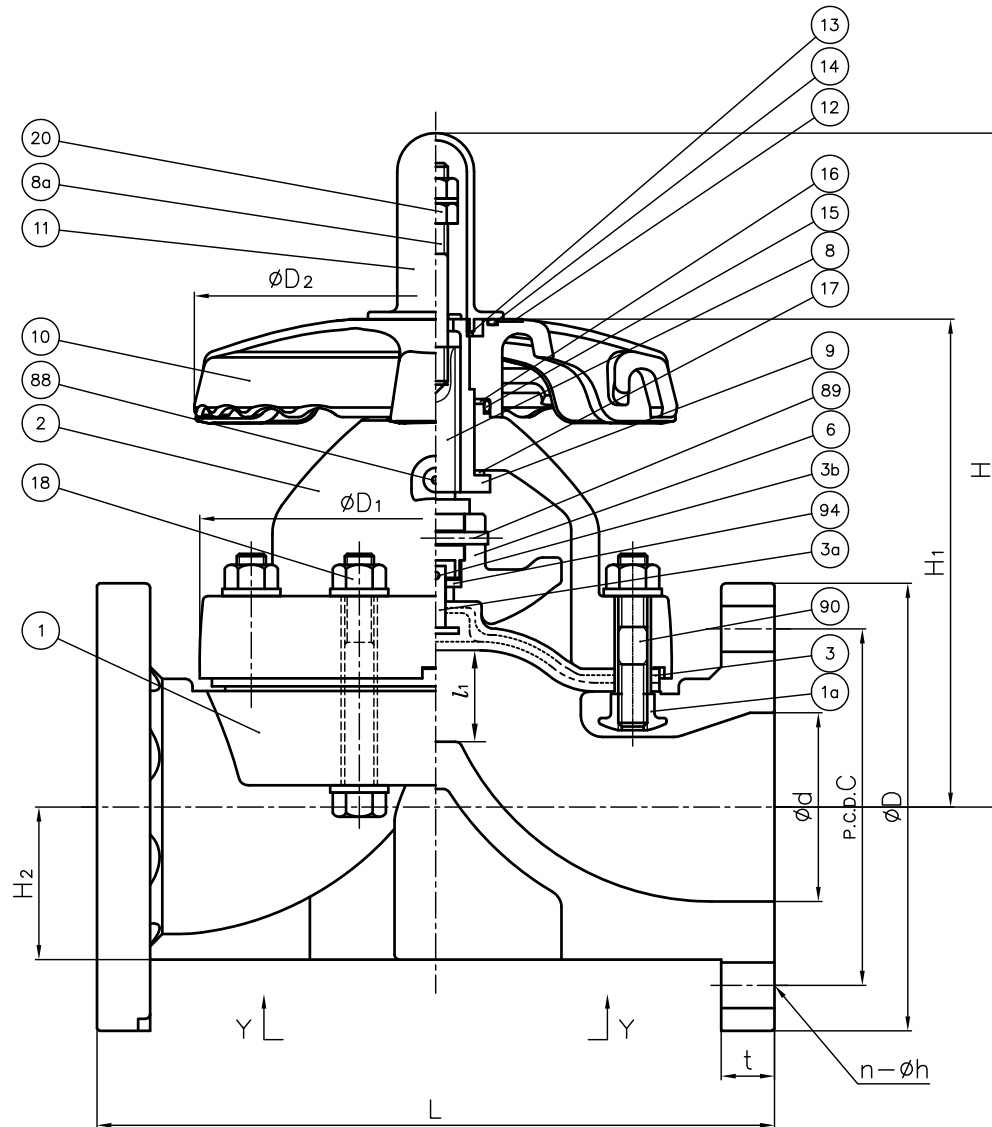
DIMENSIONS TABLE

UNIT : inch

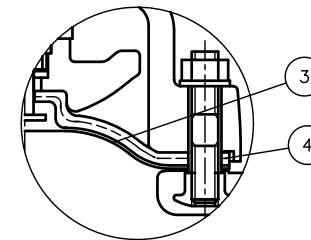
Nominal Size		d	ANSI Class 150				D ₁	D ₂	l ₁ (LIFT)	L		t		H	H ₁	H ₂	S	S ₁	S ₂
			D	C	n	h				GRINNEL STANDARD	AV STANDARD	PVC C-PVC	PP PVDF						
2½"	65 ^{mm}	2.64	7.00	5.50	4	0.75	6.89	8.66	1.34	—	9.84	0.87	0.91	10.47	7.40	2.40	3.35	0.43	0.79
3	80	3.07	7.50	6.00	4	0.75	7.91	8.66	1.65	10.37	11.02	0.87	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.

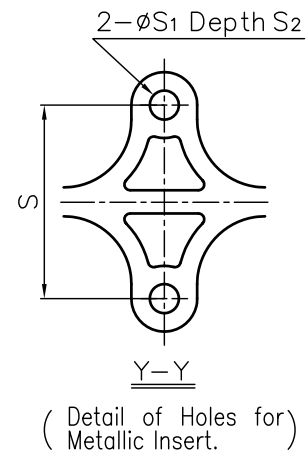
- Diaphragms except EPDM and PTFE are available in FKM, VIFLON-C (FKM-C), VIFLON-F (FKM-F), CSM and NBR when required.
- The shape and appearance of assembly differ a little with nominal size compared to this drawing.



In case material of diaphragm is PTFE with cushion cover



In case material of diaphragm is PTFE



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		
No.	DESCRIPTION	QTY.	MATERIAL	REMARKS
DIAPHRAGM VALVE (TYPE 14) ASS'Y ANSI Class 150: FLANGED END 2 1/2" (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		
SPECIAL ORDER No.				
ASAHI YUKIZAI CORPORATION				