

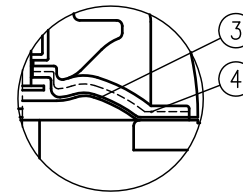
DIMENSIONS TABLE

UNIT : inch

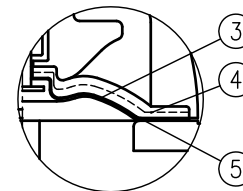
NOMINAL SIZE	d	ANSI Class 150					D ₁	D ₂	L ₁ (LIFT)	L		t	H	H ₁	H ₂	S	S ₁	S ₂
		D	C	n	h	GRINNEL STANDARD				AV STANDARD								
½"	15mm	0.63	3.50	2.38	4	0.62	2.13x2.60	3.94	0.39	4.25	4.33	0.43	4.09	3.39	0.77	0.98	0.28	0.51
¾"	20	0.79	3.88	2.75	4	0.62	2.13x2.60	3.94	0.39	5.88	4.72	0.51	4.17	3.46	0.69	0.98	0.28	0.51
1	25	0.98	4.25	3.12	4	0.62	2.64x3.15	3.94	0.47	5.88	5.12	0.59	4.37	3.66	0.73	0.98	0.28	0.51
1¼	32	1.26	4.62	3.50	4	0.62	2.64x3.15	3.94	0.47	6.38	—	0.63	4.57	3.82	0.89	0.98	0.28	0.51
1½	40	1.57	5.00	3.88	4	0.62	4.25x4.25	6.14	0.83	6.94	7.09	0.63	6.97	5.67	1.08	1.77	0.35	0.59
2	50	2.05	6.00	4.75	4	0.75	4.84x4.84	6.14	0.98	7.94	8.27	0.79	7.52	6.22	1.42	1.77	0.35	0.59

NOTE.

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



In case material of diaphragm is PTFE



In case material of diaphragm is PTFE with cushion cover

21	SCREW	1	Cr.Mo.STEEL	SCM435
20	STOPPER (A)	1	COPPER ALLOY	C3604
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
8	STEM	1	COPPER ALLOY	C3604
7	JOINT	1	STAINLESS STEEL	SUS304
6	COMPRESSOR	1	PVDF	
5	CUSHION COVER	1	□Nothing □PVDF	Used for PTFE Diaphragm
4	CUSHION	1	EPDM	Used for PTFE Diaphragm
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
ITEM	DIAPHRAGM VALVE (TYPE 14) ASS'Y ANSI Class150 : FLANGED END ½" (15mm) ~ 2" (50mm) □GRINNEL STANDARD, □AV STANDARD			
DRAWN	M.Iwakiri	DATE	SCALE	
CHECKED	H.Kawano	FEB.12.2019		
APPROVED	K.Koushou	DRAWING No. D1-M1001AE		△
SPECIAL ORDER No.	ASAHI YUKIZAI CORPORATION			

(Detail of holes for)
Metalic Insert.