

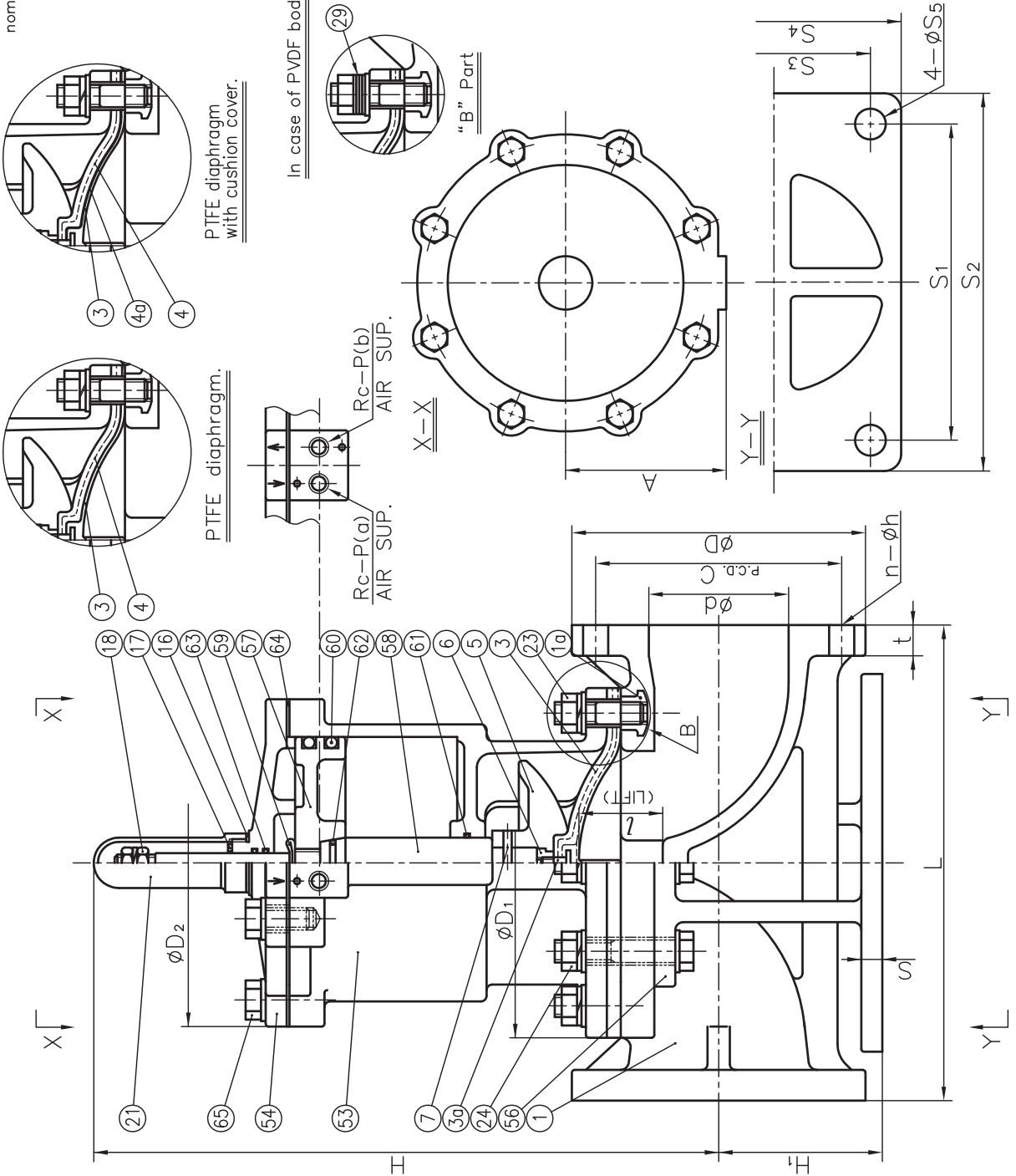
DIMENSIONS TABLE

Unit : mm

Nominal Size	DIN PN10			t																		
	d	D	C	n	h	L	PVC	PP PVDF	D1	D2	A	l	H	H1	S	S1	S2	S3	S4	S5	P	
125 ^{mm} 5"	125	250	210	8	18	400	22	23	320	305	150	60	508	143	15	310	350	280	320	23	1/4	
150	6	148	285	240	8	22	480	24	27	385	385	195	70	566	148	16	360	400	310	350	23	1/4

NOTE:

- Operation of permission pressure:0.4~0.6MPa G
Valve open : Port (a) Exhaust, Port (b) Supply
Valve shut : Port (a) Supply, Port (b) Exhaust
- ③ Diaphragms except EPDM and PTFE are available in FKM,VFLON-C (FKM-C), VFLON-F (FKM-F), CSM and NBR when required.
- The shape and appearance of assembly differ a little with nominal size compared to this drawing.



No.	DESCRIPTION	QTY.	MATERIAL	REMARKS
1a	INSERTED NUT	4	COPPER ALLOY (C3604) STAINLESS STEEL (SUS304)	Used for PVC & PP Body Used for PVDF Body
65	BOLT (A)	—	STAINLESS STEEL (SUS304)	
64	SHEET GASKET (C)	1	NBR	
63	O-RING (G)	2	NBR	
62	O-RING (F)	1	NBR	
61	O-RING (E)	1	NBR	
60	O-RING (D)	2	NBR	
59	STEM PIN	1	SPRING STEEL (SIP)	
58	STEM (A)	1	STAINLESS STEEL (SUS304)	
57	PISTON	1	CAST ALUMINUM ALLOY (AC2A)	
56	STAND (A)	1	CAST ALUMINUM ALLOY (AC2A)	epoxy coat.
54	CYLINDER BONNET	1	CAST ALUMINUM ALLOY (AC2A)	epoxy coat.
53	CYLINDER BODY	1	CAST ALUMINUM ALLOY (AC2A)	epoxy coat.
29	CONICAL SPRING WASHER	—	STAINLESS STEEL (SUS304)	Used for PVDF Body
24	BOLT • NUT (A)	4	STAINLESS STEEL (SUS304)	
23	STUD BOLT • NUT	4	STAINLESS STEEL (SUS304)	
21	GAUGE COVER	1	PC	
18	STOPPER	1	STAINLESS STEEL (SUS304)	
17	SHEET RING	1	STAINLESS STEEL (SUS304)	
16	SHEET GASKET (A)	1	EPDM	
7	COMPRESSOR PIN	1	STAINLESS STEEL (SUS304)	
6	COMPRESSOR NUT	1	COPPER ALLOY (C3604)	
5	COMPRESSOR	1	PVDF	
4a	CUSHION COVER	1	Nothing □PVDF	Used for PTFE Diaphragm
4	CUSHION	1	□EPDM □PVDF □Others ()	Used for PTFE Diaphragm
3a	INSERTED METAL OF DIAPHRAGM (A)	1	STAINLESS STEEL (SUS304)	
3	DIAPHRAGM	1	□EPDM □PTFE □Others ()	
1	BODY	1	□PVC □PP □PVDF	

ITEM	DIAPHRAGM VALVE (TYPE 15) PNEUMATIC ACTUATED MODEL TYPE AV ASS'Y DOUBLE ACTING DIN PN10 • FLANGED END 125mm (5"), 150mm (6")		
DRAWN	M.Iwakiri	DATE	NOV.1.2024
CHECKED	Y.Sato	SCALE	—
APPROVED	K.Yoshino	DRAWING No.	D5-AA002DE
SPECIAL ORDER No.	ASAHI YUKIZAI CORPORATION		