

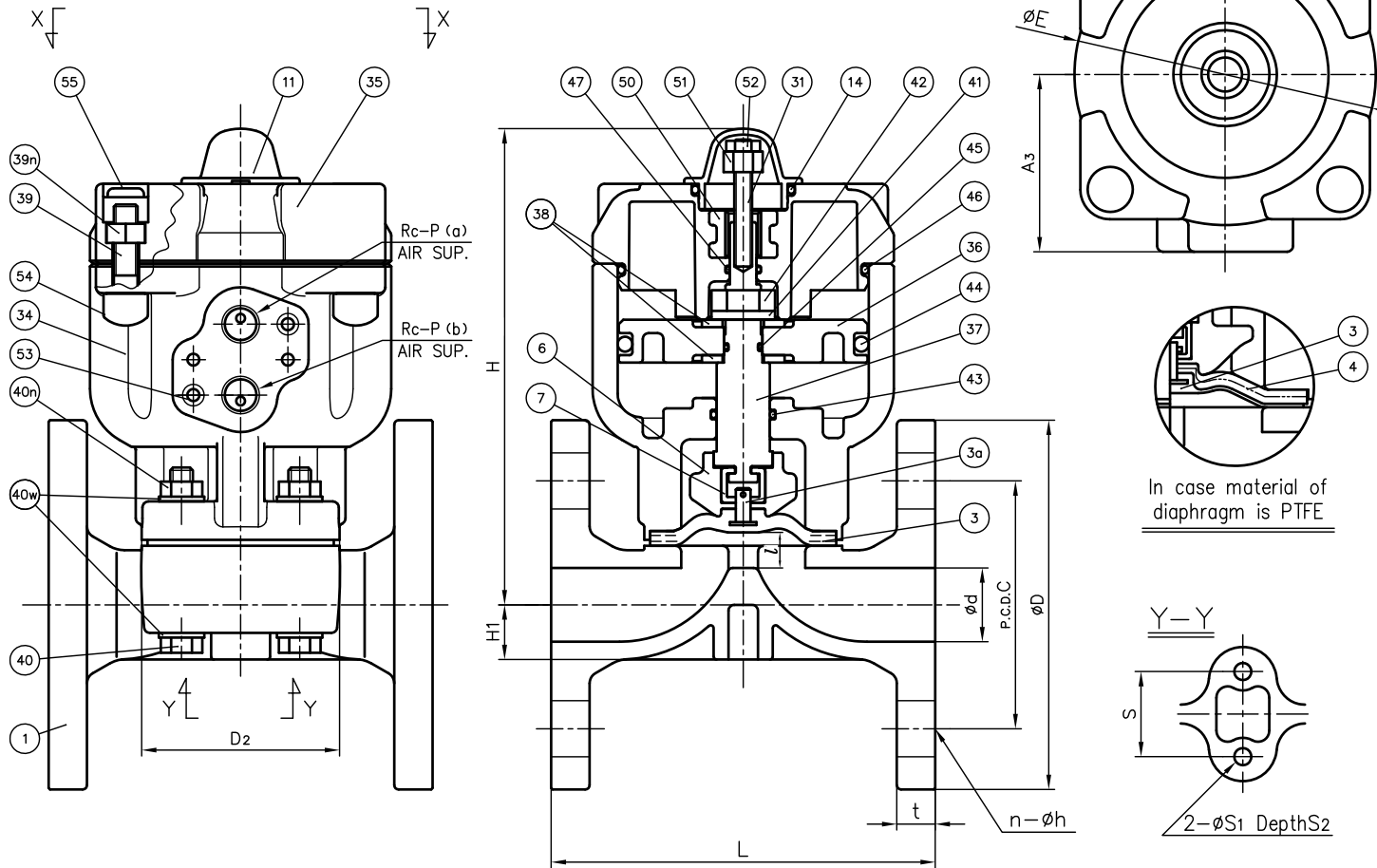
DIMENSIONS TABLE

UNIT : mm

NOMINAL SIZE	d	ANSI Class 150					D2	D3	E	L		t	l (LIFT)	H	H1	A3	S	S1	S2	P
		D	C	n	h	GRINNEL STANDARD				AY STANDARD										
		15mm	20	25	32															
1/2"	16	89	60.5	4	16	54×66	91	94	108	110	12	8	145	19.5	55	25	7	13	1/4	
3/4"	20	98	70	4	16	60×74	91	94	149	120	13	8	153	17.5	55	25	7	13	1/4	
1"	25	108	79.5	4	16	67×80	100	102	149	130	13	10	161	18.5	60	25	7	13	1/4	
1 1/4"	32	117	89	4	16	67×80	100	102	162	-	16	10	165	22.5	60	25	7	13	1/4	

NOTE.

1. Operation of permission pressure: 0.4~0.6MPa
2. Double Acting : Valve open : Port (a) Exhaust Port (b) Supply
Valve shut : Port (a) Supply Port (b) Exhaust
3. The shape and appearance of assembly differ a little with nominal size compared to this drawing.



55	CAP	4	EPDM	Blue
54	CAP FOR HEXAGON SOCKET HEAD CAP SCREWS	4	PVC	
53	INSERTED METAL OF CYLINDER BODY	2	STAINLESS STEEL (SUS304)	
52	NUT (No.52)	1	STAINLESS STEEL (SUS304)	
51	STOPPER FOR PNEUMATIC ACTUATOR	1	STAINLESS STEEL (SUS304)	
50	INSERTED METAL OF CYLINDER COVER	1	STAINLESS STEEL (SUS304)	
47	O-RING (No.47)	1	NBR	
46	O-RING (No.46)	1	NBR	
45	O-RING (No.45)	1	NBR	
44	O-RING (No.44)	1	NBR	
43	O-RING (No.43)	1	NBR	
42	NUT (No.42)	1	STAINLESS STEEL (SUS304)	
41	SPRING WASHER	1	STAINLESS STEEL (SUS304)	
40n	NUT (No.40)	4	STAINLESS STEEL (SUS304)	
40w	WASHER (No.40)	8	STAINLESS STEEL (SUS304)	
40	BOLT (No.40)	4	STAINLESS STEEL (SUS304)	
39n	NUT (No.39)	4	STAINLESS STEEL (SUS304)	
39	HEXAGON SOCKET HEAD CAP SCREWS	4	STAINLESS STEEL (SUS304)	
38	WASHER (No.38)	2	STAINLESS STEEL (SUS304)	
37	STEM FOR PNEUMATIC ACTUATOR	1	COPPER ALLOY (C3604)	
36	PISTON	1	PPG	
35	CYLINDER COVER	1	PPG	
34	CYLINDER BODY	1	PPG	
31	INDICATOR ROD	1	STAINLESS STEEL (SUS304)	
14	O-RING (No.14)	1	EPDM	
11	GAUGE COVER	1	PC	
7	JOINT	1	STAINLESS STEEL (SUS304)	
6	COMPRESSOR	1	PVDF	
4	CUSHION	1	EPDM	Used for PTFE Diaphragm
3a	INSERTED METAL OF DIAPHRAGM	1	STAINLESS STEEL (SUS304)	
3	DIAPHRAGM	1	□EPDM □PTFE □Others ()	
1	BODY	1	□PVC □C-PVC □PP □PVDF	

No. DESCRIPTION QTY. MATERIAL REMARKS

DIAPHRAGM VALVE PNEUMATIC ACTUATED MODEL TYPE AI ASS'Y
DOUBLE ACTING
ANSI Class 150: FLANGED END
15mm (1/2") ~ 32mm (1 1/4")

DRAWN	M.Iwakiri	DATE	SCALE
CHECKED	H.Kawano	MAY.21.2019	~
APPROVED	K.Koushou	DRAWING No. D1-AA086AE m	
SPECIAL ORDER No.	ASAHI YUKIZAI CORPORATION		