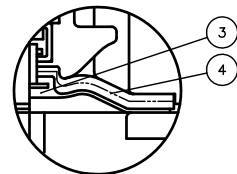
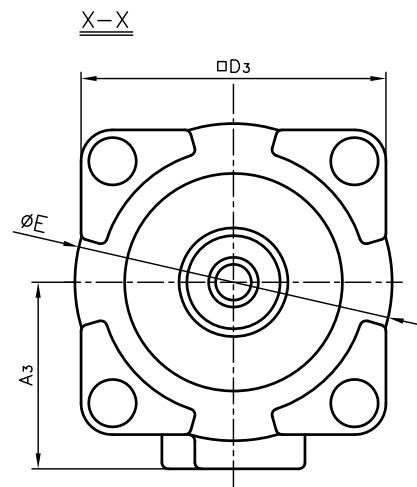
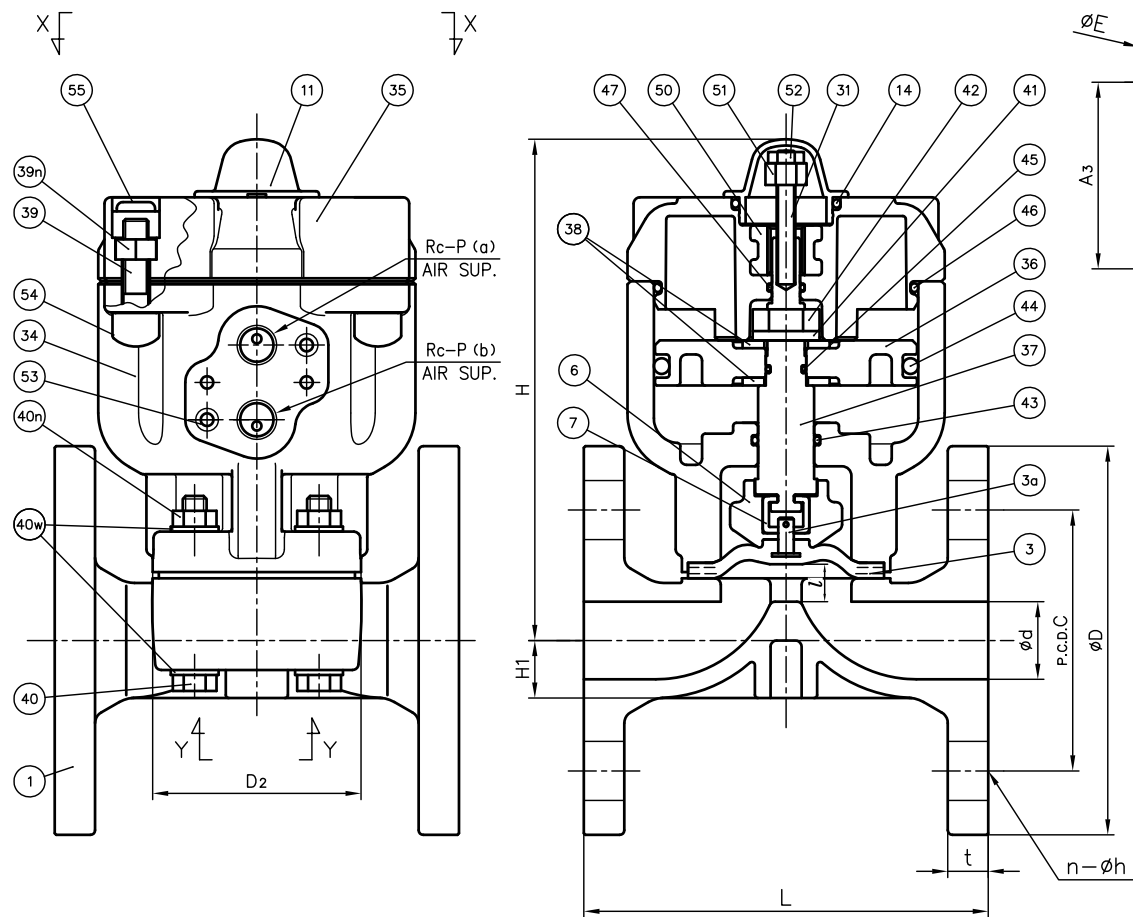


UNIT: mm

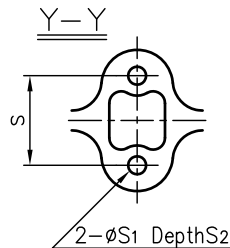
NOMINAL SIZE		d	ANSI Class 150				D ₂	D ₃	E	L		t	l (LIFT)	H	H ₁	A ₃	S	S ₁	S ₂	P
			D	C	n	h				GRINDEL STANDARD	AY STANDARD									
½"	15mm	16	89	60.5	4	16	54×66	91	94	108	110	12	8	145	19.5	55	25	7	13	¼
¾	20	20	98	70	4	16	60×74	91	94	149	120	13	8	153	17.5	55	25	7	13	¼
1	25	25	108	79.5	4	16	67×80	100	102	149	130	13	10	161	18.5	60	25	7	13	¼
1¼	32	32	117	89	4	16	67×80	100	102	162	—	16	10	165	22.5	60	25	7	13	¼

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.



In case material of diaphragm is PTFE



55	CAP	4	EPDM	Blue
54	CAP FOR HEXAGON SOCKET HEAD CAP SCREWS	4	PVC	
53	INSERTED METAL OF CYLINDER BODY	2	STAINLESS STEEL (SUS303)	
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
15^{mm} (1/2") ~ 32^{mm} (1 1/4")

DRAWN	M.Iwakiri	DATE	SCALE
CHECKED	H.Kawano	MAY.21.2019	
APPROVED	K.Koushou	DRAWING No.	
		D1-AA086AEm	

ASAHI YUKIZAI CORPORATION