

No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC □HT (JIS: Brown) □CPVC (ANSI-DIN: Gray) □PP □PVDF
2	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
3	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
4	Cover	1	GF-PP
5	Piston	1	GF-PP
6	Housing	1	GF-PP
7	Positioning	1	GF-PP
8	O-Ring	6	NBR
9	Spindle	1	SUS304
10	Connecting Nut	1	C3604
11	Compressor	1	GF-PP
12	Indicator	1	PA
13	Spring unit	-	Spring Steel
14	Hexagon Nut	1	SUS304
15	Washer	2	SUS304
16	Hexagon Head Bolt	-	SUS304
17	Hexagon Nut	-	SUS304
18	Spring Washer	-	SUS304
19	Washer	-	SUS304
20	Air Intake Port	2	SUS304 (Rc1/4)
21	Screw	1	SUS304
22	Cover Insert Nut	1	SUS304
23	Reinforcing Plate ※2)	2	SUS304
24	Stud Bolt	-	SUS304 ※1)
25	Insert Nut	-	(PVC, HT, PP) C3604 ※1) (PVDF) SUS304 ※1)
26	Cap Cover	1	PC

※1) 40,50A
※2) HT,PP,PVDF

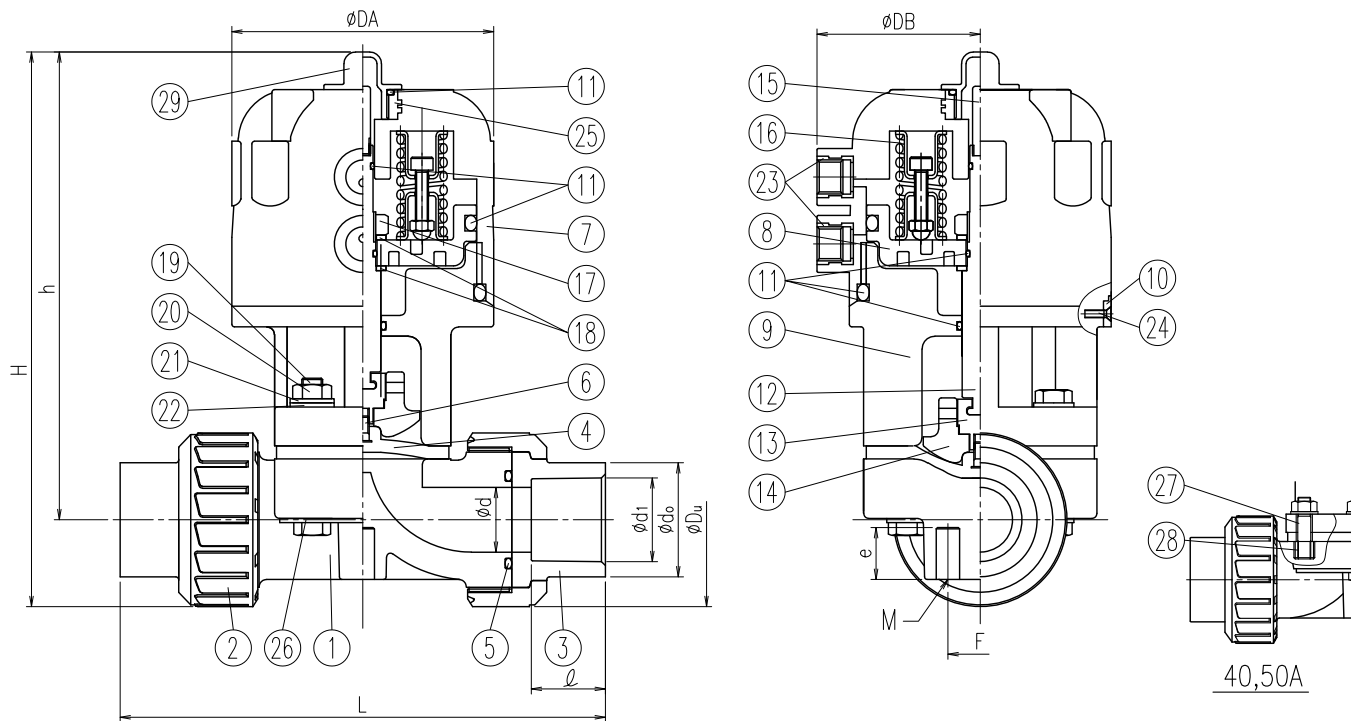
Dimension Table

Unit: mm

Size	A (B)	ϕd	L	JIS10K				ANSI				DIN				H	h	ϕDA	ϕDB	Weight kg/unit
				ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t					
□ 15 (1/2)	16	110±1.5	95	70	4-15	14	90	60.5	4-16	11	95	65	4-14	14	223	176	101	63	1.6	
□ 20 (3/4)	20	120±1.5	100	75	4-15	14	100	70.0	4-16	13	105	75	4-14	14	226	176	101	63	1.7	
□ 25 (1)	25	130±1.5	125	90	4-19	14	110	79.5	4-16	14	115	85	4-14	14	246	183	101	63	1.8	
□ 32 (1.1/4)	32	142±1.5	135	100	4-19	16	117	89	4-16	15.7	140	100	4-18	15	251	183	101	63	2.1	
□ 40 (1.1/2)	41	180±1.5	140	105	4-19	16	127	98.5	4-16	17	150	110	4-18	16	373	303	155	90	8.0	
□ 50 (2)	52	210±1.5	155	120	4-19	20	155	120.5	4-20	19	165	125	4-18	20	384	307	155	90	8.9	

Note) 1. Flange dimension is in accordance with the following standard;
JIS B 2220 for JIS10K, ANSI B16.5 for ANSI and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN
2. Max. Permissible Working Pressure (at 20°C) : Specification of 10K:1.0MPa, 7K:0.7MPa

Client name		Date
Valve pressure	□10K □7K	Approved by:
Flange Standard	□JIS10K □ANSI □DIN	
Oil Free	□YES	
ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F Air To Open (Fail Close) / Flange Type 15-50A		
Drawing No.	FDAS1550FE	
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC
2	Union Nut	2	□HT (JIS: Brown)
3	TS Socket	2	□CPVC (ANSI-DIN: Gray)
4	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
5	O-Ring	2	□EPDM □FKM
6	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
7	Cover	1	GF-PP
8	Piston	1	GF-PP
9	Housing	1	GF-PP
10	Positioning	1	GF-PP
11	O-Ring	6	NBR
12	Spindle	1	SUS304
13	Connecting Nut	1	C3604
14	Compressor	1	GF-PP
15	Indicator	1	PA
16	Spring unit	-	Spring Steel
17	Hexagon Nut	1	SUS304
18	Washer	2	SUS304
19	Hexagon Head Bolt	-	SUS304
20	Hexagon Nut	-	SUS304
21	Spring Washer	-	SUS304
22	Washer	-	SUS304
23	Air Intake Port	2	SUS304 (Rc1/4)
24	Screw	1	SUS304
25	Cover Insert Nut	1	SUS304
26	Reinforcing Plate ※2)	2	SUS304
27	Stud Bolt	-	SUS304 ※1)
28	Insert Nut	-	C3604 ※1)
29	Cap Cover	1	PC

※1) 40,50A

※2) HT,PP,PVDF

Dimension Table

Unit: mm

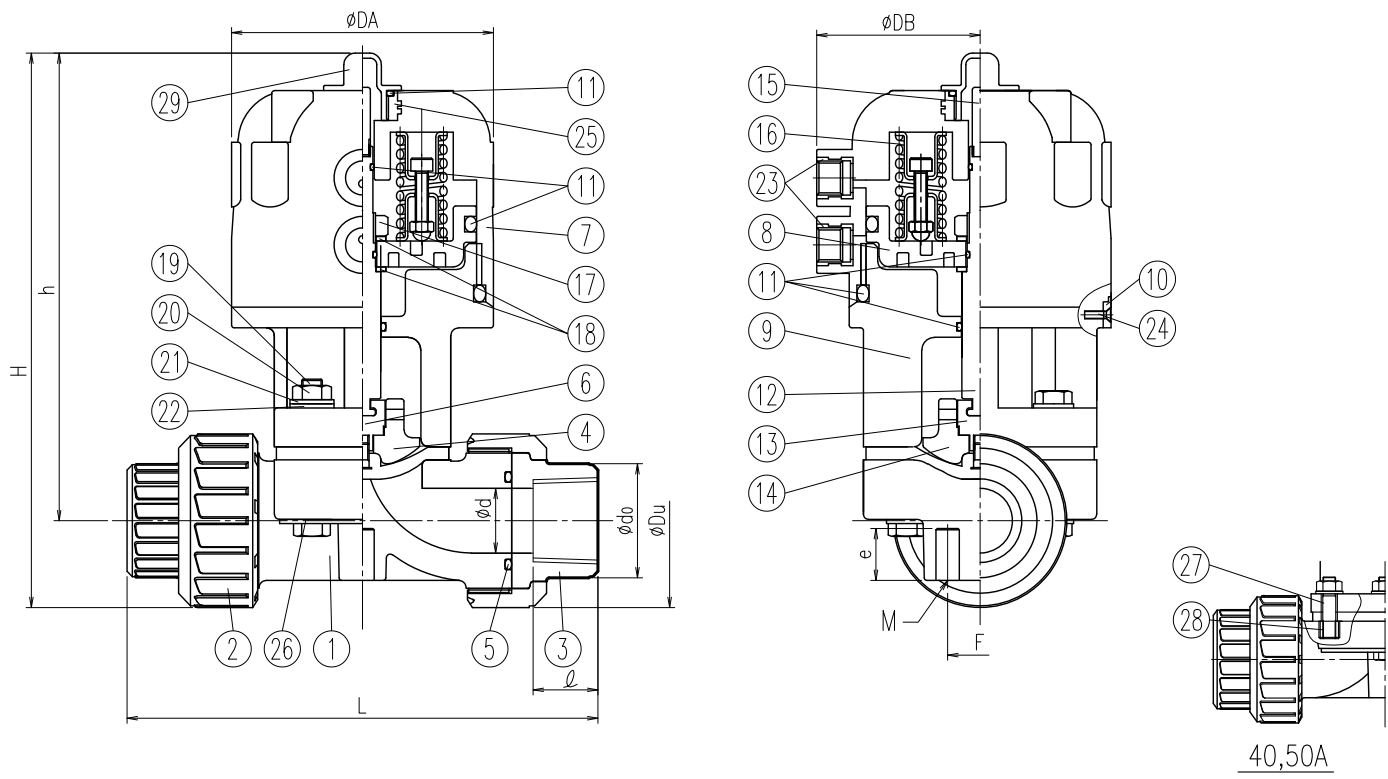
Size	A(B)	ød	ødo	JIS				ASTM				DIN				H	h	øDu	øDA	øDB	Fixing Insert Nut		Weight kg/unit
				L	ød1	1/T	ℓ	L	ød1	1/T	ℓ	L	ød1	1/T	ℓ						F	MXe	
□ 15(1/2)	16	33	144±3.0	22.3	1/37	22	137±3.0	21.54	1/72	22.22	126±3.0	20.3	1/65	16	202	177	49	101	63	25	M6x12	1.4	
□ 20(3/4)	20	35	172±3.0	26.3	1/42	25	158±3.0	26.87	1/85	25.40	146±3.0	25.3	1/80	19	206	176	59	101	63	25	M6x12	1.5	
□ 25(1)	25	44	187±3.0	32.3	1/43	29	177±3.0	33.65	1/75	28.58	165±3.0	32.3	1/95	22	215	181	67	101	63	25	M6x12	1.6	
□ 32(1·1/4)	32	54	210±3.0	38.4	1/37	32	190±3.0	42.42	1/84	31.75	179±3.0	40.3	1/115	26	224	183	81	101	63	25	M6x12	1.9	
□ 40(1·1/2)	40	66	262±3.0	48.5	1/38	35	258±3.0	48.56	1/78	34.93	247±3.0	50.3	1/140	31	356	307	98	155	90	45	M8x12	8.0	
□ 50(2)	50	77	298±3.0	60.7	1/34	38	283±3.0	60.63	1/83	38.10	284±3.0	63.3	1/175	38	368	308	120	155	90	45	M8x12	8.9	

Note) 1. TS socket dimension is in accordance with the following standard;JIS:JIS K6743,ASTM:ASTM D2467,DIN:DIN2501 PN10/PN16(ISO7005 PN10)

2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

3. Max.Permissible Working Pressure (at20°C) : Specification of 10K:1.0MPa, 7K:0.7MPa

Client name		Date
Valve pressure □10K □7K	Approved by:	
Socket Standard □JIS □ASTM □DIN		
Oil Free □YES		
ESLON PNEUMATIC DIAPHRAGM VALVE TYPE--F Air To Open (Fail Close) /TS Socket 15-50A		
Drawing No. FDAS1550SE		
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC
2	Union Nut	2	□PVDF
3	Screw Socket	2	
4	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
5	O-Ring	2	□EPDM □FKM
6	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
7	Cover	1	GF-PP
8	Piston	1	GF-PP
9	Housing	1	GF-PP
10	Positioning	1	GF-PP
11	O-Ring	6	NBR
12	Spindle	1	SUS304
13	Connecting Nut	1	C3604
14	Compressor	1	GF-PP
15	Indicator	1	PA
16	Spring unit	-	Spring Steel
17	Hexagon Nut	1	SUS304
18	Washer	2	SUS304
19	Hexagon Head Bolt	-	SUS304
20	Hexagon Nut	-	SUS304
21	Spring Washer	-	SUS304
22	Washer	-	SUS304
23	Air Intake Port	2	SUS304 (Rc1/4)
24	Screw	1	SUS304
25	Cover Insert Nut	1	SUS304
26	Reinforcing Plate ※2)	2	SUS304
27	Stud Bolt	-	SUS304 ※1)
28	Insert Nut	-	C3604 ※1) (PVC) SUS304 ※1) (PVDF)
29	Cap Cover	1	PC

※1) 40,50A
 ※2) HT,PP,PVDF

Dimension Table

unit:mm

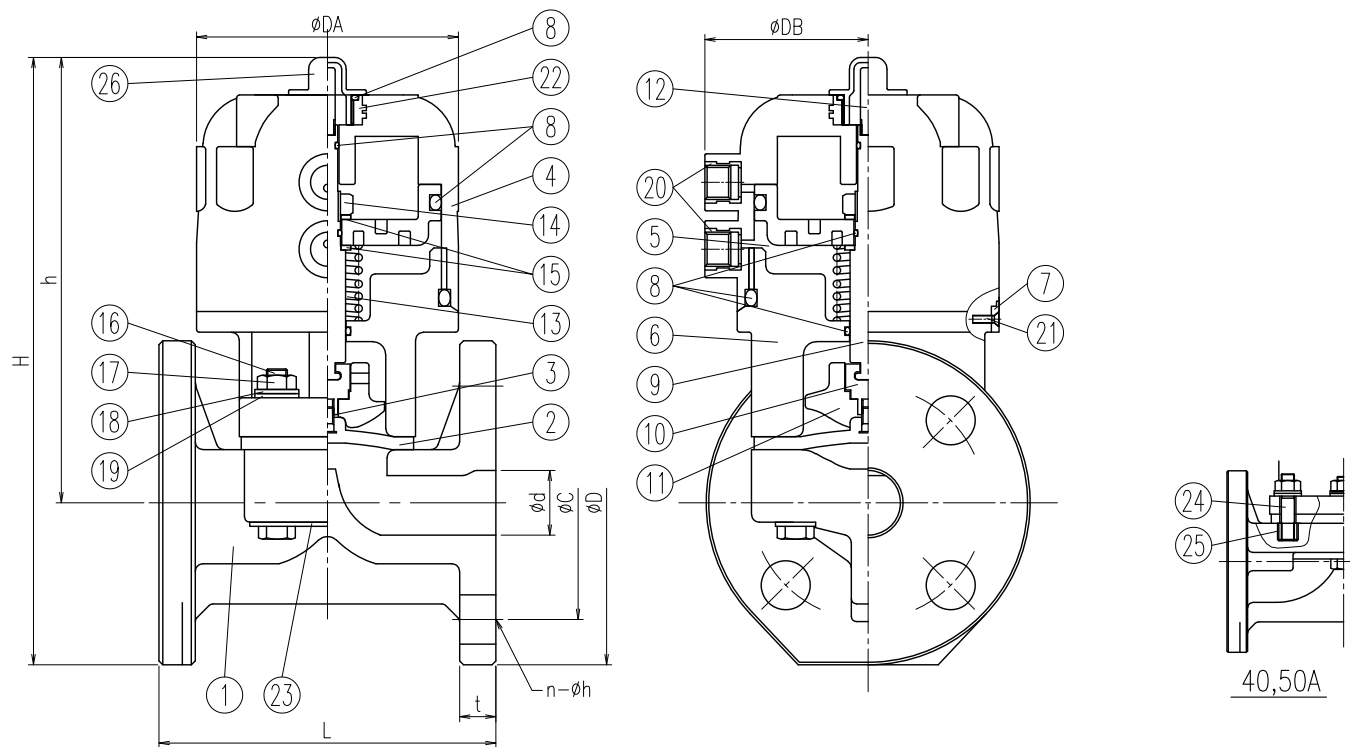
Size	A(B)	ød	JIS:Rc						ANSI:NPT			DIN:Rp			H	h	øDu	øDA	øDB	Fixing Insert Nut		Weight kg/unit
			L		ℓ		ødo	L	ℓ	ødo	L	ℓ	ødo	F						MXe		
			PVC	PVDF	PVC	PVDF																
□ 15 (1/2)	16	133±3.0	134±3.0	18	20	30	133±3.0	18	30	133±3.0	18	30	201	176	49	101	63	25	M6x12	1.4		
□ 20 (3/4)	20	157±3.0	157±3.0	18	22	35	157±3.0	18	35	157±3.0	18	35	206	176	59	101	63	25	M6x12	1.5		
□ 25 (1)	25	173±3.0	180±3.0	23	24	44	173±3.0	23	44	173±3.0	23	44	217	183	67	101	63	25	M6x12	1.6		
□ 32 (1-1/4)	31	188±3.0	191±3.0	23	25	54	188±3.0	23	54	188±3.0	23	54	224	183	81	101	63	25	M6x12	1.9		
□ 40 (1-1/2)	40	248±3.0	254±3.0	25	28	65	248±3.0	25	65	248±3.0	25	65	356	307	98	155	90	45	M8x12	8.0		
□ 50 (2)	50	280±3.0	290±3.0	30	30	77	269±3.0	30	77	269±3.0	30	77	368	308	120	155	90	45	M8x12	8.9		

Note) 1. Thread dimension is in accordance with the following standard;JIS:JIS B 0203,ANSI:ANSI B1.20.1,DIN:DIN2501 PN10/PN16 (ISO7005 PN10)
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.
 3. Max.Permissible Working Pressure (at20°C) : Specification of 10K:1.0MPa, 7K:0.7MPa

Client name		Date	
Valve pressure	□10K □7K	Approved by:	
Screw Socket	□Rc □NPT □Rp		
Oil Free	□YES		

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F
 Air To Open (Fail Close) / Thread Socket 15-50A
 Drawing No. FDAS1550NE

SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC □HT (JIS: Brown) □CPVC (ANSI-DIN: Gray) □PP □PVDF
2	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
3	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
4	Cover	1	GF-PP
5	Piston	1	GF-PP
6	Housing	1	GF-PP
7	Positioning	1	GF-PP
8	O-Ring	6	NBR
9	Spindle	1	SUS304
10	Connecting Nut	1	C3604
11	Compressor	1	GF-PP
12	Indicator	1	PA
13	Spring	1	Spring Steel
14	Hexagon Nut	1	SUS304
15	Washer	2	SUS304
16	Hexagon Head Bolt	-	SUS304
17	Hexagon Nut	-	SUS304
18	Spring Washer	-	SUS304
19	Washer	-	SUS304
20	Air Intake Port	2	SUS304 (Rc1/4)
21	Screw	1	SUS304
22	Cover Insert Nut	1	SUS304
23	Reinforcing Plate ※2)	2	SUS304
24	Stud Bolt	-	SUS304 ※1)
25	Insert Nut	-	(PVC, HT, PP) C3604 ※1) (PVDF) SUS304 ※1)
26	Cap Cover	1	PC

※1) 40,50A
 ※2) HT,PP,PVDF

Dimension Table

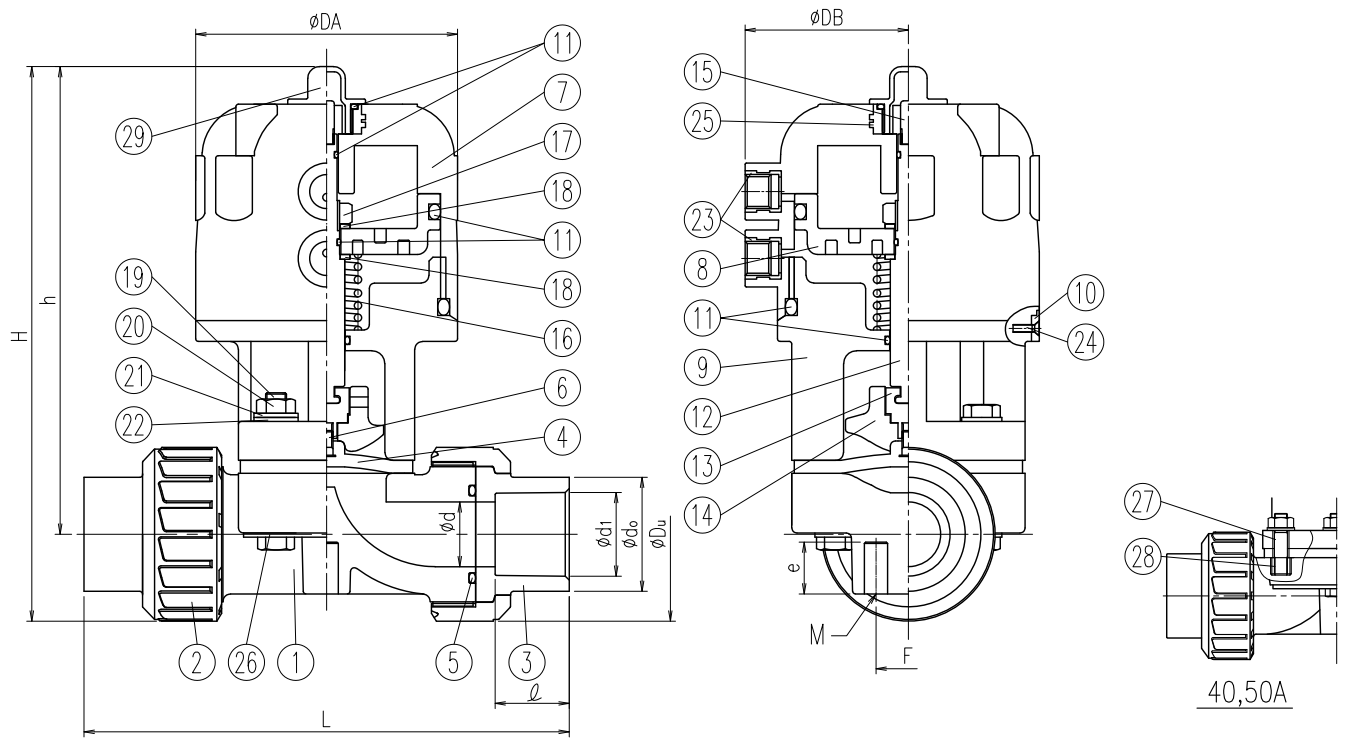
Unit: mm

Size	A(B)	φd	L	JIS10K				ANSI				DIN				H	h	φDA	φDB	Weight kg/unit
				φD	φC	n-φh	t	φD	φC	n-φh	t	φD	φC	n-φh	t					
□ 15(1/2)	16	110±1.5	95	70	4-15	14	90	60.5	4-16	11	95	65	4-14	14	223	176	101	63	1.3	
□ 20(3/4)	20	120±1.5	100	75	4-15	14	100	70.0	4-16	13	105	75	4-14	14	226	176	101	63	1.4	
□ 25(1)	25	130±1.5	125	90	4-19	14	110	79.5	4-16	14	115	85	4-14	14	246	183	101	63	1.5	
□ 32(1·1/4)	32	142±1.5	135	100	4-19	16	117	89.0	4-16	15.7	140	100	4-18	15	251	183	101	63	1.8	
□ 40(1·1/2)	41	180±1.5	140	105	4-19	16	127	98.5	4-16	17	150	110	4-18	16	373	303	155	90	7.3	
□ 50(2)	52	210±1.5	155	120	4-19	20	155	120.5	4-20	19	165	125	4-18	20	384	307	155	90	8.2	

Note) 1. Flange dimension is in accordance with the following standard;
 JIS B 2220 for JIS10K, ANSI B16.5 for ANSI and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN
 2. Max. Permissible Working Pressure (at 20°C) : 1.0MPa

Client name		Date
Screw Socket	<input type="checkbox"/> JIS <input type="checkbox"/> ANSI <input type="checkbox"/> DIN	Approved by:
Oil Free	<input type="checkbox"/> YES	

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F
 Air To Close (Fail Open) / Flange Type 15-50A
 Drawing No. FDAA1550FE
SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC
2	Union Nut	2	□HT (JIS: Brown)
3	TS Socket	2	□CPVC (ANSI-DIN: Gray)
4	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
5	O-Ring	2	□EPDM □FKM
6	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
7	Cover	1	GF-PP
8	Piston	1	GF-PP
9	Housing	1	GF-PP
10	Positioning	1	GF-PP
11	O-Ring	6	NBR
12	Spindle	1	SUS304
13	Connecting Nut	1	C3604
14	Compressor	1	GF-PP
15	Indicator	1	PA
16	Spring	1	Spring Steel
17	Hexagon Nut	1	SUS304
18	Washer	2	SUS304
19	Hexagon Head Bolt	-	SUS304
20	Hexagon Nut	-	SUS304
21	Spring Washer	-	SUS304
22	Washer	-	SUS304
23	Air Intake Port	2	SUS304 (Rc1/4)
24	Screw	1	SUS304
25	Cover Insert Nut	1	SUS304
26	Reinforcing Plate ※2)	2	SUS304
27	Stud Bolt	-	SUS304 ※1)
28	Insert Nut	-	C3604 ※1)
29	Cap Cover	1	PC

※1) 40,50A
 ※2) HT

Dimension Table

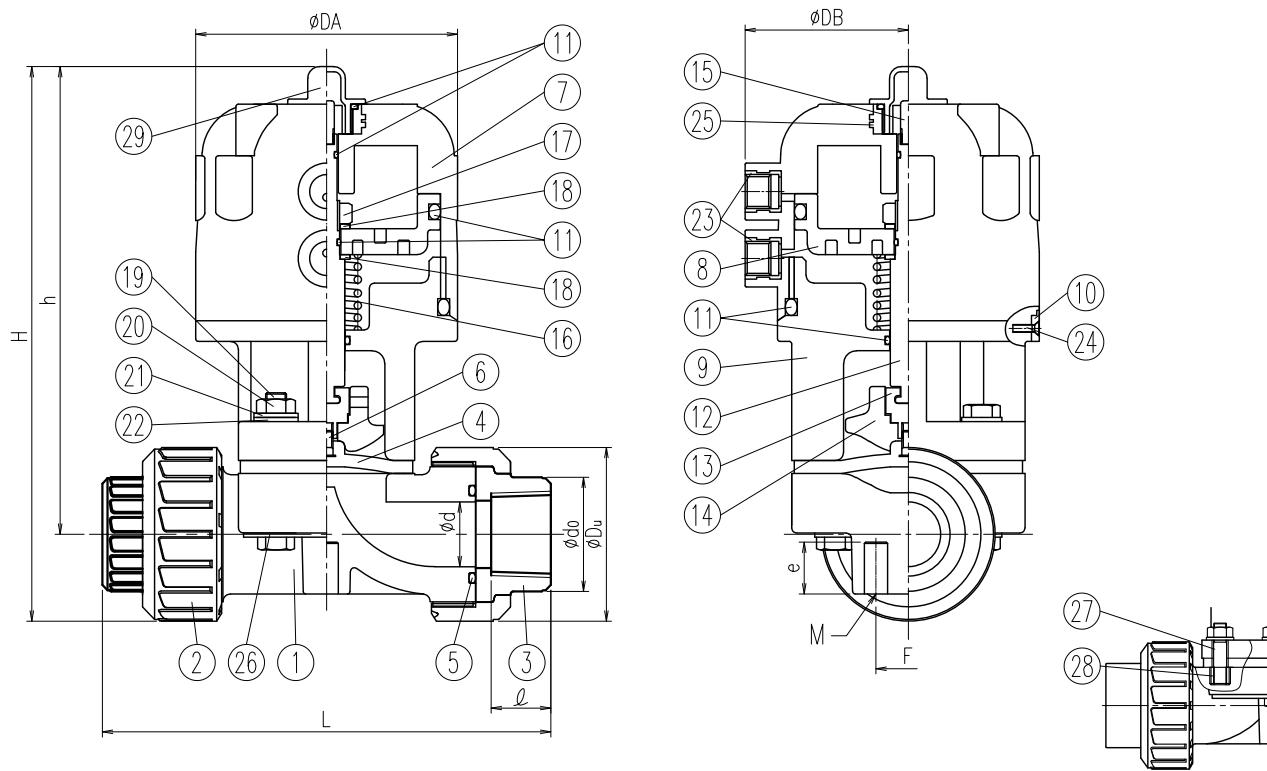
Unit: mm

SIZE	A (B)	ød	ødo	JIS				ASTM				DIN				H	h	øDu	øDA	øDB	Fixing Insert Nut		Weight kg/unit
				L	ød1	1/T	ℓ	L	ød1	1/T	ℓ	L	ød1	1/T	ℓ						F	MXe	
□ 15 (1/2)	16	33	144±3.0	22.3	1/37	22	137±3.0	21.54	1/72	22.22	126±3.0	20.3	1/65	16	202	177	49	101	63	25	M6x12	1.1	
□ 20 (3/4)	20	35	172±3.0	26.3	1/42	25	158±3.0	26.87	1/85	25.40	146±3.0	25.3	1/80	19	206	176	59	101	63	25	M6x12	1.2	
□ 25 (1)	25	44	187±3.0	32.3	1/43	29	177±3.0	33.65	1/75	28.58	165±3.0	32.3	1/95	22	215	181	67	101	63	25	M6x12	1.3	
□ 32 (1-1/4)	32	54	210±3.0	38.4	1/37	32	190±3.0	42.42	1/84	31.75	179±3.0	40.3	1/115	26	224	183	81	101	63	25	M6x12	1.6	
□ 40 (1-1/2)	40	66	262±3.0	48.5	1/38	35	258±3.0	48.56	1/78	34.93	247±3.0	50.3	1/140	31	356	307	98	155	90	45	M8x12	7.3	
□ 50 (2)	50	77	298±3.0	60.7	1/34	38	283±3.0	60.63	1/83	38.10	284±3.0	63.3	1/175	38	368	308	120	155	90	45	M8x12	8.2	

Note) 1. TS socket dimension is in accordance with the following standard;
 JIS:JIS K6743,ASTM:ASTM D2467,DIN:DIN2501 PN10/PN16 (ISO7005 PN10)
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.
 3. Max.Permissible Working Pressure (at20°C) : Specification of 10K:1.0MPa, 7K:0.7MPa

Client name		Date
Screw Socket	<input type="checkbox"/> JIS <input type="checkbox"/> ASTM <input type="checkbox"/> DIN	Approved by:
Oil Free	<input type="checkbox"/> YES	

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F
 Air To Close (Fail Open) /TS Socket 15-50A
 Drawing No. |FDAA1550SE
SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC
2	Union Nut	2	□PVDF
3	Thread Socket	2	
4	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
5	O-Ring	2	□EPDM □FKM
6	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
7	Cover	1	GF-PP
8	Piston	1	GF-PP
9	Housing	1	GF-PP
10	Positioning	1	GF-PP
11	O-Ring	6	NBR
12	Spindle	1	SUS304
13	Connecting Nut	1	C3604
14	Compressor	1	GF-PP
15	Indicator	1	PA
16	Spring	1	Spring Steel
17	Hexagon Nut	1	SUS304
18	Washer	2	SUS304
19	Hexagon Head Bolt	-	SUS304
20	Hexagon Nut	-	SUS304
21	Spring Washer	-	SUS304
22	Washer	-	SUS304
23	Air Intake Port	2	SUS304 (Rc1/4)
24	Screw	1	SUS304
25	Cover Insert Nut	1	SUS304
26	Reinforcing Plate ※2)	2	SUS304
27	Stud Bolt	-	SUS304 ※1)
28	Insert Nut	-	C3604 ※1) (PVC) SUS304 ※1) (PVDF)
29	Cap Cover	1	PC

40,50A

※1) 40,50A
※2) PVDF

Dimension Table

Unit: mm

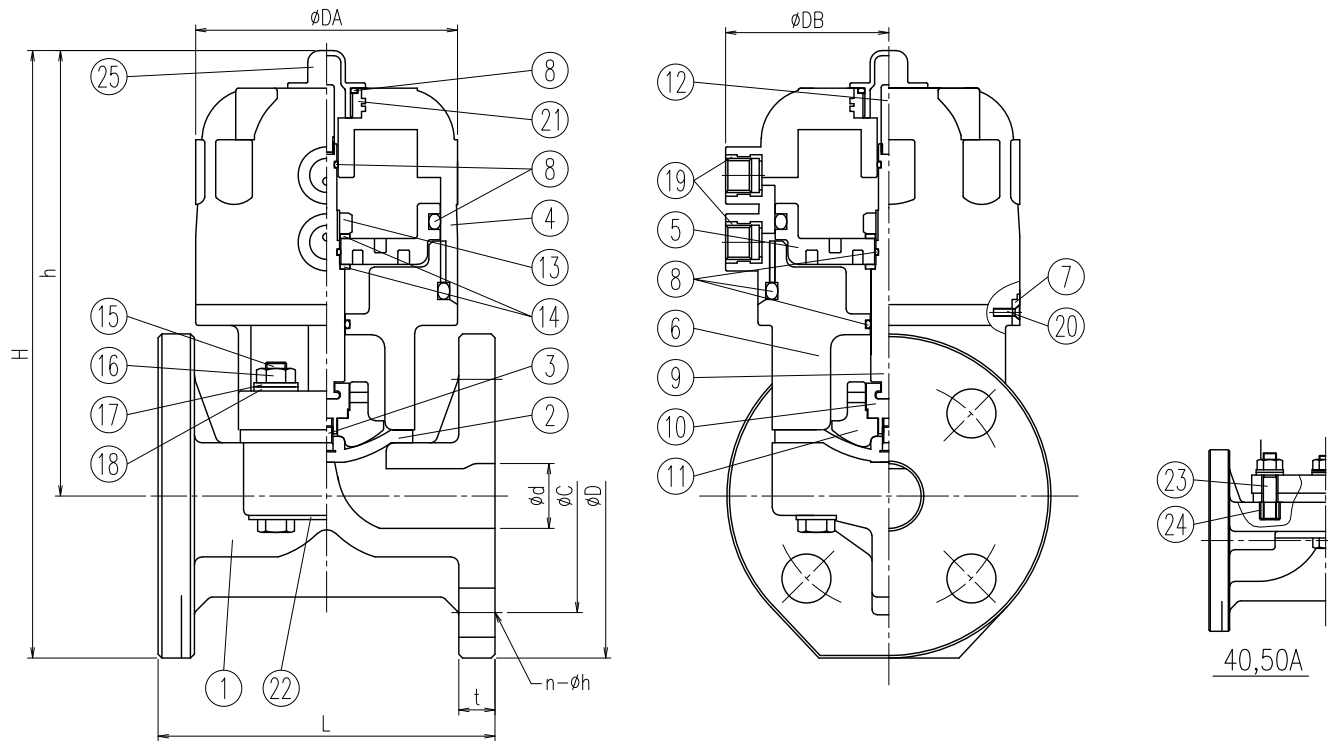
SIZE	A (B)	φd	JIS:Rc				ANSI:NPT			DIN:Rp			H	h	φDu	φDA	φDB	Fixing Insert Nut		Weight kg/unit	
			L		ℓ		φdo	L	ℓ	φdo	L	ℓ						φdo	F		MXe
			PVC	PVDF	PVC	PVDF															
□ 15 (1/2)	16	133±3.0	134±3.0	18	20	30	133±3.0	18	30	133±3.0	18	30	202	177	49	101	63	25	M6x12	1.1	
□ 20 (3/4)	20	157±3.0	157±3.0	18	22	35	157±3.0	18	35	157±3.0	18	35	206	176	59	101	63	25	M6x12	1.2	
□ 25 (1)	25	173±3.0	180±3.0	23	24	44	173±3.0	23	44	173±3.0	23	44	215	181	67	101	63	25	M6x12	1.3	
□ 32 (1·1/4)	31	188±3.0	191±3.0	23	25	54	188±3.0	23	54	188±3.0	23	54	224	183	81	101	63	25	M6x12	1.6	
□ 40 (1·1/2)	40	248±3.0	254±3.0	25	28	65	248±3.0	25	65	248±3.0	25	65	356	307	98	155	90	45	M8x12	7.3	
□ 50 (2)	50	280±3.0	290±3.0	30	30	77	269±3.0	30	77	269±3.0	30	77	368	308	120	155	90	45	M8x12	8.2	

Note) 1. Thread dimension is in accordance with the following standard;
 JIS:JIS B 0203,ANSI:ANSI B1.20.1,DIN:DIN2501 PN10/PN16 (ISO7005 PN10)
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.
 3. Max.Permissible Working Pressure (at20°C) : 1.0MPa

Client name		Date
Screw Socket	<input type="checkbox"/> Rc <input type="checkbox"/> NPT <input type="checkbox"/> Rp	Approved by:
Oil Free	<input type="checkbox"/> YES	

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F
 Air To Close (Fail Open) / Thread Socket 15-50A
 Drawing No. FDAA1550NE

SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC □HT (JIS: Brown) □CPVC (ANSI-DIN: Gray) □PP □PVDF
2	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
3	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
4	Cover	1	GF-PP
5	Piston	1	GF-PP
6	Housing	1	GF-PP
7	Positioning	1	GF-PP
8	O-Ring	6	NBR
9	Spindle	1	SUS304
10	Connecting Nut	1	C3604
11	Compressor	1	GF-PP
12	Indicator	1	PA
13	Hexagon Nut	1	SUS304
14	Washer	2	SUS304
15	Hexagon Head Bolt	-	SUS304
16	Hexagon Nut	-	SUS304
17	Spring Washer	-	SUS304
18	Washer	-	SUS304
19	Air Intake Port	2	SUS304 (Rc1/4)
20	Screw	1	SUS304
21	Cover Insert Nut	1	SUS304
22	Reinforcing Plate *2)	2	SUS304
23	Stud Bolt	-	SUS304 *1)
24	Insert Nut	-	(PVC, HT, PP) C3604 *1) (PVDF) SUS304 *1)
25	Cap Cover	1	PC

*1) 40,50A
*2) HT,PP,PVDF

Dimension Table

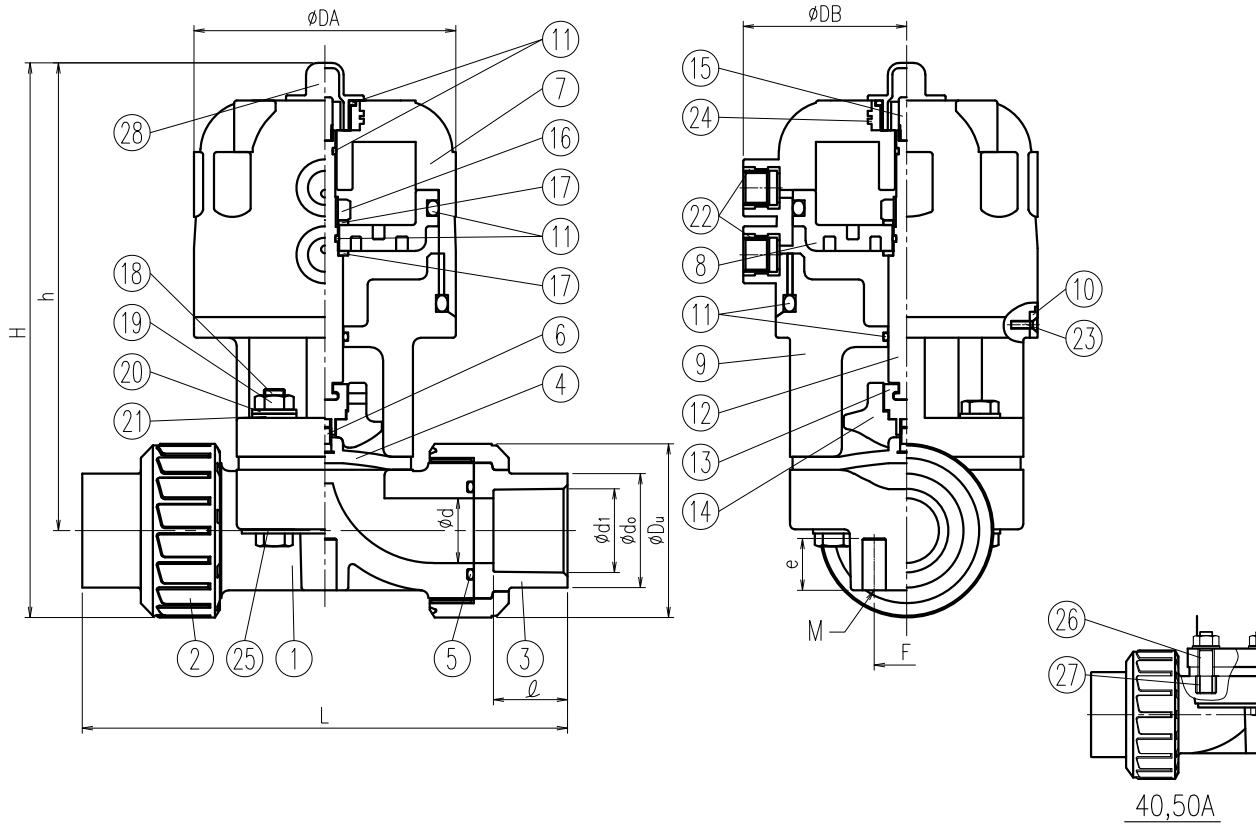
Unit: mm

Size	A(B)	ϕd	L	JIS10K				ANSI				DIN				H	h	ϕDA	ϕDB	Weight kg/unit
				ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t					
□ 15(1/2)	16	110±1.5	95	70	4-15	14	90	60.5	4-16	11	95	65	4-14	14	223	176	101	63	1.0	
□ 20(3/4)	20	120±1.5	100	75	4-15	14	100	70.0	4-16	13	105	75	4-14	14	226	176	101	63	1.1	
□ 25(1)	25	130±1.5	125	90	4-19	14	110	79.5	4-16	14	115	85	4-14	14	246	183	101	63	1.1	
□ 32(1.1/4)	32	142±1.5	135	100	4-19	16	117	89.0	4-16	15.7	140	100	4-18	15	251	183	101	63	1.4	
□ 40(1.1/2)	41	180±1.5	140	105	4-19	16	127	98.5	4-16	17	150	110	4-18	16	373	303	155	90	6.5	
□ 50(2)	52	210±1.5	155	120	4-19	20	155	120.5	4-20	19	165	125	4-18	20	384	307	155	90	7.4	

Note) 1. Flange dimension is in accordance with the following standard;
JIS B 2220 for JIS10K, ANSI B16.5 for ANSI and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN
2. The dimension of 32A is the same as 40A, but long holes on the flange.
3. Max. Permissible Working Pressure (at 20°C) : 1.0MPa

Client name			Date
Flange Standard	<input type="checkbox"/> JIS10K <input type="checkbox"/> ANSI <input type="checkbox"/> DIN	Approved by:	
Oil Free	<input type="checkbox"/> YES		

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F
Double Action/Flange Type 15-50A
Drawing No. IFDAD1550FE
SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC
2	Union Nut	2	□HT (JIS: Brown)
3	TS Socket	2	□CPVC (ANSI-DIN: Gray)
4	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
5	O-Ring	2	□EPDM □FKM
6	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
7	Cover	1	GF-PP
8	Piston	1	GF-PP
9	Housing	1	GF-PP
10	Positioning	1	GF-PP
11	O-Ring	6	NBR
12	Spindle	1	SUS304
13	Connecting Nut	1	C3604
14	Compressor	1	GF-PP
15	Indicator	1	PA
16	Hexagon Nut	1	SUS304
17	Washer	2	SUS304
18	Hexagon Head Bolt	-	SUS304
19	Hexagon Nut	-	SUS304
20	Spring Washer	-	SUS304
21	Washer	-	SUS304
22	Air Intake Port	2	SUS304 (Rc1/4)
23	Screw	1	SUS304
24	Cover Insert Nut	1	SUS304
25	Reinforcing Plate ※2)	2	SUS304
26	Stud Bolt	-	SUS304 ※1)
27	Insert Nut	-	(PVC, HT, PP) C3604 ※1) (PVDF) SUS304 ※1)
28	Cap Cover	1	PC

※1) 40,50A
 ※2) HT

Dimension Table

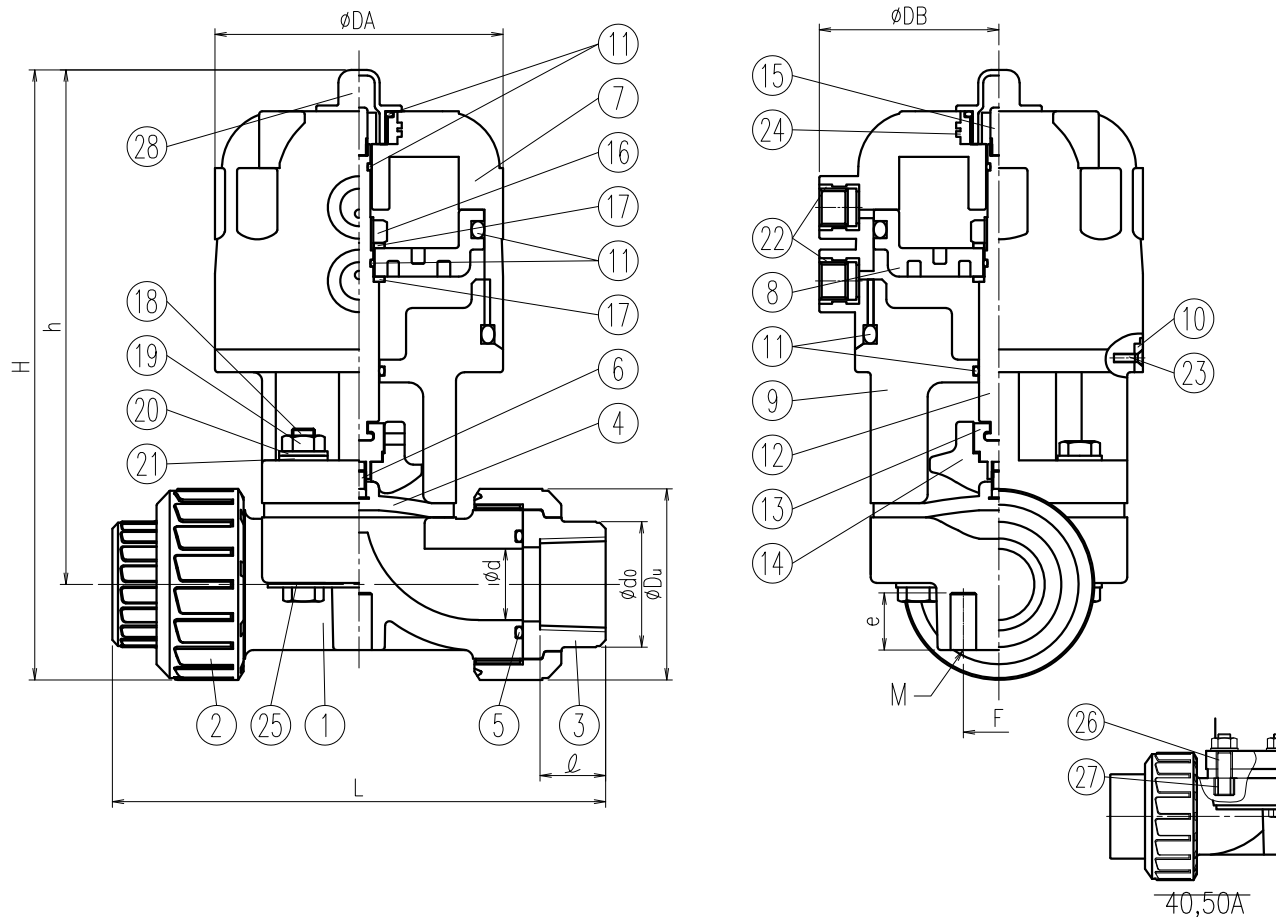
Unit: mm

SIZE	A (B)	ød	ødo	JIS				ASTM				DIN				H	h	øDu	øDA	øDB	Fixing Insert Nut		Weight kg/unit
				L	ød1	1/T	ℓ	L	ød1	1/T	ℓ	L	ød1	1/T	ℓ						F	MXe	
□ 15(1/2)	16	33	144±3.0	22.3	1/37	22	137±3.0	21.54	1/72	22.22	126±3.0	20.3	1/65	16	202	177	49	101	63	25	M6x12	0.8	
□ 20(3/4)	20	35	172±3.0	26.3	1/42	25	158±3.0	26.87	1/85	25.40	146±3.0	25.3	1/80	19	206	176	59	101	63	25	M6x12	0.9	
□ 25(1)	25	44	187±3.0	32.3	1/43	29	177±3.0	33.65	1/75	28.58	165±3.0	32.3	1/95	22	215	181	67	101	63	25	M6x12	0.9	
□ 32(1·1/4)	32	54	210±3.0	38.4	1/37	32	190±3.0	42.42	1/84	31.75	179±3.0	40.3	1/115	26	224	183	81	101	63	25	M6x12	1.2	
□ 40(1·1/2)	40	66	262±3.0	48.5	1/38	35	258±3.0	48.56	1/78	34.93	247±3.0	50.3	1/140	31	356	307	98	155	90	45	M8x12	6.5	
□ 50(2)	50	77	298±3.0	60.7	1/34	38	283±3.0	60.63	1/83	38.10	284±3.0	63.3	1/175	38	368	308	120	155	90	45	M8x12	7.4	

Note) 1. TS socket dimension is in accordance with the following standard
 JIS:JIS K6743,ASTM:ASTM D2467 and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.
 3. Max. Permissible Working Pressure (at20°C) : 1.0 MPa (at20°C) EPDM/PTFE

Client name				Date
TS Socket	<input type="checkbox"/> JIS	<input type="checkbox"/> ASTM	<input type="checkbox"/> DIN	Approved by:
Oil Free	<input type="checkbox"/> YES			

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE--F
 Double Action Type/TS Socket 15~50A
 Drawing No. IFDAD1550SE
SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	□PVC
2	Union Nut	2	□PVDF
3	Screw Socket	2	
4	Diaphragm	1	□EPDM □PTFE+EPDM □PTFE+PVDF+EPDM
5	O-Ring	2	□EPDM □FKM
6	Diaphragm Stud Bolt	1	(EPDM) SS400+Cr Plated (PTFE) SUS304
7	Cover	1	GF-PP
8	Piston	1	GF-PP
9	Housing	1	GF-PP
10	Positioning	1	GF-PP
11	O-Ring	6	NBR
12	Spindle	1	SUS304
13	Connecting Nut	1	C3604
14	Compressor	1	GF-PP
15	Indicator	1	PA
16	Hexagon Nut	1	SUS304
17	Washer	2	SUS304
18	Hexagon Head Bolt	-	SUS304
19	Hexagon Nut	-	SUS304
20	Spring Washer	-	SUS304
21	Washer	-	SUS304
22	Air Intake Port	2	SUS304 (Rc1/4)
23	Screw	1	SUS304
24	Cover Insert Nut	1	SUS304
25	Reinforcing Plate ※2)	2	SUS304
26	Stud Bolt	-	SUS304 ※1)
27	Insert Nut	-	C3604 ※1) (PVC) SUS304 ※1) (PVDF)
28	Cap Cover	1	PC

※1) 40,50A
 ※2) HT,PP,PVDF

Dimension Table

Unit: mm

SIZE	A (B)	ϕd	JIS:Rc				ϕdo	ANSI:NPT			DIN:Rp			H	h	ϕDu	ϕDA	ϕDB	Fixing		Weight kg/ unit
			L		ℓ			L	ℓ	ϕdo	L	ℓ	ϕdo						F	MXe	
			PVC	PVDF	PVC	PVDF															
□ 15 (1/2)	16	133±3.0	134±3.0	18	20	30	133±3.0	18	30	133±3.0	18	30	202	177	49	101	63	25	M6x12	0.8	
□ 20 (3/4)	20	157±3.0	157±3.0	18	22	35	157±3.0	18	35	157±3.0	18	35	206	176	59	101	63	25	M6x12	0.9	
□ 25 (1)	25	173±3.0	180±3.0	23	24	44	173±3.0	23	44	173±3.0	23	44	215	181	67	101	63	25	M6x12	0.9	
□ 32 (1·1/4)	31	188±3.0	191±3.0	23	25	54	188±3.0	23	54	188±3.0	23	54	224	183	81	101	63	25	M6x12	1.2	
□ 40 (1·1/2)	40	248±3.0	254±3.0	25	28	65	248±3.0	25	65	248±3.0	25	65	356	307	98	155	90	45	M8x12	6.5	
□ 50 (2)	50	280±3.0	290±3.0	30	30	77	269±3.0	30	77	269±3.0	30	77	368	308	120	155	90	45	M8x12	7.4	

Note) 1. Thread dimension is in accordance with the following standard;
 JIS:JIS B 0203,ANSI:ANSI B1.20.1,DIN:DIN2501 PN10/PN16 (ISO7005 PN10)
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.
 3. Max.Permissible Working Pressure (at20°C) :1.0MPa

Client name		Date
Screw Socket	<input type="checkbox"/> Rc <input type="checkbox"/> NPT <input type="checkbox"/> Rp	Approved by:
Oil Free	<input type="checkbox"/> YES	

ESLON PNEUMATIC DIAPHRAGM VALVE TYPE-F
 Double Action/Thread Socket 15-50A
 Drawing No. FDAD1550NE
SEKISUI SEKISUI CHEMICAL CO.,LTD.