

DIMENSIONS TABLE

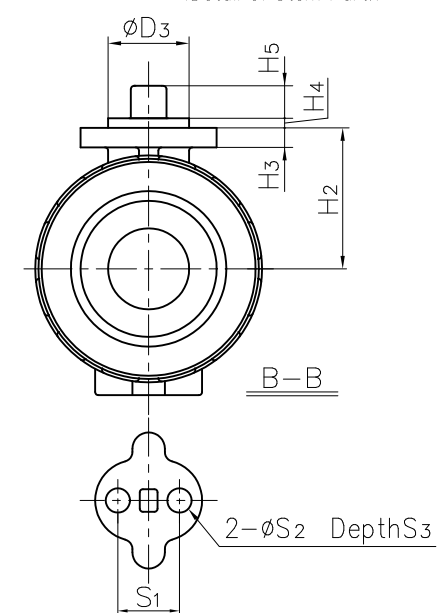
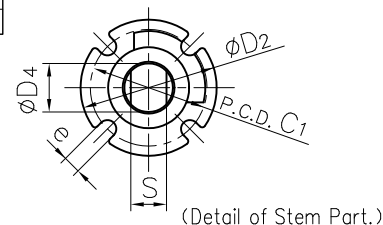
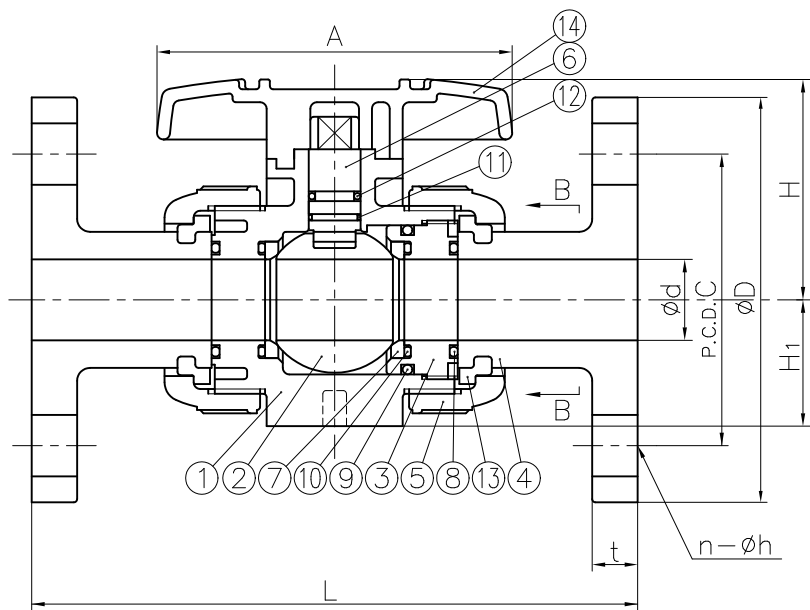
Nominal Size		FLANGED END							SOCKET END							THREADED END				SPIGOT END									
		DIN PN10				L			PVC, C-PVC			PP, PVDF				d2	l	L		PVC			PP, PVDF				L		
		D	C	n	h	PVC C-PVC	PP PVDF	t	d1	l	L	d1	d1'	l	L			PVC C-PVC	PP PVDF	d3	d3'	l	d3	l	t1				
																									PP	PVDF			
10mm	3/8"	90	60	4	14	120	119	12	16	14	99	15.5	15.4	13	96	Rp 3/8	15	99	98	16	13	16	—	—	—	—	114		
15	1/2	95	65	4	14	130	130	12	20	16	102	19.5	19.3	14.5	99	Rp 1/2	15	102	100	20	15	18.5	20	18.5	2.5	1.9	124		
20	3/4	105	75	4	14	150	150	14	25	19	119	24.5	24.3	16	113	Rp 3/4	17	120	119	25	20	24	25	22	2.7	1.9	144		
25	1	115	85	4	14	160	160	14	32	22	131	31.5	31.3	18	123	Rp 1	20	131	130	32	25	24.5	32	22.5	3.0	2.4	154		
32	1 1/4	140	100	4	18	180	180	16	40	26	150	39.45	39.2	20.5	139	Rp 1 1/4	22	150	146	40	31	28	40	26	3.7	2.4	174		
40	1 1/2	150	110	4	18	200	200	16	50	31	164	49.45	49.2	23.5	149	Rp 1 1/2	25	163	160	50	40	34	50	32	4.6	3.0	194		
50	2	165	125	4	18	230	230	16	63	38	197	62.5	62.1	27.5	176	Rp 2	28	197	194	63	51	38	63	36	5.8	3.0	224		

Unit : mm

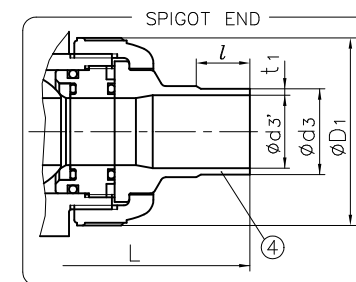
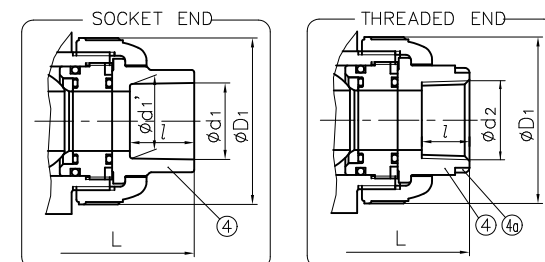
Nominal Size		Metric																	
		d	D1	D2	D3	D4	C1	H	H1	H2	H3	H4	H5	A	S	S1	S2	S3	e
10mm	3/8"	13	46	—	—	—	—	43.5	—	—	—	—	—	80	—	—	—	—	—
15	1/2	15	48	42	25	13.5	36	51.5	29	30	6	3	8	92	10.5	19	7.3	11	5.5
20	3/4	20	60	42	25	15	36	59.5	35	36.5	6	3	10	100	11	19	7.3	11	5.5
25	1	25	70	42	25	15	36	68	39	43.5	6	3	10	110	11	19	7.3	11	5.5
32	1 1/4	32	82	48	30	19	42	80.5	47	52.5	8	3	10	121	15	30	9	15	5.5
40	1 1/2	40	100	57	35	23	50	89	55	61	10	3	12	131	18	30	9	15	6.5
50	2	51	126	57	35	23	50	102.5	66	72.5	10	3	12	159	18	30	9	15	6.5

NOTE. The shape and appearance of assembly differ a little with nominal size and material compared to this drawing.

FLANGED END



(Detail of Holes for Metallic Insert.)



4a	RING	2	STAINLESS STEEL (SUS304)	Used for C-PVC Body, Threaded End: 15-25mm
14	HANDLE	1	ABS	
13	STOP RING	2	PVDF	Used for Flanged End
12	O-RING (E)	1		
11	O-RING (D)	1	□EPDM □FKM □Others	
10	O-RING (C)	2		
9	O-RING (B)	1		
8	O-RING (A)	2		
7	SEAT	2	PTFE	
6	STEM	1		
5	UNION NUT	2		
4	END CONNECTOR	2	□PVC □C-PVC □PP □PVDF	
3	CARRIER	1		
2	BALL	1		
1	BODY	1		
No.	DESCRIPTION	QTY.	MATERIAL	REMARKS

ITEM	BALL VALVE (TYPE21・21ALPHA) ASS'Y DIN : □FLANGED END, □SOCKET END, □THREADED END, □SPIGOT END 10 ^{mm} (3/8") ~50 ^{mm} (2")			
DRAWN	N.Ito	DATE	SCALE	
CHECKED	A.Kuroki	MAY.29.2025		
APPROVED	A.Shakagori	DRAWING No.		
SPECIAL ORDER No.		IB-M1001DE		
ASAHI YUKIZAI CORPORATION				