

DIMENSIONS TABLE

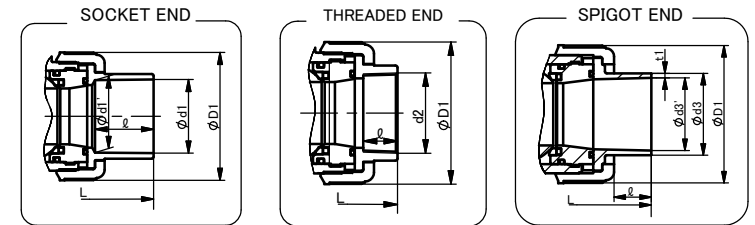
NOMINAL SIZE		d	d'	FLANGED END								SOCKET END								THREADED END					SPIGOT END									
				DIN PN10				L				t	PVC, C-PVC			PP, PVDF					d2	ℓ	L				PVC				PP, PVDF			
				D	C	n	h	PVC C-PVC	PP	PVDF	d1		ℓ	L	d1'	ℓ	L		PVC C-PVC	PP			PVDF	d3	d3'	ℓ	L	d3	ℓ	t1		L		
																	PP	PVDF												PP	PVDF	PP	PVDF	PP
65mm	2 1/2"	65	58	185	145	4	18	290	288	287	18	75	44	233	74.25	73.95	31	205	204	Rp 21/2	32	215	213	212	75	65	44	285	75	38	6.9	3.6	245	244
80	3	78	68.5	200	160	8	18	312	311	308	21	90	51	284	89.2	88.85	35.5	252	249	Rp 3	35	265	264	261	90	80	51	299	90	38	8.2	4.3	296	293
100	4	100	90	220	180	8	18	352	352	347	18	110	61	351	109.05	108.65	41.5	312	307	Rp 4	45	340	340	335	110	93.6	46	358	110	44.5	10.0	5.3	355	350

Unit:mm

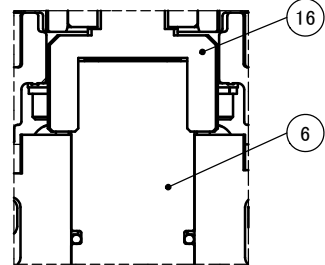
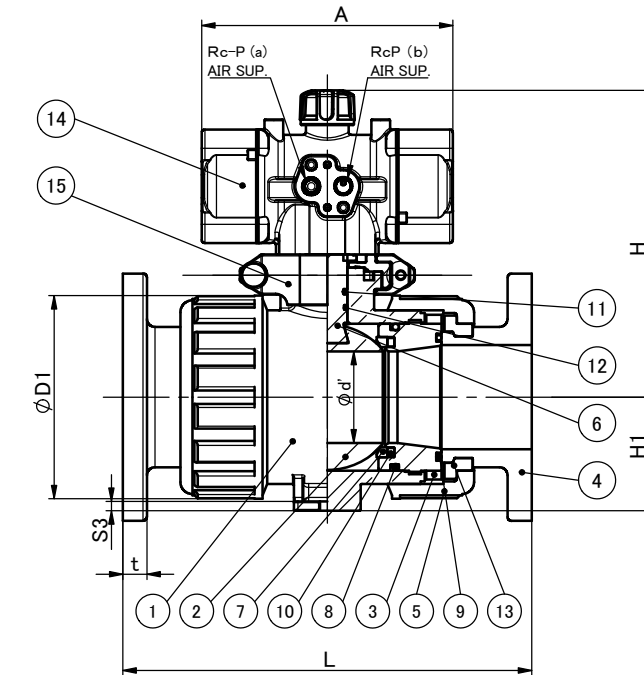
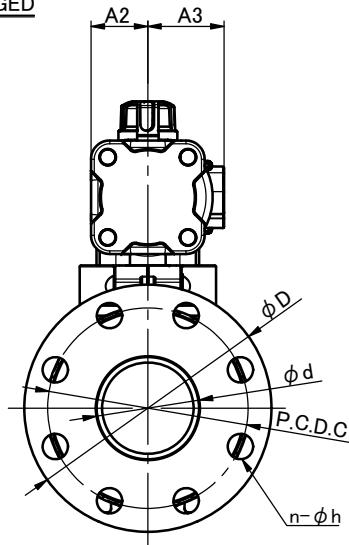
NOMINAL SIZE		D1	H	H1	A	A2	A3	S1	S2	S3	P	ACTUATOR MODEL
65mm	2 1/2"	133	221	72	188	42.5	57	48	9	6	1/4	AR063DA40SN
80	3	152	230	85	188	42.5	57	55	11	7		AR070DA40SN
100	4	210	307	110	281	58.5	59	65	11	8		

NOTE.

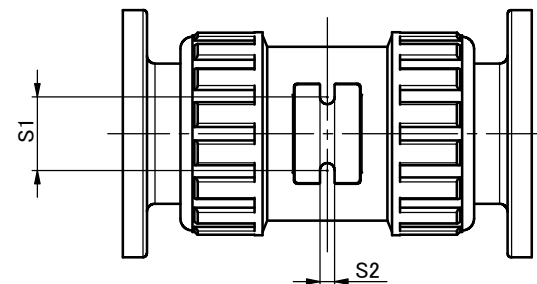
- Operating pressure : 0.4~0.7MPa G
Air to open : Valve open : (a) Exhaust, (b) Supply
Air to shut : Valve shut : (a) Supply, (b) Exhaust
- The shape and appearance of assembly differ a little with nominal size compared to this drawing.



FLANGED



Used for 100mm(4") only.



16	JOINT	1	SUS304	
15	STAND	1	PPG etc.	
14	ACTUATOR	1	PPG etc.	
13	Stop Ring	2	PVDF	
12	O-ring	1	□EPDM □FKM □Others ()	
11	O-ring	1		
10	Cushion	2		
9	O-ring	2		
8	O-ring	2	PTFE	
7	Seat	2		
6	Stem	1	□PVC □C-PVC □PP □PVDF	
5	Union nut	2		
4	End connector	2		
3	Carrier	2		
2	Ball	1		
1	Body	1		
No.	DESCRIPTION	QTY.	MATERIAL	REMARKS

ITEM	BALL VALVE (TYPE21) PNEUMATIC ACTUATED MODEL TYPE AR ASS'Y DOUBLE ACTING DIN ☐ FLANGED END, ☐ SOCKET END, ☐ THREADED END, ☐ SPIGOT END 65mm (2 1/2") ~ 100mm (4")		
DRAWN	M. Iwakiri	DATE	SCALE
CHECKED	T. Iwamoto	Jul. 27. 2021	
APPROVED	K. Koushou	DRAWING No.	
SPECIAL ORDER No.		IB-AA308DE	2
ASAHI YUKIZAI CORPORATION			