

Asian Valve Co., Ltd



CLEAN PVC

The background of the advertisement is split vertically. The left half has a dark green background with a dynamic splash of water in shades of blue and green. The right half has a bright orange background with a dynamic splash of fire in shades of yellow and orange. Two black PVC pipe fittings are shown: one on the left, partially submerged in the water splash, and one on the right, partially surrounded by the fire splash. At the bottom, two black PVC pipes branch out from the center towards the left and right edges.

—

Asian Valve's Vision

Setting the standard for superior craftsmanship in plastic pipes, fittings and valves, we prioritize excellence and user satisfaction.

ABOUT ASIAN VALVE

Asian Valve began crafting the brand's remarkable legacy since 1983. Its rare and esteemed craftsmanship, passed down through generations, has laid the foundation for Asian Valve tradition in excellent manufacturing. As a family-owned enterprise, Asian Valve epitomizes independence, craftsmanship, creativity, innovation, and responsibility. The founder's visionary perspective and unwavering commitment to progress have sustained the brand's leadership in the industry to this day.



Our product portfolio spans industrial-grade UPVC, CPVC, CLEAR PVC, alongside PPH and PVDF materials meeting both industrial and high-purity standards. These solutions have become essential components in modern infrastructure, demonstrating their critical role in daily life. Demonstrating our commitment to technological innovation, we proudly launched the groundbreaking Clean PVC Series in 2024- featuring pipes, fittings, and valves specifically designed for ultrapure water applications in the semiconductor industry. This milestone not only cements our leadership as the premier provider of cutting-edge piping systems but also positions us as an unrivaled pioneer in next-generation pipeline solutions for tomorrow's challenges.



MILESTONES



ASIA

1983

Established
Asian Valve

**2003**

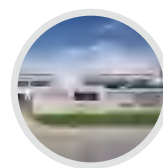
Developed
polypropylene
piping system

**2022**

Developed HP PVDF
high purity piping
system

**2024**

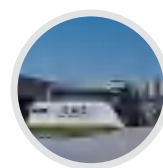
HP PVDF pipes and
fittings FM 4910
specification tested
Developed HP PP
high purity piping
system

**2002**

Established the
first factory in
Kunshan

**2021**

Established the
second factory
in Kunshan

**2023**

Established the
third factory in
Kunshan

**2024**

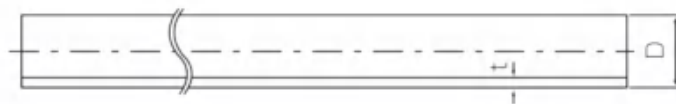
Established the
fourth factory in
Kunshan
Developed Clean
PVC piping system

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PIPE



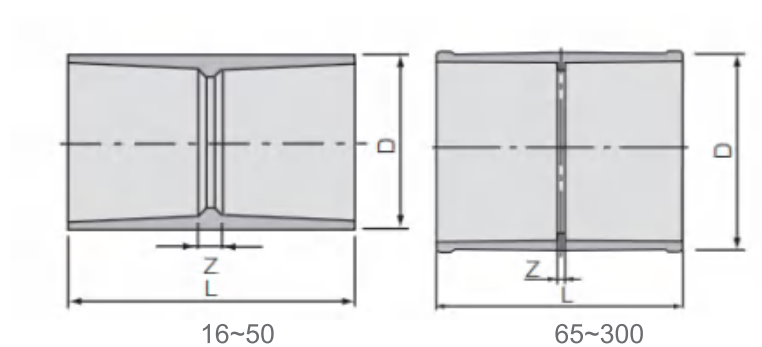
Size	D	t	Weight(kg/m)
16	22.0	3.0	0.251
20	26.0	3.0	0.303
25	32.0	3.5	0.439
30	38.0	3.5	0.531
40	48.0	4.0	0.774
50	60.0	4.5	1.098
65	76.0	4.5	1.415
75	89.0	5.9	2.156
100	114.0	7.1	3.338
125	140.0	7.5	4.370
150	165.0	9.6	6.561
200	216.0	11.0	9.918
250	267.0	13.6	15.157
300	318.0	16.2	21.504

Comply to JIS K 6741

ASIA



COUPLING



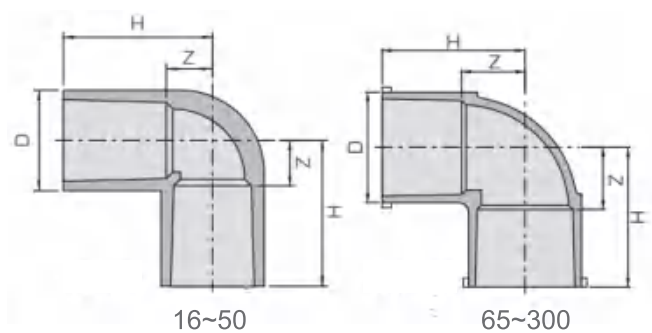
Size	D	L	Z
16	29.2	65.7	4.5
20	33	77	7
25	40.2	88.5	5.5
30	46.1	95	5
40	57.1	118.3	5.3
50	70.1	133.4	4.4
65	90.5	145.9	20.9
75	106	154	22
100	134.2	201.7	30.9
125	159	240	32
150	186	297	27.4
200	238.4	300	8
250*	305.74	267.1	70.05
300*	360	316	81.8

Comply to JIS K 6743

ASIA



90°ELBOW



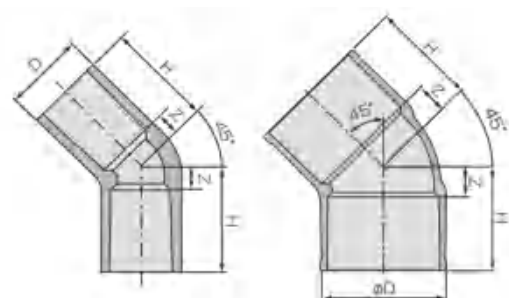
Size	D	H	Z
16	29	43.5	13.2
20	33	52	17
25	40.5	60	18.5
30	46.2	67	22
40	57.8	83	26.4
50	70.2	99	36
65	87.3	114	48
75	102.7	127	62
100	133.8	157	72.5
125	160	183	81
150	190	229	97
200	243	262	116.7
250*	307.04	266.23	139.23
300*	361.51	322.84	107.44

Comply to JIS K 6743

ASIA



45°ELBOW



16~50

65~300

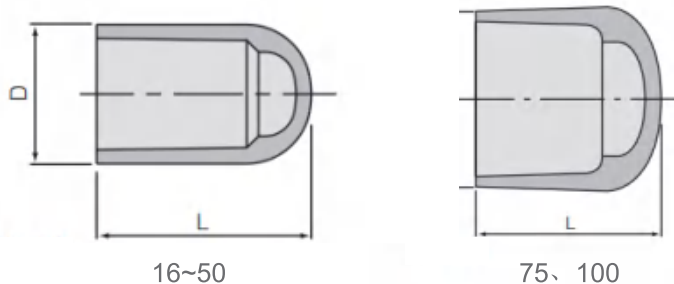
Size	D	L	Z
20	33.3	44	9
25	40	51	11
30	46	56	11.3
40	57	69	14
50	70.6	81	15
65	87.5	94	33
75	104	98	30.2
100	130	123	39
125	157.3	150	45
150	187.2	184	48.4
200	238.5	207	62
250*	307	223.84	96.84
300*	361.96	265.11	112.71

Comply to JIS K 6743

ASIA



END CAP

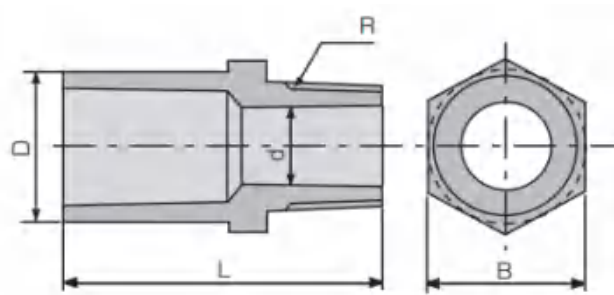


Size	D	L
16	29	43
20	33	50
25	40	58.5
30	46	65.5
40	57	82
50	70	96.5
75	102	105
100	130	138

Comply to JIS K 6743



MALE ADAPTOR

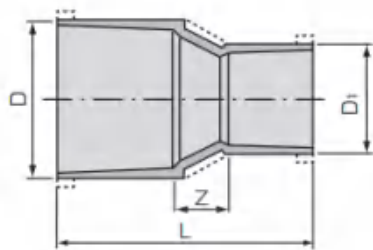


Size	D	d	L	B
16 × R1/2	29.0	13.0	55.3	29.0
20 × R3/4	32.5	27.0	65.1	33.0
25 × R1	39.7	23.2	71.8	40.0
30 × R1 1/4	46.0	31.3	80.0	46.0
40 × R1 1/2	56.7	36.8	93.6	56.7
50 × R2	69.2	48.1	107.0	69.2
65 × R2 1/2	87.6	118.6	62.9	90.5
75 × R3	104.5	74.6	127.4	107.5
100 × R4	130.0	96.4	150.0	135.0

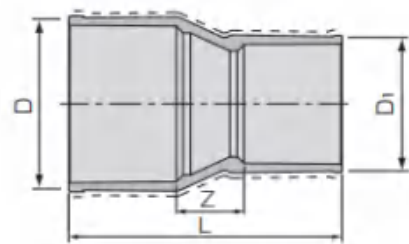
Comply to JIS K 6743



REDUCER



16~100

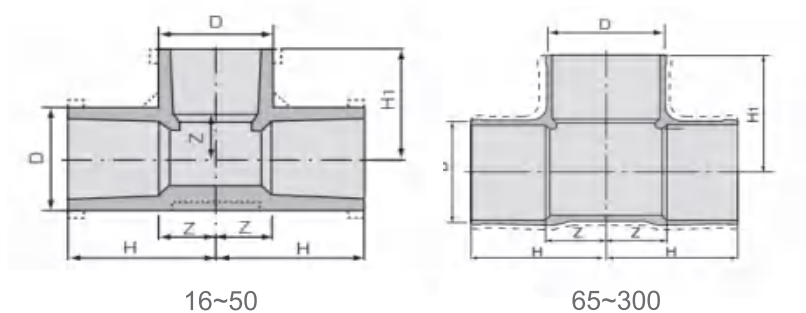


200~300

Size	D	D1	L	Z
20 x 16	33.0	29.0	73.0	6.4
25 x 16	40.2	29.0	84.0	12.4
25 x 20	40.0	33.0	84.0	7.4
30 x 20	46.0	33.0	95.0	14.5
30 x 25	46.2	40.4	94.6	9.3
40 x 20	57.8	33.6	113.3	20.8
40 x 25	57.0	40.6	115.5	19.2
40 x 30	57.0	46.0	112.8	11.5
50 x 25	70.0	40.2	141.0	36.3
50 x 30	69.4	46.0	137.4	29.1
50 x 40	70.0	57.6	137.6	15.4
75 x 50	102.0	70.0	165.0	38.0
75 x 65	102.0	87.0	169.0	44.0
100 x 75	115.0	102.0	190.0	42.0
125 x 100	157.0	130.0	229.0	37.4
150 x 100	186.0	130.0	295.0	76.7
150 x 125	186.0	159.0	273.5	35.5
200 x 150	243.3	189.0	369.0	89.0
250 x 150*	300	189.0	557.0	250.0
250 x 200*	300	243.0	400.0	80.0
300 x 150*	356.0	189.0	605.0	288.0
300 x 200*	356.0	243.0	601.0	271.0
300 x 250*	356.0	300.0	435.0	75.0



TEE



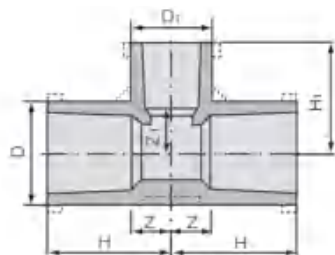
Size	D	H	H1	Z
16	29.0	43.3	43.3	12.5
20	33.0	52.0	52.0	15.0
25	40.2	60.2	56.0	18.2
30	46.0	65.0	65.0	21.0
40	57.0	82.0	82.0	27.0
50	70.0	98.0	98.0	33.0
65	87.5	113.9	114.0	49.9
75	102.0	123.0	123.0	58.0
100	130.6	125.5	123.2	40.1
125	161.0	189.0	189.0	84.0
150	186.0	233.0	233.0	99.0
200	238.5	267.0	267.0	122.0
250*	274.2	292.0	299.7	165.0
300*	325.0	323.5	343.3	171.1

Comply to JIS K 6743

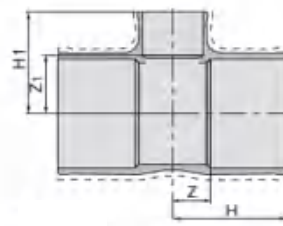
ASIA



REDUCER TEE



16~50



65~300

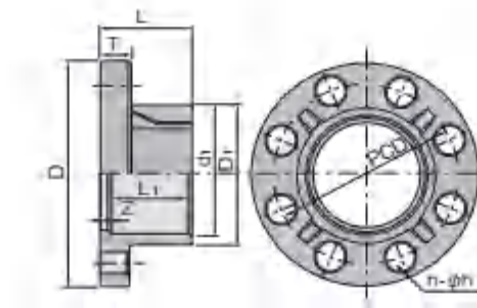
Size	D	D1	H	H1	Z	Z1
20 x 16	33.0	29.0	52.0	45.0	15.0	15.0
25 x 16	40.2	29.0	60.2	49.8	18.2	17.3
30 x 16	46.0	29.0	65.0	51.0	21.0	21.0
40 x 16	57.0	29.0	82.0	57.0	27.0	27.0
50 x 16	70.0	29.0	98.0	63.0	33.0	33.0
75 x 25	102.0	40.0	123.0	90.0	58.0	48.0
100 x 50	130.6	72.2	125.5	123.2	40.1	60.2
125 x 100	161.0	130.0	189.0	189.0	84.0	75.8
150 x 100	186.0	130.5	233.0	190.0	98.2	76.8
200 x 100*	259.7	135.2	217.7	225.5	232.2	123.9
250 x 100*	285.9	135.2	273.7	135.2	293.3	78.1
300 x 100*	356.0	130.0	266.0	257.0	81.0	173.0

Comply to JIS K 6743

ASIA



TS FLANGE



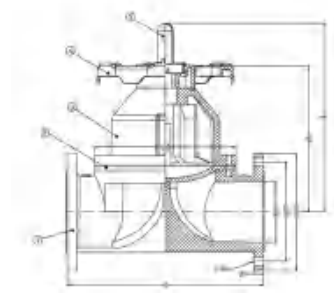
Size	d1	L1	D1	L	PCD	D	T	n-φh
16	26.7	30.0	31.0	35.0	70.0	94.5	14.0	4-φ15
20	30.7	37.0	35.0	42.8	75.0	100.0	15.0	4-φ15
25	37.9	41.0	43.0	46.2	90.0	126.0	15.4	4-φ19
30	43.3	46.0	48.0	50.0	100.0	135.0	16.0	4-φ19
40	54.9	56.0	61.0	60.0	105.0	140.0	16.0	4-φ19
50	66.9	66.0	73.0	70.0	120.0	155.0	20.0	4-φ19
65	82.9	61.3	89.0	70.0	140.0	176.0	24.0	4-φ19
80	95.8	64.0	102.0	73.0	150.0	185.0	23.0	8-φ19
100	124.1	84.0	133.5	90.0	175.0	210.5	22.0	8-φ19
125	149.8	106.0	158.6	114.0	210.0	250.0	24.0	8-φ23
150	178.7	132.0	191.0	142.0	232.0	280.0	27.8	8-φ23
200	228.0	155.0	238.4	166.0	290.0	330.0	29.3	12-φ23
250*	286.0	127.0	289.0	198.0	355.0	400	30.0	12-φ25
300*	336.0	152.4	344.0	203.0	400.0	445.0	32.0	16-φ25

Comply to JIS K 6743

ASIA



DIAPHRAGM VALVE (FLANGED TYPE)



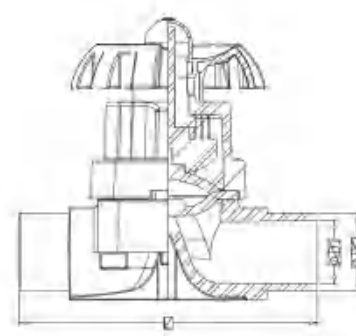
JIS											Unit:mm	
Nom.Size m/m(inch)	D1	D2	D3	e	n No.of Holes	D4	D5	Lift E	L	T	H	l
15(1/2")	16	70	89	15	4	72*19	71	13	143	13	79	85
20<3/(4B)	21	75	98	15	4	66*72	75	13	161	15	85	97
25(1")	26	90	109	19	4	79*86	100	14	172	17	103	118
40(1-1/2")	41	105	138	19	4	98*106	123	24	215	19	131	146
50(2")	54	120	157	19	4	120*126	150	28	244	21	157	178
65(2-1/2")	68	140	187	19	4	200	202	32	293	24	208	257
80(3")	84	150	200	19	8	210	224	34	312	24	244	293
100(4")	100	175	220	19	8	255	265	54	352	24	276	356
125(5")	125	210	250	23	8	317	309	72	408	24	327	400
150(6")	148	240	282	23	8	342	343	72	483	33	336	458
200(8")	198	290	337	23	12	431	395	96	571	33	419	625
250(10")	248	355	397	25	12	529	555	132	680	33	510	750

Comply to Q/ SY 005 - 2020

ASIA



DIAPHRAGM VALVE (UNION TYPE)



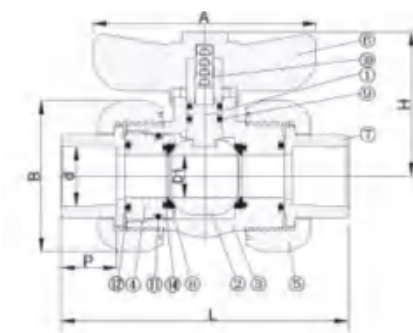
JIS										Unit:mm	
Standards Nom-Size	D1		P	B	L	H	A	F	K	Test Pres, (kgf/cm ²)	
	Socket	Thread								Pipe Dia	Rubber Dia
15(1-1/2")	22	PT1/2	23	52	199	83	71	24	8	10	10
20(3/4")	26	PT3/4	25.4	67	230	94	75	25	8	10	10
25(1")	32	PT1	28.6	74	247	121	100	29	8	10	10
32(1-1/4")	38	PT1 1/4	31.8	89	238	142	117	45	8	10	10
40(1-1/2")	48	PT1 1/2	34.9	101	316	145	123	45	8	10	10
50(2")	60	PT2	38.1	122	361	184	150	45	8	10	10

Comply to Q/ SY 005 - 2020

ASIA



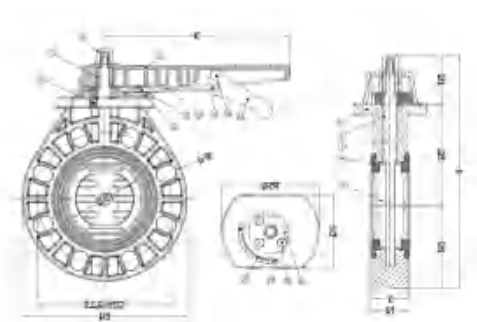
BALL VALVE



JIS								Unit:mm
Nominal Pipe Size	D1	D2	D3	d		e	n	P
				Socket	Thread			
15(1/2")	15	75	95	22.2	PT1/2	15	4	22.2
20(3/4")	20	75	100	26.6	PT3/4	15	4	25.0
25(1")	25	90	125	32.4	PT1	19	4	28.6
32(1-1/4")	38	100	135	38	PT1-1/4	19	4	31.8
40(1-1/2")	38	105	140	46	PT1-1/2	19	4	35.8
50(2")	48	120	155	60.5	PT2	19	4	38.1
65(2-1/2")	65	140	175	76.3	PT2-1/2	19	4	49.7
80(3")	78	150	185	89.4	PT3	19	8	48.7
100(4")	102	175	210	114.5	PT4	19	8	57.2
Nominal Pipe Size	A	T	H	d			B	Tset Press kgf/cm ²
				Socket	Thread	Flange		
15(1/2")	82	15	49	111	113	151	51	15
20(3/4")	101	15	66	132	131	171	67	15
25(1")	110	17	67	148	146	190	74	15
32(1-1/4")	116	17	83	170	186	232	86	15
40(1-1/2")	126	17	94	188	186	232	101	15
50(2")	148	20	111	202	197	250	121	15
65(2-1/2")	185	20	140	228	228	282	150	10
80(3")	235	23	167	278	270	330	182	10
100(4")	279	23	179	328	324	385	223	10



BUTTERFLY VALVE



JIS							Unit:mm	
Nom.Size DN(inch)	D1	D2	D3	Oe	n	L	L1	
50(2")	57	120	160	19	4	34.0	36.5	
65(2-1/2")	72	140	184	19	4	36.5	40.5	
80(3")	80	150	200	19	8	34.5	40.0	
100(4")	100	175	230	19	8	43.5	50.5	
125(5")	130	210	256	23	8	53.5	60.5	
150(6")	150	240	288	23	8	55.0	66.0	
200(8")	203	290	348	23	12	72.6	81.5	

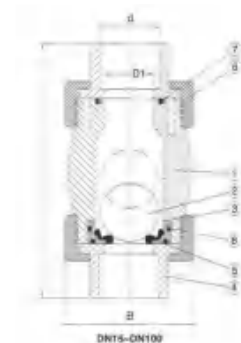
Nom.Size DN(inch)	H1	H2	H3	i	k	Test Press(kgf/cm ²)		Working Press (kgf/cm ²)
						Body	Seat	
50(2")	82.5	102	63	253	220	15.0	12.0	10.0
65(2-1/2")	92	110	63	270	220	15.0	12.0	10.0
80(3")	100	118	63	286	220	15.0	12.0	10.0
100(4")	115	134	63	312	220	15.0	12.0	10.0
125(5")	128	160	96	391	310	15.0	12.0	10.0
150(6")	144	177	96	418	310	15.0	12.0	10.0
200(8")	174	204	93	476	414	15.0	12.0	10.0

Comply to SY 03 - 2018

ASIA



TRUE UNION CHECK VALVE BALL TYPE



JIS						Unit:mm
Nom.Size m/m(inch)	D1	d		L		B
		Socket	Thread	Socket	Thread	
15(1/2")	15	22	PT	101	101	53.5
20(4")	19.5	26	PT	115	115	63.3
25(1")	25	32	PT	140	156	73
32(1-1/4")	32	38	PT	171	171	97.5
40(1-1/2")	40	48	PT	177	171	100
50(2")	50	60	PT	194	195	120.5
65(2-1/2")	62.5	76	PT	229	226	150
80(3")	76	89	PT	278	274	182
100(4")	100	114	PT	336	367	182

Comply to Q/ SY 007 - 2020

ASIA



CHECK VALVE SWING TYPE



JIS								Unit:mm	
Nom.Size DN(inch)	D1	D2	D3	e	n No.of holes	D4	D5	D6	
25(1")	25	90	125	19	4	110	130	75	
40(1-1/2")	41	105	150	19	4	125	145	85	
50(2")	52	120	155	19	4	155	180	105	
65(2-1/2")	80	140	175	19	4	181	205	130	
80(3")	80	150	185	19	8	181	205	130	
100(4")	100	175	228	19	8	215	241	170	
125(5")	125	210	250	21	8	285	330	210	
150(6")	150	240	280	23	8	330	370	250	
200(8")	200	297	340	23	12	390	425	300	

Nom.Size DN(inch)	L	T	A	h	H	D	Test Press (kgf/cm ²)	Working Press (kgf/cm ²)	Mini Back Pressure (kgf/cm ²)
25(1")	160	15	6	40	129	8	15	10	0.34
40(1-1/2")	180	18	8	45	141	8	15	10	0.50
50(2")	200	18	8	55	165	10	15	10	0.50
65(2-1/2")	260	20	9	70	180	12	15	10	0.6
80(3")	260	20	9	70	180	12	15	10	0.6
100(4")	300	24	10	90	216	16	10	7	0.68
125(5")	370	24	14	110	239.5	18	10	7	0.68
150(6")	400	23	16	135	273	20	10	7	0.84
200(8")	500	27	18	170	310	20	10	7	0.84

Comply to Q/ SY 006 - 2020



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