

WATER VALVE



Plastic Valve
Brass Valve
Ductile Casting Iron Valve

**PRODUCT
CATALOG**

Dear Valued Customer

PT. AMD PIPING SYSTEM Founded in 2020, it is a company operating in the most complete piping sector in Indonesia. Offers products such as Plastic Pipes, Fittings, Valves, Accessories, Machinery & Equipment.

We focus on serving customers in the Infrastructure, Housing, Commercial, Industrial, Mining, Maritime, Agricultural and Plantation sectors.

AMD's goal is to offer high-quality products and services to meet customer needs.

AMD manages its business in accordance with standards

ISO 9001:2015

Quality Management System Certificate

ISO 14001:2015

Environmental Management System Certificate

ISO 45001:2018

Safety and Health Management System Certificate



PT. AMD PIPING SYSTEM Berdiri sejak tahun 2020 merupakan Perusahaan yang bergerak di bidang perpipaan terlengkap di Indonesia. Menawarkan produk-produk seperti Pipa Plastik, Fitting, Valve, Accesories, Mesin & Peralatan.

Kami fokus melayani pelanggan di bidang Infrastruktur, Perumahan, Komersial, Industrial, Pertambangan, Kelautan, Pertanian dan Perkebunan.

Tujuan AMD adalah menawarkan produk dan layanan berkualitas tinggi untuk memenuhi kebutuhan pelanggan .

AMD mengelola usaha sesuai dengan standard

ISO 9001:2015

Sertifikat Sistem Manajemen Mutu

ISO 14001:2015

Sertifikat Sistem Manajemen Lingkungan

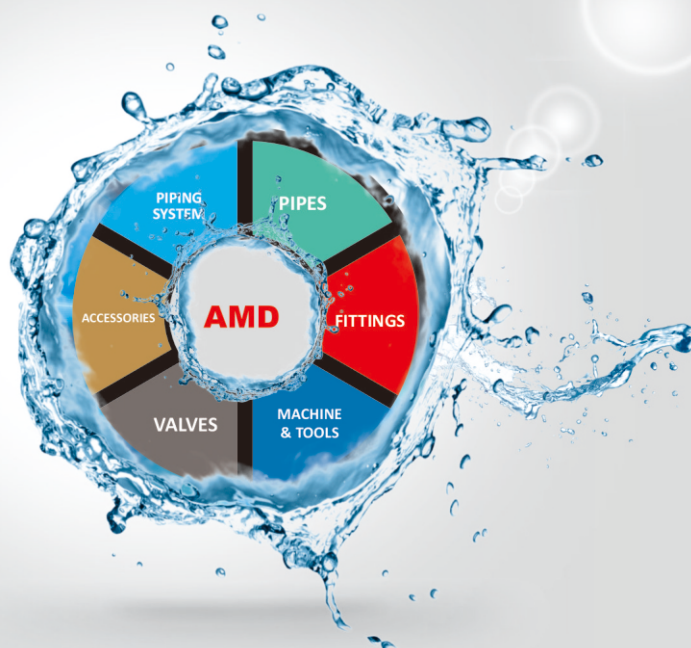
ISO 45001:2018

Sertifikat Sistem Manajemen Keselamatan dan Kesehatan



PIPING SYSTEM TOTAL SOLUTION

Pipes, Fittings, Mesin & Tools
Valves, Accesories, Piping System



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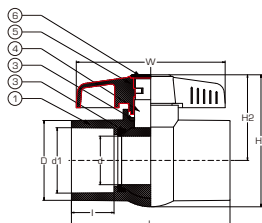
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2.1. Plastic Valve

Ball Valve PVC Compact

**Part**

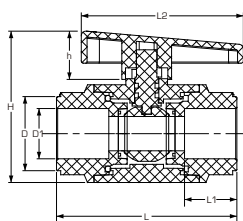
1. Handle
2. Seat Seal
3. O-Ring
4. Ball
5. Seat Ball
6. Cap

Material

PP, PVC, ABS
TPE, TPV
EPDM, NBR
PP, PVC
TPE, TPV
PVC

DN	SIZE	d1				NBR	d	D	L	I	W	H1	H2
		JIS	BS	ANSI	DIN								
15	1/2	22	22	22.34	20	20	14.5	32	80	22	68.5	64.3	44.9
20	3/4	26	26	26.67	25	25	20	36.8	92	25	80.5	76	52
25	1	32	34	33.4	32	32	24	45	106	28	100	94	65
32	1-1/4	38	42	42.16	40	40	30	53.5	112.5	28	108	103	70
40	1-1/2	48	48	48.26	50	50	34	62	129	33	108	112	73.5
50	2	60	60	60.33	63	63	44	75.5	148	39.5	138	126	81
65	2-1/2	76	76	73	75	75	56	92.5	177.5	39.5	92.5	166	108.5
80	3	89	89	88.9	90	85	71	107	209	48	192.5	181	116
100	4	114	114	114.3	110	110	86	134.5	294	78	262	236	151.5
150	6	-	-	168.8	160	-	130.4	185.4	407	102.7	301.9	299.5	181.2

Ball Valve PVC Three PCS

**Part**

1. Handle
2. Seat Seal
3. O-Ring
4. Ball
5. Seat Ball
6. Cap

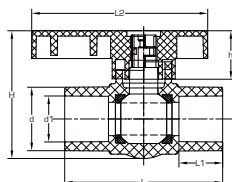
Material

PP, PVC, ABS
TPE, TPV
EPDM, NBR
PP, PVC
TPE, TPV
PVC

SIZE	d	d1	L	L1	H	h
1/2	32	21.7	77.9	22.6	65.3	20.8
3/4	36	26.9	106.2	31.2	76	24.2
1	43	33.6	116.5	35	83.4	23.9
1-1/4	53	40.4	127	35	101.4	29.2
1-1/2	61.7	50.41	132.4	35.5	119.5	33.8
2	74.7	63.4	147.8	37.8	135.9	33.8

2.1. Plastic Valve

Ball Valve PVC Octangle

**Part**

1. Handle
2. Seat Seal
3. O-Ring
4. Ball
5. Seat Ball
6. Cap

Material

PP, PVC, ABS
TPE, TPV
EPDM, NBR
PP, PVC
TPE, TPV
PVC

DN	SIZE	d	d1	L	L1	H	h
15	1/2	29.7	21.5	74	20.5	59.8	22.7
20	3/4	36.2	26.9	78	21	71.6	27.1
25	1	42.4	33.7	88	22	82.9	28.5
32	1-1/4	53	42.5	105	26	97.6	30.8
40	1-1/2	60	48.6	124	32	108	32.5
50	2	74	60.5	143	37	129.8	40

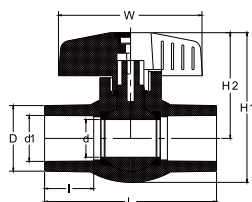
Ball Valve PVC Octangle Type II



DN	SIZE	d	d1	L	L1	H	h
15	1/2	29.7	21.5	74	20.5	59.8	22.7
20	3/4	36.2	26.9	78	21	71.6	27.1
25	1	42.4	33.7	88	22	82.9	28.5
32	1-1/4	53	42.5	105	26	97.6	30.8
40	1-1/2	60	48.6	124	32	108	32.5
50	2	74	60.5	143	37	129.8	40

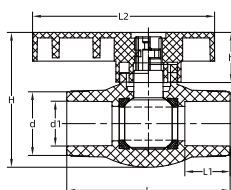
2.1. Plastic Valve

Ball Valve PVC Compact Type II



DN	SIZE	D	D1	d	L	I	W	H1	H2
15	1/2	24	15.9	12.4	68.5	19	60	58	40.7
20	3/4	32	22.2	18.4	84	24	70.2	73	51.6
25	1	38.4	28.6	20.5	91	25	79	77	52.3
32	1-1/4	45.8	34.9	25	105.5	28.5	100	93.5	65.2
40	1-1/2	53.5	41.3	30.6	121	33.5	108	104.8	72.3
50	2	68.4	54	41	149	43.5	130	122	82

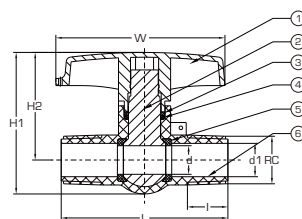
Ball Valve PVC Compact Luxury



DN	SIZE	d	d1	L	L1	L2	H	h
15	1/2	28.8	20.3	74	20.5	82.5	61.1	22.7
20	3/4	35	25.3	78	21	89.5	72	27.1
25	1	42.5	33.6	88	22	102.9	92.2	28.5
32	1-1/4	53	40	105	26	123	97.3	30.9
40	1-1/2	61	50	124	32	148	109.1	32.5
50	2	74	63.5	143	37	148	130.8	40

2.1. Plastic Valve

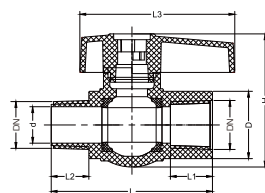
Ball Valve PVC Compact M/M



Part	Material
1. Handle	ABS
2. Stem	PVC-U
3. Seal Seat	PE
4. O-Ring	NBR
5. O-Ring	PE
6. Body	PVC-U

DN	SIZE	RC	d	d1	L	I	W	H1	H2
15	1/2	1/2	12	14	70	17	71	60	45
20	3/4	3/4	16	18	75	17	71	67	47

Ball Valve PVC Compact M/F

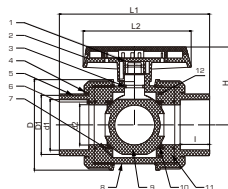


Part	Material
1. Handle	PVC
2. Nail	SS 304
3. Nail	PP
4. Stem O-Ring	EPDM
5. Body	PVC
6. Seal Seat	TPE

DN	SIZE	D	d	L	L1	L2	L3	H
15	1/2	28.8	15.6	69	18	16.1	66.3	57
20	3/4	34.5	21	80	20	18	79.7	67.6
25	1	42.1	26.8	93.3	25.3	23	89.7	79.3
32	1-1/4	52.1	33.5	107	27	25.5	101.4	91.7
40	1-1/2	59.5	39.5	123.7	30	28	117.7	101.8
50	2	72.3	50	151	35	30	135.1	122.64

2.1. Plastic Valve

Ball Valve PVC True Union

**Part**

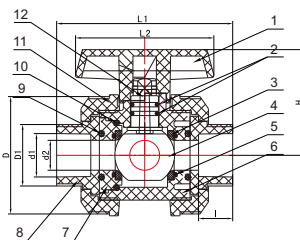
1. Stem
2. Handle
3. Stem O-Ring
4. Union Nut
5. End Connector
6. Body O-Ring
7. O-Ring
8. Body
9. Ball
10. Seat Seal
11. Seat Carrier
12. Carrier O-Ring

Material

CPVC
ABS
EPDM
CPVC
CPVC
EPDM
EPDM
CPVC
CPVC
PTFE
CPVC
EPDM

DN	SIZE	d1	d2	D	D1	I	L1	L2	H
15	1/2	20	14	51.2	27.6	20.6	112.5	65	50.5
20	3/4	25	18.7	65.5	35.6	24.6	130.2	75	58.5
25	1	32	24	73.7	41.6	28	142.5	85	65.7
32	1-1/4	40	32	86.6	52	31	161	97	76.5
40	1-1/2	50	40	102	59.5	31.5	166.5	110	86
50	2	63	50	120	75	40	214	133.5	101.5
65	2-1/2	75	60	135	87.5	40	228	161	112.5
80	3	90	79	188	107.5	48	269	200	160.5
100	4	110	99	216	132	56	309	240	173.5

Ball Valve PVC True Union Type II

**Part**

1. Handle
2. Stem O-Ring
3. Seat Seal
4. Ball
5. O-Ring
6. Body
7. Seat Carrier
8. End Connector
9. O-Ring
10. O-Ring
11. Union Nut
12. Stem

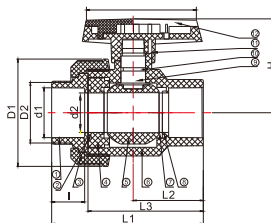
Material

ABS
NBR
PE
PVC-U
NBR
PVC-U
PVC-U
PVC-U
NBR
NBR
PVC-U
PVC-U

DN	SIZE	d1				d2	D	D1	H	I	L1	L2
		JIS	BS	ANSI	DIN							
15	1/2	22	22	21.34	20	14	55	26	49.50	16	82.50	65
20	3/4	26	26	26.67	25	18	60	36	54.50	19	92	80
25	1	32	34	33.40	32	25	69	44	62	22.50	107	85
32	1-1/4	38	48	42.16	40	32	81.50	56	74	26	120	97
40	1-1/2	48	48	48.26	50	40	93	63	85	31.50	144	116
50	2	60	60	60.33	63	50	111	78	100	38.50	172	134

2.1. Plastic Valve

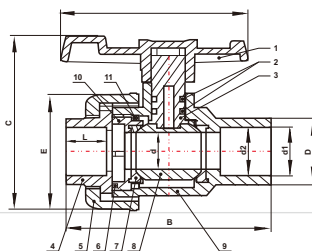
Ball Valve PVC Single Union



Part	Material
1. End Connection	CPVC
2. Carrier O-Ring	EPDM
3. Union Nut	CPVC
4. Seal Carrier	CPVC
5. Ball	CPVC
6. Body	CPVC
7. Seat Seal	PTFE
8. O-Ring	EPDM
9. Stem	CPVC
10. Stem O-Ring	EPDM
11. Handle	ABS

DN	SIZE	d1	d2	D1	D2	I	L1	L2	L3	L4	H
15	1/2	20	14	51.3	27.6	20.6	95.8	25.3	67.3	65	49.5
20	3/4	25	18.7	65.5	35.2	25	111.4	32.4	78.3	74.9	56.5
25	1	32	24	73.7	41.6	27.9	121.5	49.5	85.9	85	65
32	1-1/4	40	32	86.6	49	27	130	57	99	97.1	76.5
40	1-1/2	50	40	102	60.8	34.5	157.5	69	113.5	109.7	86.5
50	2	63	50	120	74.5	40	190	81	136.5	190	102
65	2-1/2	75	60	135	89	40	210	95.9	156	161	113.5
80	3	90	79	188	107.5	48	254.6	120.9	196.5	199.4	161.5
100	4	110	99	215.5	132	56	294	140.7	225	240	174

Ball Valve PVC Single Union Type II

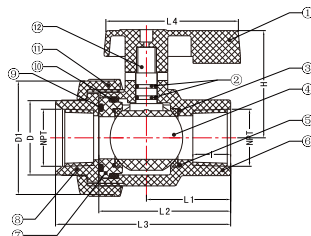


Part	Material
1. Handle	U-PVC
2. Stem O-Ring	NBR / EPDM
3. Stem	U-PVC
4. End Connector	U-PVC
5. Union Nut	U-PVC
6. Carrier O-Ring	NBR / EPDM
7. Seat Seal	TPV
8. Ball	U-PVC
9. Body	U-PVC
10. O-Ring	NBR / EPDM
11. Seat Carrier	U-PVC

DN	SIZE	DIN		ANSI		JIS		BS		B	D	d	L	C	A
		d2	d3	d2	d3	d2	d3	d2	d3						
15	1/2	19.8	20.3	21.23	21.54	21.70	22.3	21.3	21.5	75.3	28.8	15	16	77.5	68
20	3/4	24.8	25.4	26.57	26.87	25.70	26.3	26.7	26.9	86.5	35.2	20	19	88.5	76
25	1	31.7	32.3	33.27	33.65	31.67	32.33	33.5	33.7	98.4	42.8	25	22	102	87
32	1-1/4	39.7	40.4	42.04	42.42	37.57	38.43	42	42.2	114.8	51.8	30	26	116	102
40	1-1/2	49.7	50.4	48.11	48.56	47.54	48.46	48.2	48.4	137	61.8	39	32	135.5	119
50	2	62.7	63.4	60.17	60.63	59.44	60.56	60.3	60.5	165	75.3	49	38	164	145
65	2-1/2	74.6	75.5	72.85	73.38	75.87	76.6	75.1	75.3	193	89.2	60	41	192	178
80	3	89.6	90.5	88.7	89.31	88.83	89.6	88.8	89.1	229.5	106.4	76	51	227	209
100	4	109.5	110.6	114.07	114.76	113.98	114.7	114.2	114.5	271	130.7	96	60	217.5	248

2.1. Plastic Valve

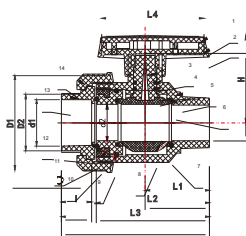
Ball Valve PVC Single Union Type III



Part	Material
1. Handle	PVC-U
2. Stem O-Ring	NBR
3. Seat Seal	PTFE
4. Ball	PVC-U
5. O-Ring	NBR
6. Body	PVC-U
7. Seat Carrier	PVC-U
8. End Connector	PVC-U
9. Seat Carrier Flat O-Ring	NBR
10. Seat Carrier O-Ring	NBR
11. Orion Nut	PVC-U
12. Atom	PVC-U

DN	d	D	D1	I	L1	L2	L3	L4	H
15	1/2	29	49	18	38	58	80	57	50
20	3/4	35	60	18	41.9	66	88	64	49.7
25	1	43.2	66	22	49	76.7	101.9	77.2	62.3
32	1-1/4	51	81	29	59	93	125	91	75
40	1-1/2	60	94	31.5	63.2	99.2	133.2	100	81.5
50	2	74	111	38	82.4	124.7	165.7	117.6	92.4
80	3	107.5	178	56	108.4	172	229.3	173	138.6
100	4	131	210	66.2	135	212.4	281.1	224	151.65

Ball Valve PVC Single Union Male

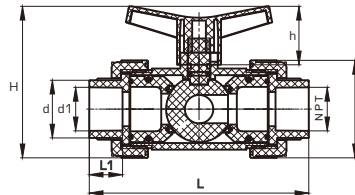


Part	Material
1. Cover	PVC-U
2. Handle	ABS
3. Stem	PVC-U
4. Stem O-Ring	EPDM
5. Body	PVC-U
6. O-Ring	EPDM
7. Seat Seal	PTFE
8. Ball	PVC-U
9. O-Ring	EPDM
10. Seal	PVC-U
11. Seal Carrier	PVC-U
12. O-Ring	EPDM
13. End Connector	PVC-U
14. Union Nut	PVC-U

DN	SIZE	D1	D2	d1	d2	L1	L2	L3	L4	H	I
15	1/2	47.8	26.4	20.3	14	40	67	88.5	59.2	49.8	17
20	3/4	58.8	31.3	25.3	19	43	78	101.5	68.3	57.3	20
25	1	68	38	32.4	32	50	86	112	78.3	64.4	23.4
32	1-1/4	82.4	49	40.4	32.5	56.4	99.3	129.7	89.5	76	26.6
40	1-1/2	94.6	59.5	50.4	40	68.2	115	151.8	101.3	86.6	31.5
50	2	113	73.9	63.4	49.7	78	134	179	124.4	101	38.5
65	2-1/2	128	87.8	67	59.5	90	151.8	203.8	149.9	113.1	44
80	3	181	107.4	90.4	80	120.9	196	254.7	191.6	160	52
100	4	204	132.2	106.5	96	139.5	224.5	295.8	191.6	230.3	62

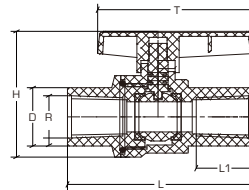
2.1. Plastic Valve

Ball Valve PVC 3 Ways



DN	SIZE	d	d1	D	L	L1	H	h	NPT
25	1	33.6	25.3	56.7	127.8	19.4	88.2	34	34
32	1-1/4	41.5	32.4	67	146.8	22	102.8	37.31	37.31
40	1-1/2	51.8	40.4	80.8	172	26.2	114.8	38.6	38.6
50	2	62.7	50.5	102.4	208	32.4	148.4	49.2	49.2

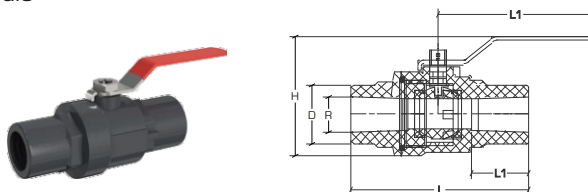
Ball Valve Two PVC



DN	SIZE R	d1				D	L	L1	H	T
		JIS	BS	ANSI	DIN					
15	1/2	22	22	21.34	20	30	93	28	63.7	79
20	3/4	26	26	26.67	25	33.2	95.6	25	68.5	79
25	1	32	34	33.4	32	41	114.4	28	81	85
32	1-1/4	38	42	42.16	40	51.5	127.6	31	93.6	92
40	1-1/2	48	48	48.26	50	58	139.5	35	106.3	103
50	2	60	60	60.33	63	74.5	162	42	125.06	118

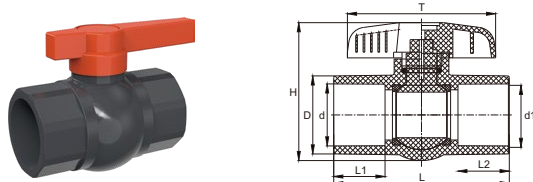
2.1. Plastic Valve

Ball Valve PVC Two Pcs
With Stainless Steel Handle



DN	SIZE	L	L1	D	H	T
20	1/2	87	28	29	58.27	75.8
25	3/4	93.6	27.98	33.2	63.67	80.8
32	1	108.4	31	41	74.97	83.2
40	1-1/4	120.5	35	51.5	90.8	96.4
50	1-1/2	137	39	58	102	111.4
63	2	162	46	74.5	118.85	123
75	2-1/2	197	52.5	91.5	145.62	139.5
90	3	247.5	73.5	104.75	166.25	190.72
110	4	282.39	74	133.97	199.25	208.78

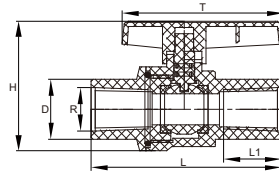
Ball Valve Compact Octagonal



DN	SIZE	d1				L	L1	L2	H	T
		JIS	BS	ANSI	DIN					
15	1/2	22	22	21.34	20	69.8	18.5	18	60.1	65
20	3/4	26	26	26.67	25	79.2	22	22	69.5	71.8
25	1	32	34	33.4	32	94.5	26.2	25	83.7	87.8
32	1-1/4	38	42	42.16	40	106.8	26.8	26	94.5	99.6
40	1-1/2	48	48	48.26	50	122.8	31.2	31	109.7	109.8
50	2	60	60	60.33	63	142.7	34.5	34	129	127.5
65	2-1/2	76	76	73	75	173	41.5	41.5	164.5	180
80	3	89	89	88.9	90	228	65	65	191	196
100	4	114	114	114.3	110	256	65.5	65.5	216	218.5

2.1. Plastic Valve

Ball Valve PVC Socket
With Coating ball



DN	SIZE	L	L1	D	H	T
15	1/2	93	28	30	63.7	79
20	3/4	95.6	25	33.2	68.5	79
25	1	114.4	28	41	81	85
32	1-1/4	127.6	31	51.5	93.6	92
40	1-1/2	139.5	35	58	106.3	103
50	2	162	42	74.5	125.06	118

Ball Valve PVC Two PCS Saet

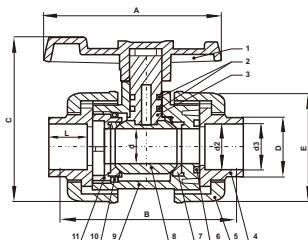


- Main Material PVC
- Size 1/2" To 4"
- Power Manual
- End Connection Socket/Threaded
- Customized Support OEM, ODM
- Standard CNS/JIS/DIN/BS/ANSI/NPT/BSPT
- Certificate ISO9001, SGS, GMC, CNAS
- Use Irrigation Agricultural, Water Supply

DN	L	L1	L2	D	H	D
1/2	93.4	79	31	31.7	64	14.9
3/4	98.6	79	31	37	70.5	19.9
1	114.3	101.2	35	44.8	87.8	24.8
1-1/4	128.9	101.2	38	57.4	99.5	31.6
1-1/2	139.6	131.4	41	63.9	114.8	37.4
2	167.2	131.4	48	79	128.7	46.6

2.1. Plastic Valve

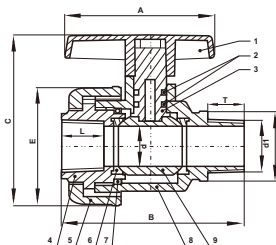
Ball Valve PVC Double Union



Part	Material
1. Handle	U-PVC
2. Stem O-Ring	NBR / EPDM
3. Stem	U-PVC
4. End Connector	U-PVC
5. Union Nut	U-PVC
6. Carrier O-Ring	NBR / EPDM
7. Seat Seal	TPV
8. Ball	U-PVC
9. Body	U-PVC
10. O-Ring	NBR / EPDM
11. Seat Carrier	U-PVC

DN	SIZE	B	d	D	L	C	A
15	1/2	75.3	15	28.8	16	77.5	68
20	3/4	86.5	20	35.2	19	88.5	76
25	1	98.4	25	42.8	22	102	87
32	1-1/4	114.8	30	51.8	26	116	102
40	1-1/2	137	39	61.8	32	135.5	119
50	2	165	49	75.3	38	164	145
65	2-1/2	193	60	89.2	41	192	178
80	3	229.5	76	106.4	51	227	209
100	4	271	96	130.7	60	217.5	248

Ball Valve PVC Single Union Threaded M/F

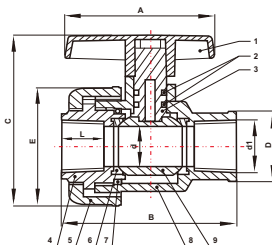


Part	Material
1. Handle	U-PVC
2. O-Ring	NBR / EPDM
3. Stem	U-PVC
4. End Connector	U-PVC
5. Union Nut	U-PVC
6. Seal Seal	TPE / TPV
7. O-Ring	NBR / EPDM
8. Body	U-PVC
9. Ball	U-PVC

SIZE	d	d1	A	B	C	D	E	L
1/2	-	-	-	-	-	-	-	-
3/4	20	26,4	65	78,4	85,7	35	59,4	18
1	25	33,2	73	89,9	100,5	41	68,7	19
1-1/4	30	41,9	84,5	106	111	49,8	78,6	23
1-1/2	39	47,8	93	123	133	59	94,6	24
2	49	59,6	107	144	159,5	72	114,6	28
2-1/2	60	75,2	141	173,5	191,5	89,4	139	33
3	76	87,9	151	201	221,5	103	168	38
4	96	113	175,5	237,5	267.	128,2	205,6	43

2.1. Plastic Valve

Ball Valve PVC Single Union Threaded F/F

**Part**

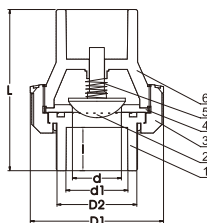
1. Handle
2. O-Ring
3. Stem
4. End Connector
5. Union Nut
6. Seal Seal
7. O-Ring
8. Body
9. Ball

Material

U-PVC
NBR / EPDM
U-PVC
U-PVC
U-PVC
TPE / TPV
NBR / EPDM
U-PVC
U-PVC

SIZE	d	d1	A	B	C	D	E	L
1/2	-	-	-	-	-	-	-	-
3/4	20	26,47	65	76.9	85,7	35	59,4	18
1	25	33,5	73	86.8	100,5	43	68,7	19
1-1/4	30	42.4	84,5	103	111	52	78,6	23
1-1/2	39	48	93	115	133	61	94,6	24
2	49	59.9	107	136.4	159,5	73	114,6	28
2-1/2	60	45.5	141	163	191,5	91.8	139	33
3	76	88.2	151	192	221,5	104	168	38
4	96	113.4	175,5	226	267	130	205,6	43

Spring Check Valve PVC Single Union

**Part**

1. Union Connector
2. Gate
3. Union Nut
4. Space Seal
5. Spring
6. Body

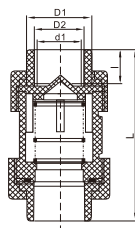
Material

PVC
PVC
PVC
EPDM, FPM (NBR)
Stainless Steel
PVC

Size	DN	D1	D2	d	d1				I	L
					JIS	BS	ANSI	DIN		
1/2	15	51.3	27.5	16	22	22	21.34	20	20.5	80
3/4	20	65.5	35.5	19	26	26	26.67	25	22	86.5
1	25	73.7	41.5	24	32	34	33.4	32	28	96
1-1/4	32	86.8	51.6	32	38	42	42.16	40	30.2	105
1-1/2	40	102	60.9	40	48	48	48.26	50	34.7	115.5
2	50	119.8	75	49.8	60	60	60.33	63	40	141

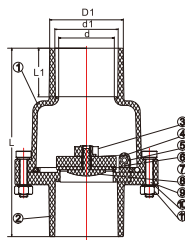
2.1. Plastic Valve

Spring Check Valve PVC True Union



SIZE	d	d1	D1	D2	I	L
1/2	16.8	20	48	27.4	17	87.2
3/4	22	25	68	36.2	19.7	114.53
1	26.5	32	68	42	23	129.5
1-1/4	37.1	40	95	52.6	27	151.1
1-1/2	44.6	50	92.8	61.4	32	160.3
2	54.8	63	114.8	77.6	38	193.2
2-1/2	65	75	148	89.4	45	231.4
3	80	90	179	108.5	58	270
4	80	110	179	132.5	63.5	281.8

Swing Check Valve PVC



Part

1. Exit Body
2. Entrance Body
3. Gate Nut
4. Disk
5. Pin
6. Sheet Gasket
7. O-Ring
8. Sheet Gasket Holder
9. Bolt
10. Washer
11. Nut

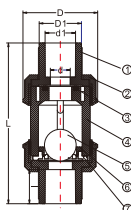
Material

PVC
PVC
PVC
PVC
SUS 304
EPDM, FPM (NBR)
EPDM, FPM (NBR)
PVC
SUS 304
SUS 304
SUS 304

SIZE	DN	D1	d	d1				L	L1	N-Øe
				JIS	BS	ANSI	DIN			
2-1/2	65	89	68.3	76	76	73.03	75	226.2	58	8
3	80	103.6	83	89	89	88.9	90	264.4	73	8
4	100	131.6	101	114	114	114.3	110	358	90	8
6	150	182	147	165	166	168.3	160	422.4	113	12
8	200	182	-	-	-	-	-	424.2	119.5	13

2.1. Plastic Valve

Ball Check Valve PVC True Union

**Part**

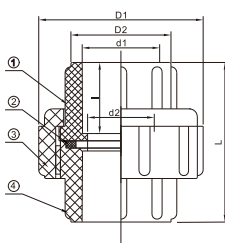
1. End Connector
2. Union Nut
3. Stem O-Ring
4. Body
5. Ball
6. Gland
7. Seat

Material

CPVC
CPVC
EPDM
CPVC
CPVC
CPVC
EPDM

SIZE	DN	D	D1	d	d1				I	L
					JIS	BS	ANSI	DIN		
1/2	15	51.3	27.5	15	22	22	21.34	20	20.5	105
3/4	20	65.5	35	19.5	26	26	26.67	25	25	116.5
1	25	73.7	41.6	25	32	34	33.4	32	28	130.5
1-1/4	32	86.8	51.6	32	38	42	42.16	40	29.5	148.5
1-1/2	40	102	60.9	40	48	48	48.26	50	34	168.5
2	50	119.8	75	50	60	60	60.33	63	40	189

Double Union Socket

**Part**

1. End Connector
2. O-Ring
3. Union Nut
4. Body

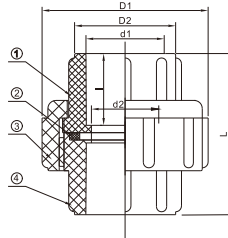
Material

PVC, CPVC
EPDM, FPM (NBR)
PVC, CPVC
PVC, CPVC

SIZE	DN	D1	D2	d1				d2	I	L
				JIS	BS	ANSI	DIN			
1/2	15	50.6	29.2	22	22	21.34	20	20.5	20.5	48
3/4	20	56.7	34.5	26	26	26.67	25	22	22	53.6
1	25	66.5	42.6	32	34	33.4	32	28	28	63
1-1/4	32	81	52	38	42	42.16	40	30	30	72.6
1-1/2	40	86.8	59	48	48	48.26	50	34.5	34.5	85
2	50	105.8	72.1	60	60	60.33	63	40	40	103
2-1/2	65	129	90	76	76	73.03	75	40	40	109
3	80	145.5	103.5	89	89	88.9	90	48	48	125.5
4	100	175	132.5	114	114	114.3	110	60	60	160
6	150	241.5	189.8	-	-	165.5	157.3	76.7	76.7	187.4

2.1. Plastic Valve

Double Union Threaded

**Part**

1. End Connector
2. O-Ring
3. Union Nut
4. Body

Material

PVC, CPVC
EPDM, FPM (NBR)
PVC, CPVC
PVC, CPVC

SIZE	D	D1	D2	H	H
1/2	45	29.2	14	54	21
3/4	55.6	34.5	19	59.1	23
1	65.8	43	24	66.1	29
1-1/4	80.1	51	32	76	31
1-1/2	95.2	61	40	82.2	35
2	109.2	75.6	45	95.8	41

Swing Foot Valve Flange



- Tipe sambungan tunggal, mudah memuat dan membongka muatan. Pasang secara vertikal, mengalir dari bawah ke atas.
- Kolom air terkecil yang disekat adalah 1 meter, dan tidak ada getaran bahkan pada laju aliran tinggi.
- Kualitas Tinggi: Halus, bobot ringan, anti-oksidasi, anti-korosi, anti-karat, harga yang masuk akal.

Material : PVC/UPVC/CPVC/PP

Standar : DIN/BS/ANSI/JIS/CNS

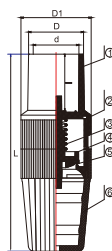
Tekanan : Normal/rendah/tekanan tinggi

Suhu : Suhu Normal

DN	SIZE	L	L1
50	2		
65	2-1/2		
80	3		
100	4		
125	5		
150	6		
200	8		

2.1. Plastic Valve

Foot Valve PVC

**End Connector
Material****Part**

1. Body
2. Connector
3. Spring
4. Gate
5. Seal
6. Body

**Thread, Socket
PVC****Material**

- PVC
EPDM, FPM (NBR)
Stainless Steel
PVC
EPDM, FPM (NBR)
PVC

SIZE	DN	D	D1	d				I	L
				JIS	BS	ANSI	DIN		
1/2	15	31	43.7	22	22	21.34	20	31	137
3/4	20	35.5	43.7	26	26	26.67	25	32.5	141
1	25	41.9	73.7	32	34	33.4	32	32.8	141
1-1/4	32	51	78	38	42	42.16	40	35	195
1-1/2	40	60.3	78	48	48	48.26	50	56	217.4
2	50	72.5	78	60	60	60.33	63	57	217.4
2-1/2	75	90	171.6	76	76	73.03	75	73.5	293.4
3	90	76.4	183.8	89	89	88.9	90	58.2	252
4	110	115	216	114	114	114.3	110	91	360
	125	142.4	232.6	-	-	-	125.6	95	386.47
	140	159	246.5	-	-	-	140.6	105	430
6	160	161	291	165	168.3	168.3	160	120	500

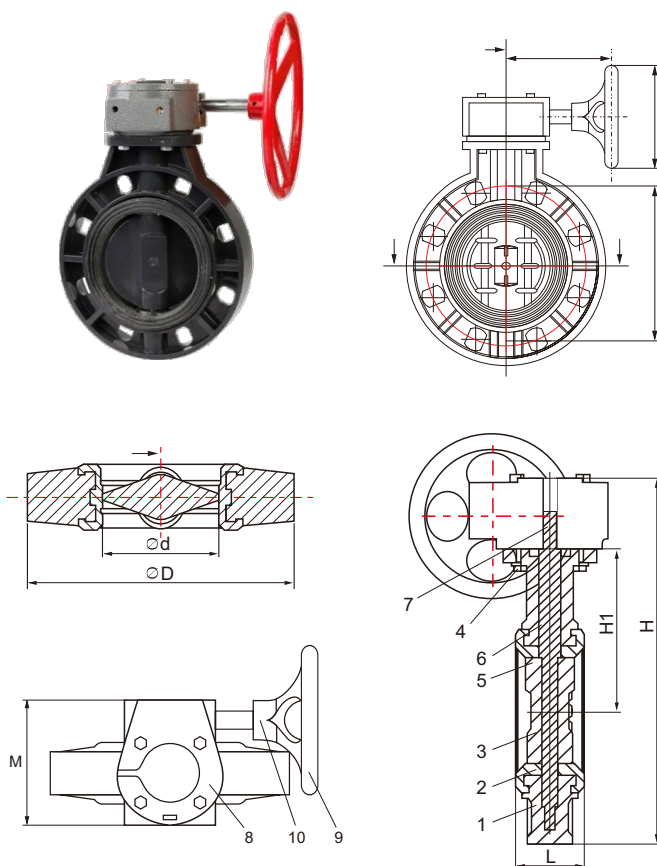
Butterfly Valve PVC Gear



DN	SIZE	
90	3	
110	4	
140	5	
160	6	
200	8	
225	8	
315	12	

2.1. Plastic Valve

Butterfly Valve PVC Gear



**Standard
Pressure**

**DIN/ANSI/JIS
200 PSI**

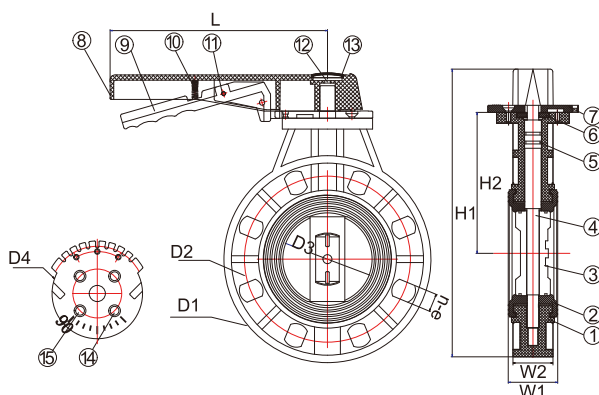
Part**Material**

1. Body	PVC/CPVC/PPG
2. Seat Seal	EPDM/FPM
3. Disc	PVC/CPVC/PPG
4. Bolt	SS 304
5. Stem	Steel/SS 304/SS 316
6. O-Ring	EPDM/FPM
7. Key	Steel
8. Gear Box	Iron
9. Handle Wheel	Iron
10. Pin	Steel

SIZE		PCD/ØD1			n-Øe			ØD	Ød	Ø1	L	L1	H	H1	M	N
Inch	DN	DIN	ANSI	JIS	DIN	ANSI	JIS									
4	100	180	191	175	8-Ø19	8-Ø19	8-Ø19	228	98	145	54	120	340	140	120	90
5	125	210	216	210	8-Ø19	8-Ø19	8-Ø19	258	122	280	64	200	385	168	180	100
6	150	240	241	240	8-Ø23	8-Ø23	8-Ø23	287	146	280	70	200	417	181	180	100
8	200	295	298	290	8-Ø23	8-Ø23	12-Ø23	344	199	280	88	200	487	215	180	100
10	250	350	362	355	12-Ø25	12-Ø25	12-Ø25	412	255	280	98	220	551	260	180	130
12	300	400	432	400	12-Ø25	12-Ø25	16-Ø25	460	302	280	108	220	595	280	180	130
14	350	460	476	445	16-Ø25	12-Ø29	16-Ø25	500	345	380	88	280	670	410	250	220
16	400	515	540	510	16-Ø27	16-Ø29	16-Ø27	565	395	380	98	280	770	490	250	220

2.1. Plastic Valve

Butterfly Valve PVC Lever Handle



Standard
Pressure
End Connector

DIN/ANSI/JIS
200 PSI
Flange

Part

1. Body
2. Seat Seal
3. Gate
4. Stem
5. O-Ring
6. Washer
7. Locking Plate
8. Large Handle
9. Small Handle
10. Spring
11. Pin
12. Bolt
13. Handle Cap
14. Inserted Bolt
15. Bolt Cap

Material

PVC
EPDM, FPM (NBR)
U-PVC
SUS410
EPDM, FPM (NBR)
ABS
PVC
ABS
ABS
SUS304
SUS304
SUS304
ABS
SUS304
PVC

SIZE		D1	D2/PCD			D3	D4	H1	H2	W1	W2	L	n-Øe		
Inch	DN		DIN	ANSI	JIS								DIN	ANSI	JIS
2	50	160.1	120	120.4	100	55.6	99.7	223.3	98.3	44	32	189.7	4-Ø20	4-Ø19	4-Ø19
2-1/2	65	179.8	141.2	139.5	140	68.7	99.7	247	111.6	48.3	32.4	189	4-Ø18	4-Ø19	4-Ø19
3	80	195	156.4	139.5	140	83.9	99.7	282.6	132.5	51.9	36.3	238.5	8-Ø20	4-Ø19	8-Ø19
4	100	228.1	183	152.4	150	103.2	99.7	319.4	155.4	54.5	44.1	239.5	8-Ø20	8-Ø19	8-Ø19
5	125	257	210.9	190.5	175	129.5	139	368	170.3	66.5	54.6	309.8	8-Ø21.5	8-Ø19	8-Ø19
6	150	285.4	238.5	241.5	240	151.1	140	400.8	187.5	73.1	56.4	309.8	8-Ø24	8-Ø22	8-Ø23
8	200	342.6	292.4	298.5	295	198.6	140	473	230.1	92	72.2	309.8	8-Ø24	8-Ø23	8-Ø23

2.1. Plastic Valve

Gate Valve 1



DN	SIZE
40	1-1/4
50	1-1/2
63	2
75	2-1/2
90	3
110	4
160	6

Gate Valve 2



SIZE
32
40
50
63
75
90
110
160
250

2.1. Plastic Valve

Spring Check Valve PVC



SIZE	
1/2	
3/4	
1	
1-1/4	
1-1/2	
2	

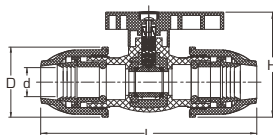
Wafer Check Valve With Flange



DN	SIZE	
90	3	
110	4	
140	5	
160	6	
200	8	
250	10	
315	12	

2.1. Plastic Valve

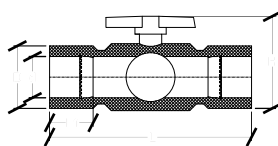
Ball Valve PP Compression



- Body, Nut, Bushing Polypropylene (PP-B)
- O-Ring Gasket (NBR)
- Clinching Ring (POM)
- PN 16 [20-63], PN 10 [75-110],
- ISO 14236.2000

DN	D	d	L
20	44	21	59
25	56	26	76
32	65	33	88
40	80	41	113
50	92	51	127
63	114	64	137

Ball Valve PP Push

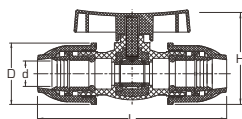


Fitting ini memungkinkan pemasangan pipa yang cepat dan sederhana, secara signifikan mengurangi waktu instalasi: Cukup longgarkan mur tanpa melepasnya dan masukkan pipa. Spesifikasi fitting lengkap yang dapat memenuhi kebutuhan di berbagai lokasi konstruksi.

Size	L	L1	d	D	H
20	100	28	33	20,5	60
25	118	34	39,5	25,5	65
32	146	43	48	32,8	83

2.1. Plastic Valve

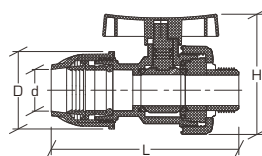
Ball Valve PP Compression Handle B



- Body, Nut, Bushing Polypropylene (PP-B)
- O-Ring Gasket (NBR)
- Clinching Ring (POM)
- PN 16 (20-63), PN 10 (75-110),
- ISO 14236.2000

DN	D	d	L
20	44	21	59
25	56	26	76
32	65	33	88
40	80	41	113
50	92	51	127
63	114	64	137

Male Ball Valve PP Compression

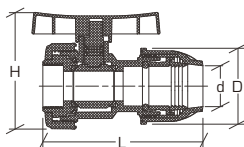


- Body, Nut, Bushing Polypropylene (PP-B)
- O-Ring Gasket (NBR)
- Clinching Ring (POM)
- PN 16 (20-63), PN 10 (75-110)
- ISO 14236.2000

DN	D	d	L	H
20x1/2"	44	21	150	65
25x3/4"	56	26	165	70
32x1"	65	33	195	90
40x1-1/4"	80	41	230	100
50x1-1/2"	92	51	260	125
63x2"	114	64	305	150

2.1. Plastic Valve

Female Ball Valve PP Compression



- Body, Nut, Bushing Polypropylene (PP-B)
- O-Ring Gasket (NBR)
- Clinching Ring (POM)
- PN 16 (20-63), PN 10 (75-110)
- ISO 14236.2000

DN	D	d	L	H
1/2"	44	21	150	65
3/4"	56	26	165	70
1"	65	33	195	90
1-1/4"	80	41	230	100
1-1/4"	92	51	260	125
2"	114	64	305	150

Male Ball Valve PP Compression

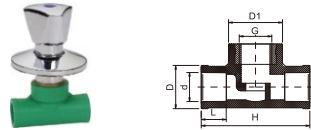


- Body, Nut, Bushing Polypropylene (PP-B)
- O-Ring Gasket (NBR)
- Clinching Ring (POM)
- PN 16 (20-63), PN 10 (75-110)
- ISO17885

DN	d	L	H
1/2"	21	150	65
3/4"	26	165	70
1"	33	195	90
1-1/4"	41	230	100
1-1/4"	51	260	125
2"	64	305	150

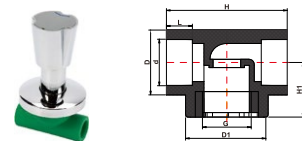
2.1. Plastic Valve

I Stop Valve With Chrome Handle



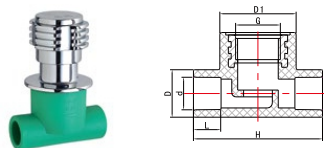
SIZE (mm)	D	d	G	L	H	D1
20	29.0	19	1/2	16.1	70.7	34.8
25	36.8	24	3/4	18.1	83	44.7
32	43.4	30.9	3/4	20.1	86.5	45.2

II Stop Valve With Chrome Handle



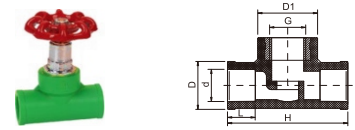
SIZE (mm)	D	d	G	L	H	D1	H1
20x3/4	28	19	3/4	16	73.6	44.8	29.4
25x1	33.2	24	1	16.5	80.5	56	35.9
32x1	43.2	30.9	1	17.3	80.5	53.5	36.4

III Stop Valve



SIZE (mm)	D	d	L	H	D1	G
20	28	19	16.1	76.2	45	3/4
25	35.5	24	18.1	81	46	3/4

Stop Valve



SIZE (mm)	D	d	G	L	H	D1
20	29.0	19	1/2	16.1	70.7	34.8
25	36.8	24	3/4	18.1	83	44.7
32	43.4	30.9	3/4	20.1	86.5	45.2
40	55.6	38.6	1	22.5	97.4	55.5
50	70.1	48.9	1-1/4	25.5	121.6	66.3
63	87.1	61.7	1-1/2	28.7	133.1	74.8
75	103.2	73.4	2-1/4	32	167.6	98
90	123.6	88.8	2-3/4	36	201.9	118
110	149.5	107.5	3-1/2	42	245.6	147

Stop Valve (W/Screw End)



SIZE (mm)	D	G	G1	L	H	D1
20	34.7	1/2	1/2	16.1	70.4	35.3
25	40.2	3/4	3/4	18.1	83.7	44.6
32	47.4	1	1	20.1	87.2	45.9

2.1. Plastic Valve

Stop Valve With Long handle



SIZE (mm)	D	G	G1	L	H	D1
20	29.3	19.2	G1½"	16.28	70	38
25	35	24.2	G¾"	18.28	83	44

Compact Ball Valve



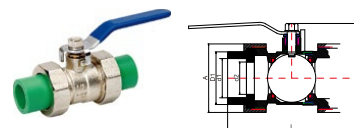
Nominal Diameter D mm					
20	25	32	40	50	63

Gate Valve



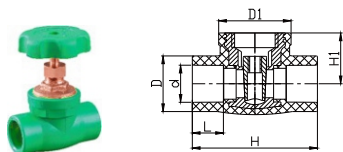
SIZE (mm)	d	D	D1	L	H	H1
20	19.2	28.8	37.5	16.1	64.8	26.3
25	24.2	34	45	18.1	23	32.5
32	31.2	42.4	50	20.1	78	36.4
40	39	52.6	60	22.1	89	45.1
50	49.1	66.1	72	25.1	105	49.9
63	61.9	83.1	85	29.1	129	60

True Union Ball Cock



SIZE (mm)	D1	d1	d2	I	L	H	
20	27.4	19	15	19.0	92.8	37.5	40.5
25	34.8	24	20	19	101.2	45.2	48.4
32	42.4	30.9	26.9	21	114.5	51.7	57.3
40	52.6	38.8	32	22.7	144.1	62	75.1
50	66.1	48.9	42	25.7	175.8	69.8	92.7
63	83	61.7	51	29.7	202.8	86.25	108

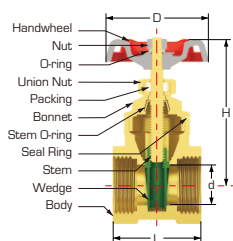
Gate Valve



SIZE (mm)	d	D	D1	L	H	H1
20	19.2	28.8	37.5	16.1	64.8	26.3
25	24.2	34	45	18.1	23	32.5
32	31.2	42.4	50	20.1	78	36.4
40	39	52.6	60	22.1	89	45.1
50	49.1	66.1	72	25.1	105	49.9
63	61.9	83.1	85	29.1	129	60

2.2. Brass Valve

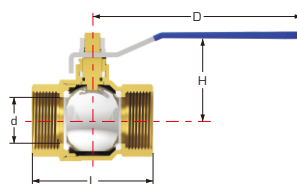
Gate Valve Brass



PART	MATERIAL
Body	Brass
Bonnet	Brass
Stem	Brass
Disc	Brass
Gland Packing	PTFE
Hand Wheel	Iron
Gasket	PTFE

DN	SIZE	L	H	D	d
15	1/2	43	66	53	14
20	3/4	46	73	53	18.5
25	1	51	85.5	59	23.5
32	1-1/4	54	100	72	28
40	1-1/2	62	115	86	35
50	2	69	134	98	44
65	2-1/2	82	160	98	56
80	3	93.5	194	127	68
100	4	114	241	147	90

Ball Valve Brass

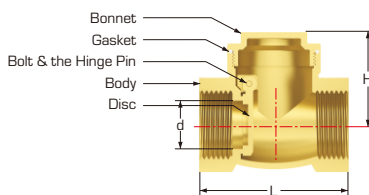


PART	MATERIAL
Body	Brass
Bonnet	Brass
Stem	Brass
Ball	Brass
Gland Packing	PTFE
Ball Seat	PTFE
Handle	Carbol Steel

DN	SIZE	L	H	D	d
15	1/2	58	49	93	15
20	3/4	65	57	112	19
25	1	75.5	61	112	25
32	1-1/4	87.5	76	137	32
40	1-1/2	98.5	81	137	40
50	2	113	90	170	50
65	2-1/2	140.5	113	232	64
80	3	155	120	232	73
100	4	199	142	262	97

2.2. Brass Valve

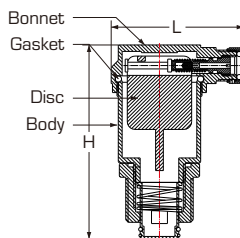
Swing Check Valve Brass



PART	MATERIAL
Body	Brass
Bonnet	Brass
Disc	Brass
Hinge Pin	Brass
Gasket	PTFE

DN	SIZE	L	H	d
15	1/2	50	34	14
20	3/4	57	37	18
25	1	72	45	24
32	1-1/4	74	47	28
40	1-1/2	82	51	33
50	2	92	59	44
65	2-1/2	108	77	58
80	3	123	85	68
100	4	143	105	84

Air Vent Valve Brass

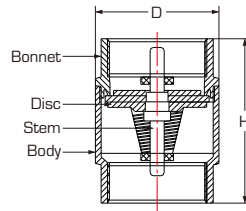


PART	MATERIAL
Body	Brass
Bonnet	Brass
Disc	Plastic
O-ring	Rubber

DN	SIZE	L	H
15	1/2	50	79
20	3/4	50	80
25	1	50	80

2.2. Brass Valve

Spring Check Valve Brass

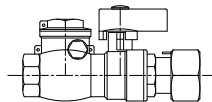
**PART**

Body
Bonnet
Disc
Stem

MATERIAL

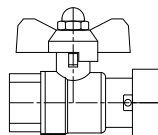
Brass
Brass
Brass
Plastic

DN	SIZE	L	H
15	1/2	33	47
20	3/4	40	56
25	1	47.5	58.5
32	1-1/4	55.5	65
40	1-1/2	66	69
50	2	79	80

Ball Swing Check Valve
Coupling WM Brass

Size
1/2

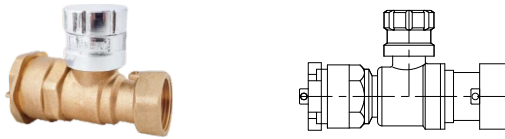
All Spring Check Valve Coupling WM Brass



Size
1/2
3/4
1

2.2. Brass Valve

Magnetic Lockable Straight Valve Compression
With Coupling Brass



Size

PE20X3/4F

PE25X3/4F

Magnetic Lockable Angle Valve Compression
With Coupling Brass



Size

PE20X3/4F

PE25X3/4F

Magnetic Lockable Straight Valve Thread
With Coupling Brass



Size

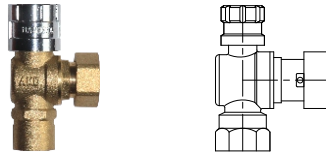
1/2FX1/2F

1/2FX3/4F

3/4FX3/4F

2.2. Brass Valve

Magnetic Lockable Angle Valve Thread
With Coupling Brass



Size	
1/2FX3/4F	
3/4FX3/4F	

Magnetic Lockable Straight Valve Thread
With Coupling Brass



Size	
1/2FX1/2F	
3/4FX3/4F	

Magnetic Lockable Straight Valve Compression
With Coupling Brass



Size	
PE20X3/4F	
PE25X3/4F	

2.2. Brass Valve

Lockable Angle Valve Compression
With Coupling Brass



Size
PE20X3/4F
PE25X3/4F

Magnetic Lockable Straight Valve Compression
With Coupling Brass



Size
1/2MX1/2F
1/2MX3/4F
3/4MX3/4F

Lockable Straight Valve Female Thread
With Coupling Brass



Size
1/2MX1/2F
1/2MX3/4F
3/4MX3/4F

Magnetic Key Brass



Size
1/2

2.2. Brass Valve

Lockable Angle Valve Compression
With Coupling Brass



Size
1/2FX3/4F
3/4FX3/4F

Plug Kran Brass



Size
1/2
3/4

Atap Kran Zink Long



Size
1/2
3/4

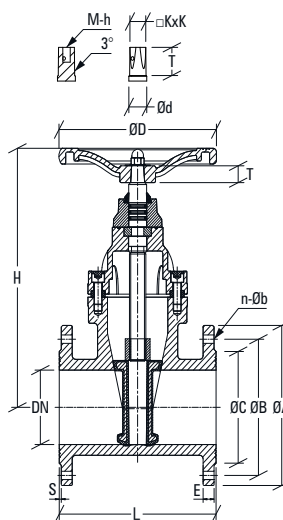
Atap Kran Zink Short



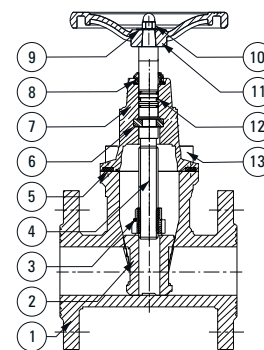
Size
1/2
3/4

2.3. Ductile Cast Iron (DCI) Valve

Gate Valve BS 5163 PN 10
DN 40 - 600



External dimension drawing



Sectional structural drawing

Note

1. Flange connection part according to EN1092-2, double drilling PN 10/16
2. Face to face length of valve according to BS5163
3. Valve test according to EN1074-2
4. All coatings and rubber parts conform to drinking Water Standards.
5. Based on WRASS Certification
6. Working condition, Maximum working pressure 16 Bar, Maximum working temperature 110 °C

No.

Name

Material

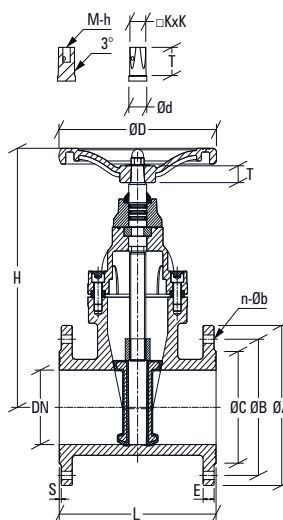
1	Body	Ductile Iron GGG 50
2	Wedge Disk	Ductile Iron Coated EPDM
3	Stem Nut	Brass
4	Stem	SS 420
5	Bonnet Gasket	NBR
6	Hold Ring	Brass
7	Bonnet	Ductile Iron GGG 50
8	Cover Sleeve	NBR
9	Plate Name	SS 304
10	Acorn Nut	SS 304
11	Hand Wheel	Ductile Iron GGG 50
12	O-Ring	EPDM
13	Screw	SS 304

PN 10

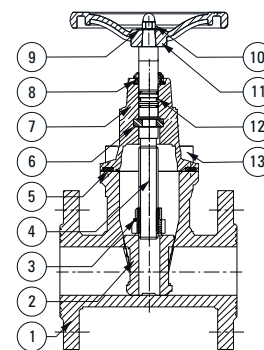
DN	L	H	ØD	Ød	K	M	h	T	ØA	ØB	ØC	E	S	n	Øb
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
40	165	220	180	18	14,3	8	20	29	150	110	84	16	3	4	19
50	178	230	180	18	14,3	8	20	29	165	125	99	16	3	4	19
60	190	245	200	18	14,3	10	20	33	185	135	118	16	3	4	19
65	190	245	200	18	14,3	10	20	33	185	145	118	16	3	4	19
80	203	270	200	20	17,3	10	20	33	200	160	132	16	3	8	19
100	229	315	220	24	19,3	10	20	38	220	180	156	16	3	8	19
125	254	365	250	24	19,3	10	20	38	250	210	184	16	3	8	19
150	267	405	280	26	19,3	10	20	38	285	240	211	16	3	8	23
200	292	500	300	28	24,3	10	20	42	340	295	266	17	3	8	23
250	330	600	350	34	27,3	12	25	47	400	350	319	19	3	12	23
300	356	670	350	36	27,3	12	25	47	455	400	370	20,5	4	12	23
350	381	780	400	38	27,3	12	25	47	505	460	429	20,5	4	16	23
400	406	840	400	38	27,3	12	25	47	565	515	480	20,5	4	16	28
500	457	1010	600	40	32,3	12	25	47	670	620	582	22,5	4	20	28
600	508	1175	600	42	32,3	12	25	47	780	725	682	25	5	20	31

2.3. Ductile Cast Iron (DCI) Valve

Gate Valve BS 5163 PN 16
DN 40 - 600



External dimension drawing



Sectional structural drawing

Note

1. Flange connection part according to EN1092-2, double drilling PN 10/16
2. Face to face length of valve according to BS5163
3. Valve test according to EN1074-2
4. All coatings and rubber parts conform to drinking Water Standards.
5. Based on WRASS Certification
6. Working condition, Maximum working pressure 16 Bar, Maximum working temperature 110 °C

No.

Name

Material

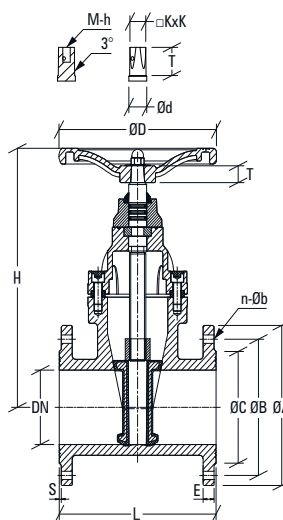
1	Body	Ductile Iron GGG 50
2	Wedge Disk	Ductile Iron Coated EPDM
3	Stem Nut	Brass
4	Stem	SS 420
5	Bonnet Gasket	NBR
6	Hold Ring	Brass
7	Bonnet	Ductile Iron GGG 50
8	Cover Sleeve	NBR
9	Plate Name	SS 304
10	Acorn Nut	SS 304
11	Hand Wheel	Ductile Iron GGG 50
12	O-Ring	EPDM
13	Screw	SS 304

PN 16

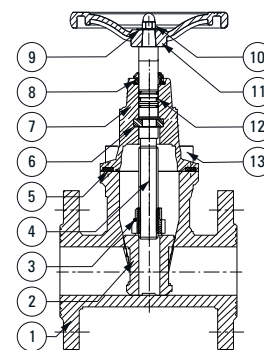
DN	L	H	ØD	Ød	K	M	h	T	ØA	ØB	ØC	E	S	n	Øb
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
40	165	220	180	18	14.3	8	20	29	150	110	84	16	3	4	19
50	178	230	180	18	14.3	8	20	29	165	125	99	16	3	4	19
60	190	245	200	18	14.3	10	20	29	185	135	118	16	3	4	19
65	190	245	200	18	14.3	10	20	29	185	145	118	16	3	4	19
80	203	270	200	20	17.3	10	20	33	200	160	132	16	3	8	19
100	229	315	220	24	19.3	10	20	38	220	180	156	16	3	8	19
125	254	365	250	24	19.3	10	20	38	250	210	184	16	3	8	19
150	267	405	280	26	19.3	10	20	38	285	240	211	16	3	8	23
200	292	500	300	28	24.3	10	20	42	340	295	266	17	3	12	23
250	330	600	350	34	27.3	12	25	47	400	355	319	19	3	12	28
300	356	670	350	36	27.3	12	25	47	455	410	370	20,5	4	12	28
350	381	780	400	38	27.3	12	25	47	520	470	429	22,5	4	16	28
400	406	840	400	38	27.3	12	25	47	580	525	480	24	4	16	31
500	457	1010	600	40	32.3	12	25	47	715	650	609	27,5	4	20	34
600	508	1175	600	42	32.3	12	25	47	840	770	720	31	5	20	37

2.3. Ductile Cast Iron (DCI) Valve

Gate Valve JIS 10K
DN 50 - 600



External dimension drawing



Sectional structural drawing

Note

1. Face to face is according to JIS B2002
2. Flange drelled is according to JIS B2239
3. Working pressure : 10 K

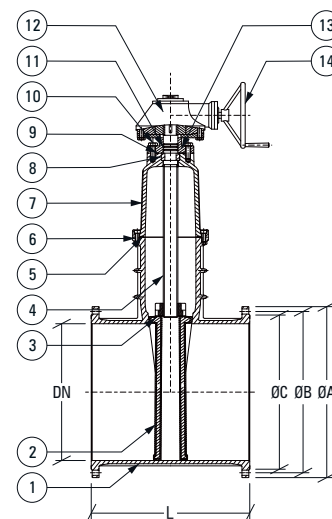
No.	Name	Material
1	Body	Ductile Iron GGG 50
2	Wedge Disk	Ductile Iron Coated EPDM
3	Stem Nut	Brass
4	Stem	SS 420
5	Bonnet Gasket	NBR
6	Hold Ring	Brass
7	Bonnet	Ductile Iron GGG 50
8	Cover Sleeve	NBR
9	Plate Name	SS 304
10	Acorn Nut	SS 304
11	Hand Wheel	Ductile Iron GGG 50
12	O-Ring	EPDM
13	Screw	SS 304

PN 16

DN	L	H	ØD	Ød	K	M	h	T	ØA	ØB	ØC	E	S	n	Øb
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
40	165	220	180	18	14.3	8	20	29	150	110	84	16	3	4	19
50	178	230	180	18	14.3	8	20	29	165	125	99	16	3	4	19
60	190	245	200	18	14.3	10	20	29	185	135	118	16	3	4	19
65	190	245	200	18	14.3	10	20	29	185	145	118	16	3	4	19
80	203	270	200	20	17.3	10	20	33	200	160	132	16	3	8	19
100	229	315	220	24	19.3	10	20	38	220	180	156	16	3	8	19
125	254	365	250	24	19.3	10	20	38	250	210	184	16	3	8	19
150	267	405	280	26	19.3	10	20	38	285	240	211	16	3	8	23
200	292	500	300	28	24.3	10	20	42	340	295	266	17	3	12	23
250	330	600	350	34	27.3	12	25	47	400	355	319	19	3	12	28
300	356	670	350	36	27.3	12	25	47	455	410	370	20,5	4	12	28
350	381	780	400	38	27.3	12	25	47	520	470	429	22,5	4	16	28
400	406	840	400	38	27.3	12	25	47	580	525	480	24	4	16	31
500	457	1010	600	40	32.3	12	25	47	715	650	609	27,5	4	20	34
600	508	1175	600	42	32.3	12	25	47	840	770	720	31	5	20	37

2.3. Ductile Cast Iron (DCI) Valve

Gate Valve BS 5163 Big Size PN 10
Dn 600 - 1200



Note

1. Face to face is according to BS 5163
2. Flange drelled is according to BS 4504 / EN 1092
3. Working pressure : 10 K

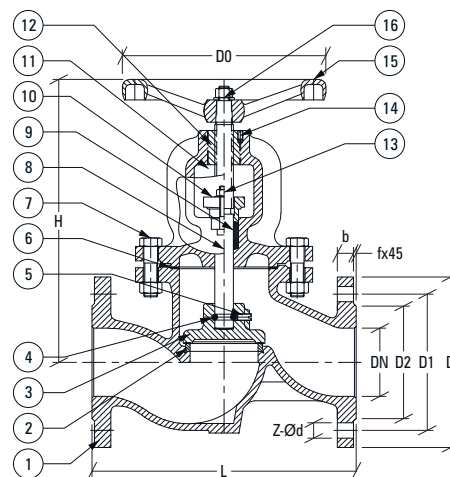
No.	Name	Material
1	Body	Ductile Iron GGG 50
2	Wedge Disk	Ductile Iron Coated EPDM
3	Stem Nut	Brass
4	Stem	SS 420
5	Bonnet Gasket	NBR
6	Hold Ring	Brass
7	Bonnet	Ductile Iron GGG 50
8	Cover Sleeve	NBR
9	Plate Name	SS 304
10	Acorn Nut	SS 304
11	Hand Wheel	Ductile Iron GGG 50
12	O-Ring	EPDM
13	Screw	SS 304

PN 10

DN	L	H	OD	PCD	B	nØd
mm	mm	mm	mm	mm	mm	mm
600	-	-	-	-	-	-
710	610	-	895	840	794	24 - Ø31
800	660	-	1015	950	901	24 - Ø34
900	711	-	1115	1050	1001	28 - Ø34
1000	811	-	1230	1160	1112	28 - Ø37
1200	1015	-	1455	1380	1328	32 - Ø40

2.3. Ductile Cast Iron (DCI) Valve

Globe Valve BS 5152
DN 15 - 250



Note

1. Face to face is according to DIN 3202-F1
3. Flange drilled is according to DIN 3352/2533
4. Shell pressure 15.0 Bar
5. Seal pressure 11.0 Bar

No. Name Material

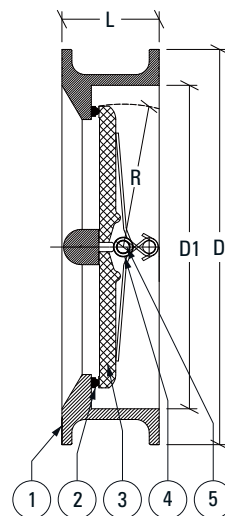
1	Body	Cast Iron
2	Stem Ring	Brass
3	Disc	Cast Iron + Brass
4	Steel Bar	Iron Wire
5	Bolt	SS
6	Gasket	Graphite
7	Bolt Nut	Carbon Steel
8	Stem	SS 420
9	Packing	Graphite
10	Gland	Cast Iron
11	Bonnet	Cast Iron
12	Stem Nut	Brass
13	Bolt Nut	Carbon Steel
14	Nolt	Carbon Steel
15	Hand Wheel	Cast Iron
16	Nut Gasket	Carbon Steel

PN 10

DN	L	D	D1	D2	b-f	Z-Ød	H	H
mm	mm	mm	mm	mm	mm	mm	mm	mm
15	130	95	95	47	14-2	4-Ø14	178	100
20	150	105	75	58	16-2	4-Ø14	168	100
25	160	115	85	68	16-2	4-Ø14	193	120
32	180	140	100	78	18-2	4-Ø18	210	120
40	200	150	110	88	18-3	4-Ø18	215	150
50	230	165	125	102	20-3	4-Ø18	238	150
65	290	185	145	122	20-3	4-Ø18	283	190
80	310	200	160	138	22-3	8-Ø18	345	230
100	350	220	180	158	24-3	8-Ø18	385	230
125	400	230	210	188	26-3	8-Ø18	440	280
150	480	285	240	212	26-3	8-Ø18	488	320
200	600	340	295	268	28-3	12-Ø23	625	360
250	730	405	355	320	30-3	12-Ø27	703	400

2.3. Ductile Cast Iron (DCI) Valve

Globe Valve BS 5152
DN 15 - 250



Note

1. Face to face is according to DIN 3202
3. Flange drilled is according to DIN 2501
4. Shell pressure 15.0 Bar
5. Seal pressure 11.0 Bar

No.

Name

Material

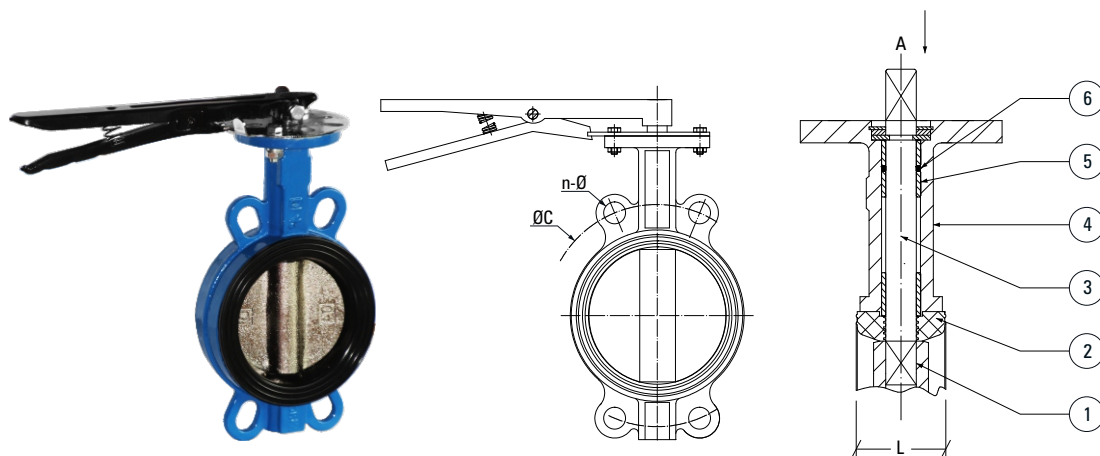
1	Body	Cast Iron / Ductile Iron
2	Seat	EPDM
3	Disc	Ductile Iron / WCB / SS
4	Spring	SS
5	Stem	Carbon Steel / SS

PN 10

DN	D	D1	L	R	T
mm	mm	mm	mm	mm	mm
50	107	65	43	28.8	19
65	127	80	46	36.1	20
80	142	94	64	43.4	28
100	162	117	64	52.8	27
125	192	145	70	65.7	30
150	218	170	76	78.6	31
200	273	224	89	104.4	33
250	328	265	114	127	50
300	378	310	114	148.3	43
350	438	360	127	172.4	45
400	489	410	140	197.4	52
450	539/555	450	152	217.8	58
500	594	505	152	241	58
600	690	624	178	295.4	73
700	800	720	229	354	98

2.3. Ductile Cast Iron (DCI) Valve

Butterfly Valve Wafer
DN 50 - 300



Note

1. Test Pressure Shell Hydrostatic : 2.4 Mpa
2. Test Pressure Seal Hydrostatic : 1.76 Mpa
3. Standard Design Code / Inspection & Test : API 609
4. End Standard : ANSI / PN10 / 16 / JIS 10K

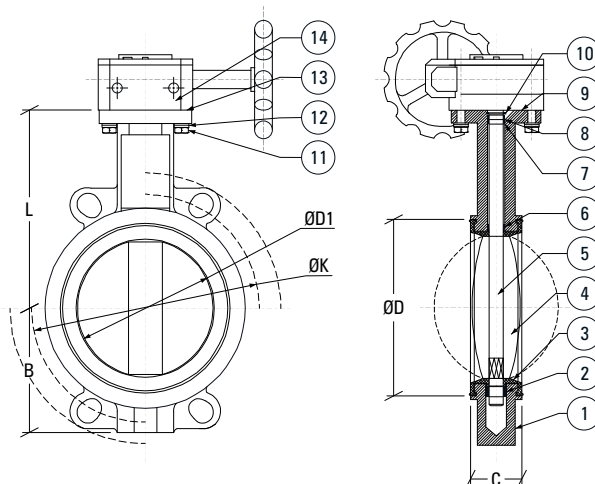
No.	Name	Material
1	Disc	Ductile Iron
2	Seat	EPDM
3	Stem	SS 416
4	Body	Ductile Iron
5	Bushing	PTFE
6	O-Ring	EPDM

No.	Name	Material
1	Disc	Ductile Iron
2	Seat	EPDM
3	Stem	SS 416
4	Body	Ductile Iron
5	Bushing	PTFE
6	O-Ring	EPDM

SIZE		DIN PN 10		DIN PN 16		ANSI B16.1		JIS 10K	
DN	L	ØC	n-Ø	ØC	n-Ø	ØC	n-Ø	ØC	n-Ø
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
50	46	125	4-Ø18	125	4-Ø18	120.5	4-Ø19	120	4-Ø19
65	49	145	4-Ø18	145	4-Ø18	139.5	4-Ø19	140	4-Ø19
80	49	160	8-Ø18	160	8-Ø18	152.5	4-Ø19	150	8-Ø19
100	55	180	8-Ø18	180	8-Ø18	190.5	8-Ø19	175	8-Ø19
125	59	210	8-Ø18	210	8-Ø18	216	8-Ø22	210	8-Ø23
150	59	240	8-Ø23	240	8-Ø23	241.5	8-Ø22	240	8-Ø23
200	64	295	8-Ø23	295	12-Ø23	298.5	8-Ø22	290	12-Ø23
250	71.5	350	12-Ø23	355	12-Ø27	362	12-Ø25	355	12-Ø25
300	81	400	12-Ø23	410	12-Ø27	432	12-Ø25	400	16-Ø25

2.3. Ductile Cast Iron (DCI) Valve

Butterfly Valve Wafer
DN 50 - 400



Note

1. Design Standard : EN 593
2. Face To Face : EN 558-1
3. Flange Drilled : EN 1092-2
4. Medium : Water
5. Working Pressure : PN 16
6. Working Temperature : -20 °C - 120 °C

No.	Name	Material
1	Body	Ductile Iron
2	Sleeve	Copper
3	Seat	EPDM
4	Disc	Ductile Iron
5	Stem	420
6	Sleeve	Copper
7	Seal	EPDM
8	Sleeve	Copper
9	Gasket	201
10	Circlip	201
11	Screw	201
12	Gasket	201
13	Gasket	201
14	Gear Box	Ductile Iron

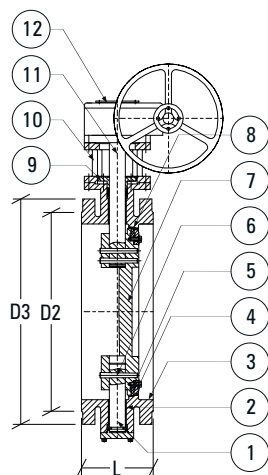
SIZE	A	B	C	ØD	ØD1	ØK
mm	mm	mm	mm	mm	mm	mm
50	130	72	43	81.8	52.6	125
65	145	75	46	94.3	64.3	145
80	156	90	46	112.5	78.8	160
100	169	108	52	137.5	104	180
125	191	125	56	163	123.5	210
150	212	140	56	192.8	155.7	240
200	246	166	60	247	202.5	295
250	283	203	68	298	250.4	350/355
300	318	236	78	352	301.5	400/410
350	327	272	78	405	333.3	460/470
400	405	304	85	454	389.6	515/525

2.3. Ductile Cast Iron (DCI) Valve

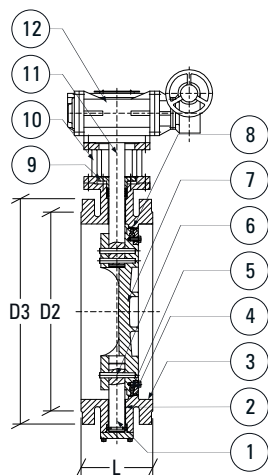
Butterfly Valve Wafer
DN 200 - 500



No.	Name	Material
1	Button Shaft	SS 416 (DN200-800) / SS 431 (DN900-2400)
2	Bushing	PTFE
3	Body	Ductile Iron
4	Retainer	CS
5	Disc Sealing	EPDM
6	Taper Pin	SS 201
7	Disc	Ductile Iron
8	Sealing Ring	SS 304
9	Stuffing Flange	Ductile Iron
10	Support	Ductile Iron
11	Top Shaft	SS 416 (DN200-800) / SS 431 (DN900-2400)
12	Gear Operator	



DN 200-250



DN 300-500

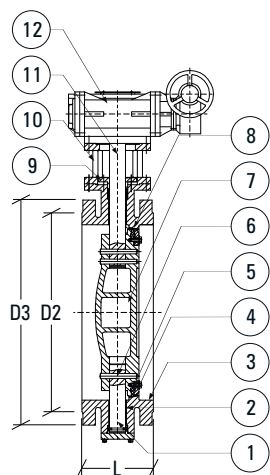
SIZE			PN 10		PN 16	
INCH	DN	L	D1	n-Ød1	D1	n-Ød1
mm	mm	mm	mm	mm	mm	mm
8	200	152	295	8-23	295	8-23
10	250	165	350	12-23	350	12-23
12	300	178	400	12-23	400	12-23
14	350	190	460	16-23	460	16-23
16	400	216	515	16-27	515	16-27
20	500	229	620	20-27	620	20-27

2.3. Ductile Cast Iron (DCI) Valve

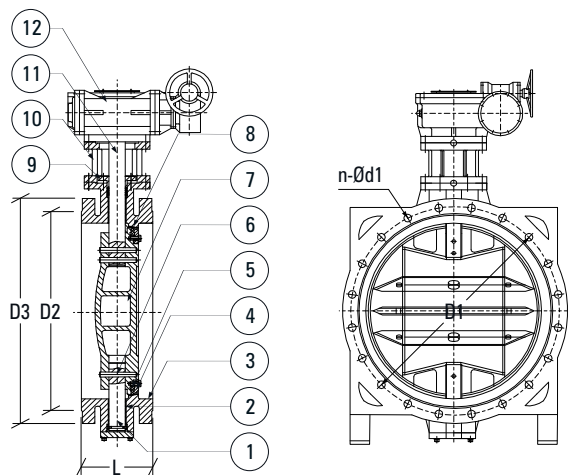
Butterfly Valve Wafer
DN 200 - 500



No.	Name	Material
1	Button Shaft	SS 416 (DN200-800) / SS 431 (DN900-2400)
2	Bushing	PTFE
3	Body	Ductile Iron
4	Retainer	CS
5	Disc Sealing	EPDM
6	Taper Pin	SS 201
7	Disc	Ductile Iron
8	Sealing Ring	SS 304
9	Stuffing Flange	Ductile Iron
10	Support	Ductile Iron
11	Top Shaft	SS 416 (DN200-800) / SS 431 (DN900-2400)
12	Gear Operator	



DN 600-1200

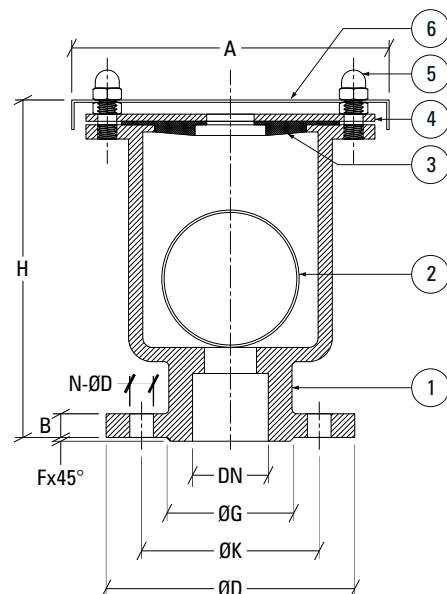


DN 1400-2400

SIZE			PN 10		PN 16	
INCH	DN	L	D1	n-Ød1	D1	n-Ød1
mm	mm	mm	mm	mm	mm	mm
24	600	267	725	20-30	725	20-30
28	700	292	840	24-30	840	24-30
32	800	318	950	24-33	950	24-33
36	900	330	1050	28-33	1050	28-33
40	1000	410	1160	28-36	1160	28-36
48	1200	470	1380	32-39	1380	32-39
56	1400	530	1590	36-42	1590	36-42
64	1600	600	1820	40-48	1820	40-48
72	1800	670	2020	44-48	2020	44-48
80	2000	760	2230	48-48	2230	48-48
88	2200	580	2440	52-56	2440	52-56
96	2400	750	2650	56-56	2650	56-56

2.3. Ductile Cast Iron (DCI) Valve

Single Air Release Valve
DN 50 - 150



Note

1. Nominal Pressure : 1.0/1.6 Mpa
2. Test Pressure Shell : 15.0 / 24.0 Bar
3. Test Pressure Seal : 11.0 / 17.6 Bar
4. Working Temperature : -20~80 °C
5. Face to face : API609.BS EN558 DIN3202

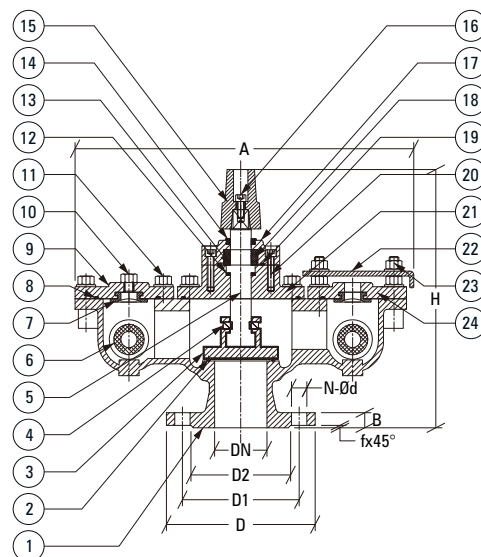
No.	Name	Material
1	Body	Ductile Iron GGG 40
2	Floating Ball	SS 304
3	Seal Ring	EPDM
4	Bonnet	Steel
5	Bolt & Nut	Steel
6	Dust Cover	Steel

No.	Name	Material
1	Body	Ductile Iron GGG 40
2	Floating Ball	SS 304
3	Seal Ring	EPDM
4	Bonnet	Steel
5	Bolt & Nut	Steel
6	Dust Cover	Steel

SIZE						PN 10			PN 16		
DN	A	B	f	H	ØD	ØK	ØG	N-ØD	ØK	ØG	N-ØD
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
50	182	19	3	231	165	125	99	4-Ø19	125	99	4-Ø19
65	182	19	3	231	185	145	118	4-Ø19	145	118	4-Ø19
80	237	19	3	289	200	160	132	8-Ø19	160	132	8-Ø19
100	237	19	3	289	220	180	154	8-Ø19	180	154	8-Ø19
125	295	19	3	350	250	210	184	8-Ø19	210	184	8-Ø19
150	295	19	3	350	285	240	210	8-Ø23	240	210	8-Ø23

2.3. Ductile Cast Iron (DCI) Valve

Double Air Release Valve
DN 50 - 150



Note

1. Nominal Pressure : 1.6 Mpa
2. Test Pressure Shell : 24.0 Bar
3. Test Pressure Seal : 17.6 Bar
4. Working Temperature : $\leq 100^{\circ}\text{C}$
5. Flange Drilled : EN 1092-2

No.

Name

Material

1	Body	GGG 50
2	Disc	GGG 50 + EPDM
3	Wedge Disc	GGG 50
4	Stem Nut	Brass
5	Stem	2Cr13
6	Floating Ball	ABS / EPDM
7	Sealing Seat	EPDM
8	O-Ring	NBR
9	Seal Cover	GGG 50
10	Vent Plut	Galvanized
11	Bolt & Washer	SS 201
12	Gasket	PTFE
13	Holding Ring	2Cr13
14	Dust Ring	EPDM
15	Cap Top	GGG 50
16	Bolt	Galvanized
17	Ferrous	GGG 50
18	Brass Nut	Brass
19	O-Ring	NBR
20	Bolt	Galvanized
21	Cover	GGG 50
22	Dust Cover	GGG 50
23	Nut	SS 201
24	Seal Cover	GGG 50

SIZE	D	D1	D2	f	N-Ød	B	H	A
mm	mm	mm	mm	mm	mm	mm	mm	mm
50	165	125	100	3	4-Ø19	19	280	375
65	185	145	120	3	4-Ø19	19	335	425
80	200	160	135	3	8-Ø19	19	345	449
100	220	180	156	3	8-Ø19	19	360	509
150	285	240	212	3	8-Ø23	19	440	555

2.3. Ductile Cast Iron (DCI) Valve

Trifunctional Air Release Valve
DN 50 - 300



Type A
Double Ball
DN 50 - 150



Type B
Triple Ball
DN 200 - 300

Note

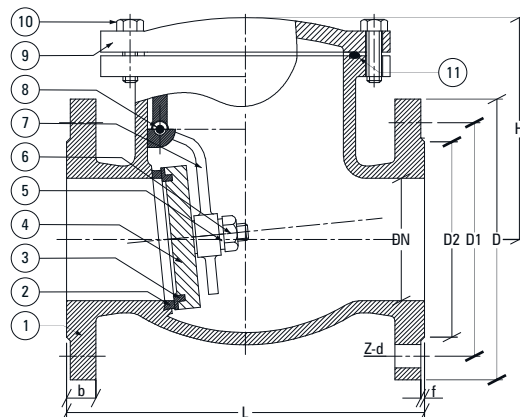
1. Nominal Pressure Class : 1.0 Mpa / 1.6 MPa
2. Test Pressure Strength : 1.5 MPa / 2.4 MPa
3. Test Pressure Seal Up : 11 MPa / 2.4 MPa
4. Working Temperature : 0 - 80 °C
5. Flange Drilled : EN 1092-2

No.	Name	Material
1	Body	Ductile Iron
2	Guide Seat Support Upper	ABS
3	Guide Seat Support Lower	ABS
4	Floating Ball	ABS
5	Guide Seat	ABS
6	Sealing Ring	EPDM
7	Seal Plate	ABS
8	Bonnet	Ductile Iron
9	Dust Cap	Ductile Iron
10	Bolt	A2-70
11	Washer	A2-70
12	Nut	A2-70
13	O-Ring	NBR
14	Exhaust Nut	CuZn39Pb1
15	O-Ring	NBR
16	Exhaust Screw Hole Seat	CuZn39Pb1
17	Cotter Pin	A2-70
18	Sealing Plug	EPDM
19	Small Floating Ball	ABS
20	Small Exhaust Side	Ductile Iron
21	Bolt	A2-70
22	Washer	A2-70

SIZE	A	B	C	L	D	K	N-Ød
mm	mm	mm	mm	mm	mm	mm	mm
40	255	165	88	125	150	110	4-Ø19
50	255	165	88	125	165	125	4-Ø19
65	255	165	88	125	185	145	4-Ø19
80	350	240	112	125	200	160	8-Ø19
100	410	268	128	125	220	180	8-Ø19
125	410	268	128	125	250	210	8-Ø19
150	470	315	158	125	285	240	8-Ø23
200	496	390	200	125	340	295	8-Ø23/12-Ø23
250	496	390	200	125	405	350/355	12-Ø23/12-Ø28
300	496	390	200	125	460	400/410	12-Ø23/12-Ø28

2.3. Ductile Cast Iron (DCI) Valve

Check Valve BS 5153 Big Size PN 10
DN 50 - 300



External dimension drawing

Note

1. Face to face is according to DIN 3202-F6
3. Flange drilled is according to EN 1092-2
4. Shell pressure 15.0 Bar
5. Seal pressure 11.0 Bar

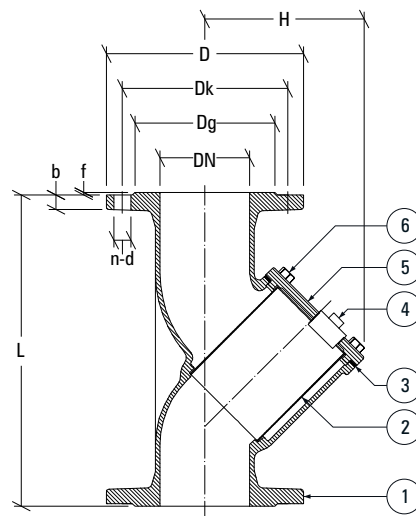
No.	Name	Material
1	Body	Ductile Iron GGG 50
2	Body Seat Ring	Brass
3	Disc Seat Ring	Brass
4	Disc	Ductile Iron GGG 50
5	Washer	SS 201
6	Locking Nut	SS 201
7	Arm	Ductile Iron GGG 50
8	Hing Pin	SS 201
9	Bonnet	Ductile Iron GGG 50
10	Bolt	SS 201
11	O-Ring	NBR

PN 10

DN	L	H	ØD	ØD1	ØD2	b	f	Z-d	H
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
50	203	120	165	125	100	19	3	4-Ø19	120
65	216	130	185	145	120	19	3	4-Ø19	130
80	241	140	200	160	135	19	3	8-Ø19	140
100	292	157	220	180	156	19	3	8-Ø19	157
125	330	170	250	210	186	19	3	8-Ø19	170
150	356	200	285	240	212	19	3	8-Ø23	200
200	495	250	340	295	268	20	3	8-Ø23	250
250	622	310	405	350	318	22	3	12-Ø23	310
300	699	345	460	400	370	24.5	3	12-Ø23	345

2.3. Ductile Cast Iron (DCI) Valve

Y Strainer PN 16
DN 15 - 300



Note

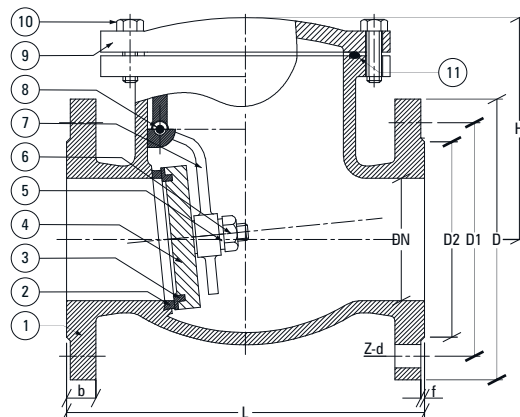
1. Face to face dimensions conforms to DIN 3202 F1
2. Flanges drilled conforms to DIN 2501
3. Suitable media : Water & Oil Gas

No.	Name	Material
1	Body	Ductile Iron GGG 40
2	Screen	SS 304
3	Gasket	O-Ring / Graphite
4	Plug	SS 304
5	Cover	Ductile Iron GGG 40
6	Bolts	Steel RRST 37-2

DN	L	Dg	Dk	D	f	b	n-d	H
mm	mm	mm	mm	mm	mm	mm	mm	mm
15	130	46	65	95	2	12	4-14	75
20	150	56	75	105	2	14	4-14	75
25	160	65	85	115	3	14	4-14	88
32	180	76	100	140	3	16	4-19	88
40	200	84	110	150	3	16	4-19	100
50	230	99	125	165	3	19	4-19	113
65	290	118	145	185	3	19	4-19	130
80	310	132	160	200	3	19	8-19	157
100	350	156	180	220	3	19	8-19	187
125	400	184	210	250	3	19	8-19	219
150	480	211	240	285	3	19	8-23	278
200	600	266	295	340	3	20	12-23	349
250	730	319	355	405	3	22	12-28	435
300	850	370	410	460	4	24.5	12-28	520

2.3. Ductile Cast Iron (DCI) Valve

Check Valve BS 5153 Big Size PN 10
DN 50 - 300



External dimension drawing

Note

1. Face to face is according to DIN 3202-F6
3. Flange drilled is according to EN 1092-2
4. Shell pressure 15.0 Bar
5. Seal pressure 11.0 Bar

No.	Name	Material
1	Body	Ductile Iron GGG 50
2	Body Seat Ring	Brass
3	Disc Seat Ring	Brass
4	Disc	Ductile Iron GGG 50
5	Washer	SS 201
6	Locking Nut	SS 201
7	Arm	Ductile Iron GGG 50
8	Hing Pin	SS 201
9	Bonnet	Ductile Iron GGG 50
10	Bolt	SS 201
11	O-Ring	NBR

PN 10

DN	L	H	ØD	ØD1	ØD2	b	f	Z-d	H
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
50	203	120	165	125	100	19	3	4-Ø19	120
65	216	130	185	145	120	19	3	4-Ø19	130
80	241	140	200	160	135	19	3	8-Ø19	140
100	292	157	220	180	156	19	3	8-Ø19	157
125	330	170	250	210	186	19	3	8-Ø19	170
150	356	200	285	240	212	19	3	8-Ø23	200
200	495	250	340	295	268	20	3	8-Ø23	250
250	622	310	405	355	318	22	3	12-Ø28	310
300	699	345	460	410	373	24.5	3	12-Ø28	345



PT. AMD PIPING SYSTEM



Office

Golden Building, Jl Raya Legok
- Karawaci No. 57-58 Klp. Dua,
Kec. Kelapa Dua, Kabupaten
Tangerang - Banten

Factory

Kawasan Industri JIPS Blok D, Jalan
Raya Semarang-Demak KM 14.7
Desa Batu, Kec. karangtengah,
Kab.Demak, Jawa Tengah



☎ 0811 1177 595

🌐 amd piping.com

Telp. (+6221) 3893 0000, 389 3333
E-mail, amd piping@gmail.com