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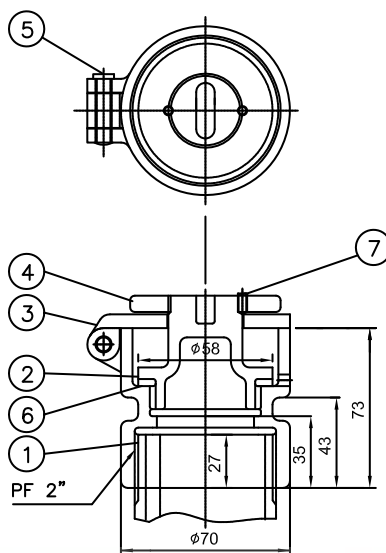


JIS MARINE VALVE JAPANESE INDUSTRIAL STANDARD

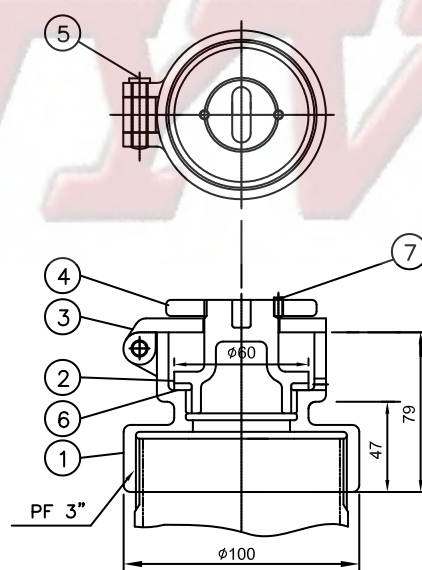


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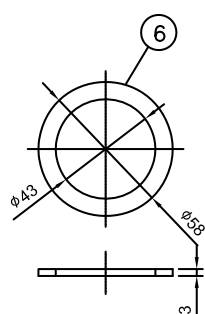
JIS F3001



< 50A >



< 80A >



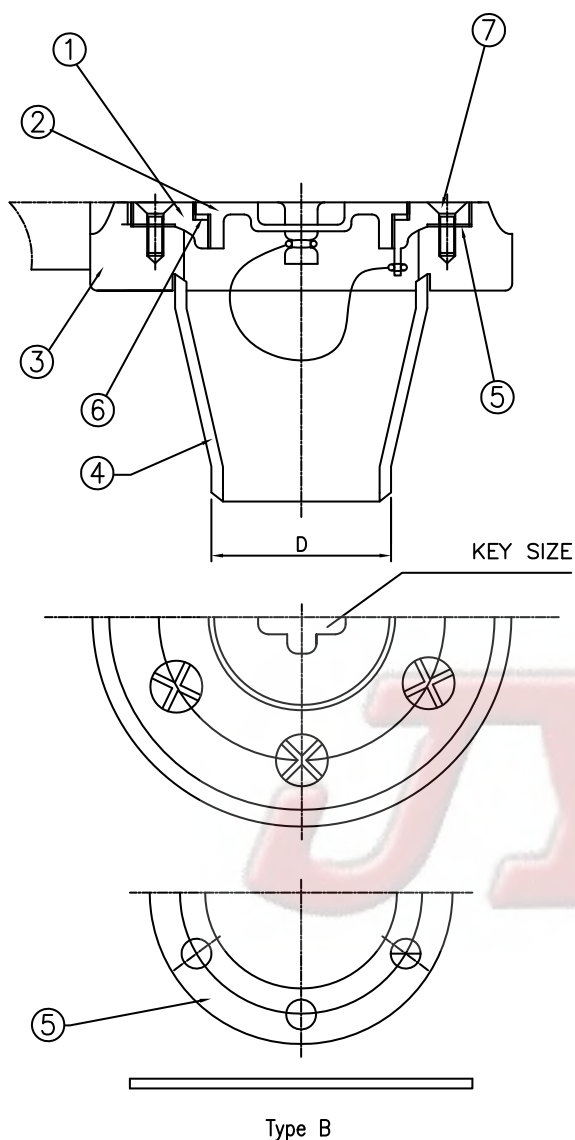
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Cast Bronze Marine valves

■ Hinge Cap For Sounding Pipes

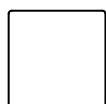
JIS F3002



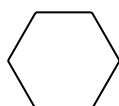
NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	COVER	BRONZE / JIS H5120 CAC406
3	WASHER	STEEL
4	REDUCER	STEEL
5	GASKET	NON ASBESTOS
6	GASKET	RUBBER
7	FLAT HEAD BOLT	BRASS

(Unit : mm)

Nominal diameter	Outside diameter of pipe	Reducer
		D
40	48.6	48.6
50	60.5	60.5
65	76.3	76.3
80	89.1	89.1



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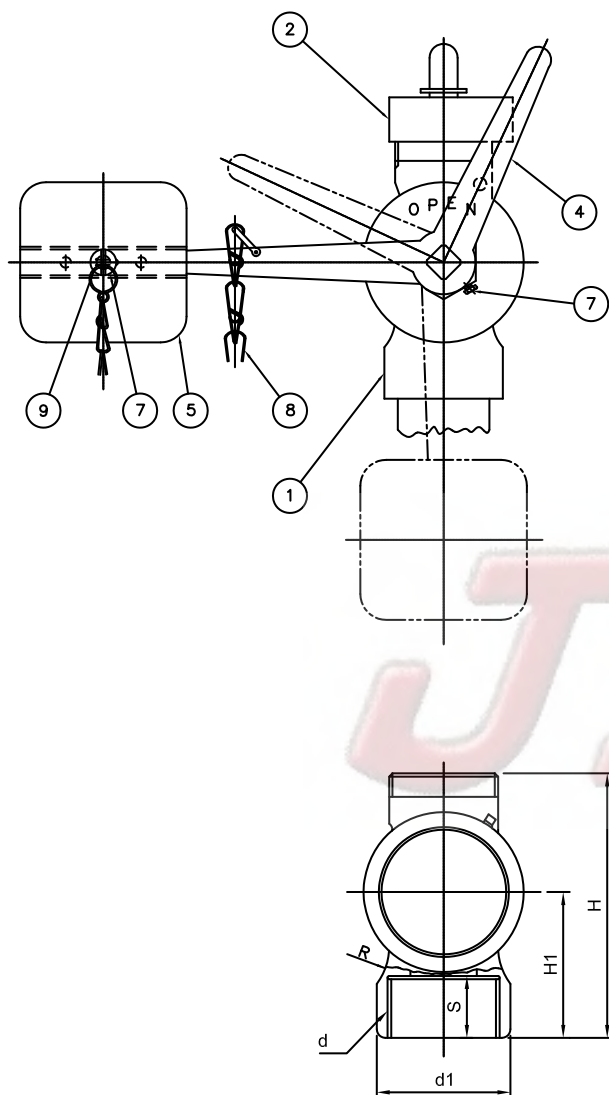
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Cast Bronze JIS Marine valves

■ Self Closing Paralle Cock Heads For Short Sounding Pipe

JIS F3018



NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	CAP	BRONZE / JIS H5120 CAC406
3	COCK PLUG KEEPER	BRONZE / JIS H5120 CAC406
4	LEVER	STEEL
5	COUNTERWEIGHT	CAST IRON
6	PIN	STEEL
7	LEVER CHECK BOLT	STEEL
8	CHAINLET	STEEL
9	SPLIT PIN	BRASS

Test Pressure (MPa)

Rating	JIS 10K
Hydrostatic press test (Body)	0.29
Hydrostatic press test (Facing)	0.20

Dimension Table (Unit : mm)

NOMINAL DIA.	BODY					
	d	d1	S	H	H1	R
40A	PF1-1/2	60	25	130	65	10
50A	PF2	70	30	135	70	14
65A	PF2-1/2	86	30	135	70	23
80A	PF3	100	35	145	80	35

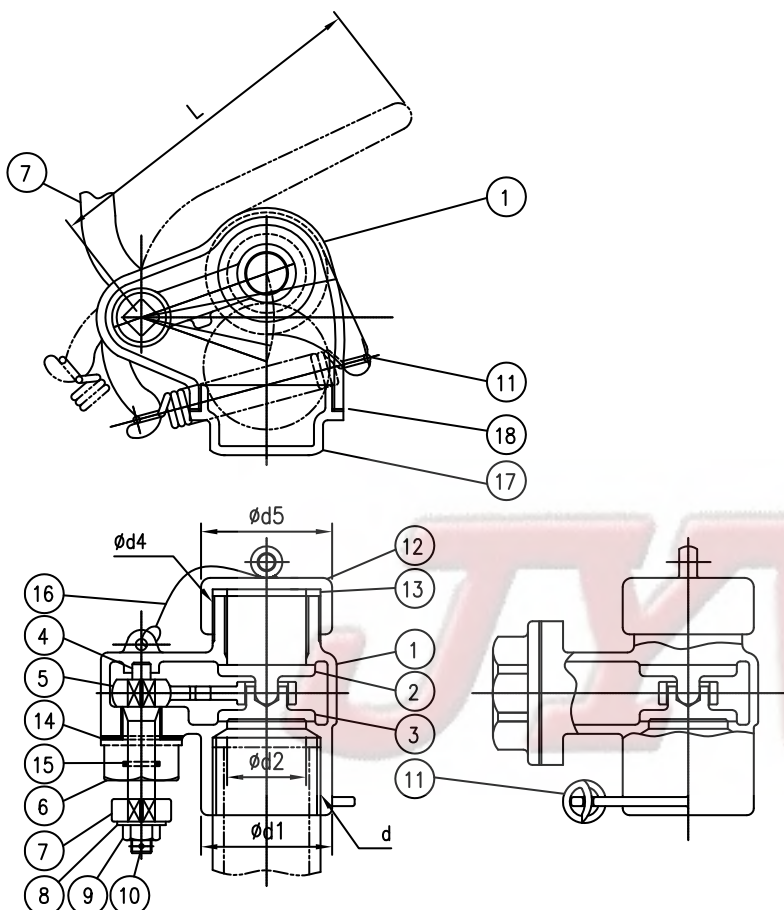
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Cast Bronze Marine valves

■ Self Closing Gate Valve Heads For Short Sounding Pipe

JIS F3019



NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	VALVE	BRONZE / JIS H5120 CAC406
3	VALVE	BRONZE / JIS H5120 CAC406
4	SPINDLE FOR HANDLE	BRASS
5	LEVER	BRONZE
6	PACKING GLAND	BRONZE
7	HANDLE	CAST IRON
8	WASHER	BRASS
9	HEXAGON NUT	BRASS
10	SPLIT PIN	BRASS
11	COIL SPRING	STEEL
12	CAP	BRONZE
13	GASKET	OIL RESISTING RUBBER
14	GASKET	OIL RESISTING RUBBER
15	PACKING	OIL RESISTING RUBBER
16	CHAIN	BRASS
17	COVER	BRONZE
18	GASKET	OIL RESISTING RUBBER

Test Pressure (MPa)

Rating	JIS 5K
Hydrostatic press test (Body)	0.29
Hydrostatic press test (Facing)	0.20

Dimension Table (Unit : mm)

SIZE	ød1	ød2	L	d4	d5	d
40A	58	35	180	PF 1-1/2	68	PF1-1/2
50A	70	50	200	PF 2	70	PF 2
65A	85	50	200	PF 2	70	PF2-1/2
80A	100	50	200	PF 2	70	PF 3

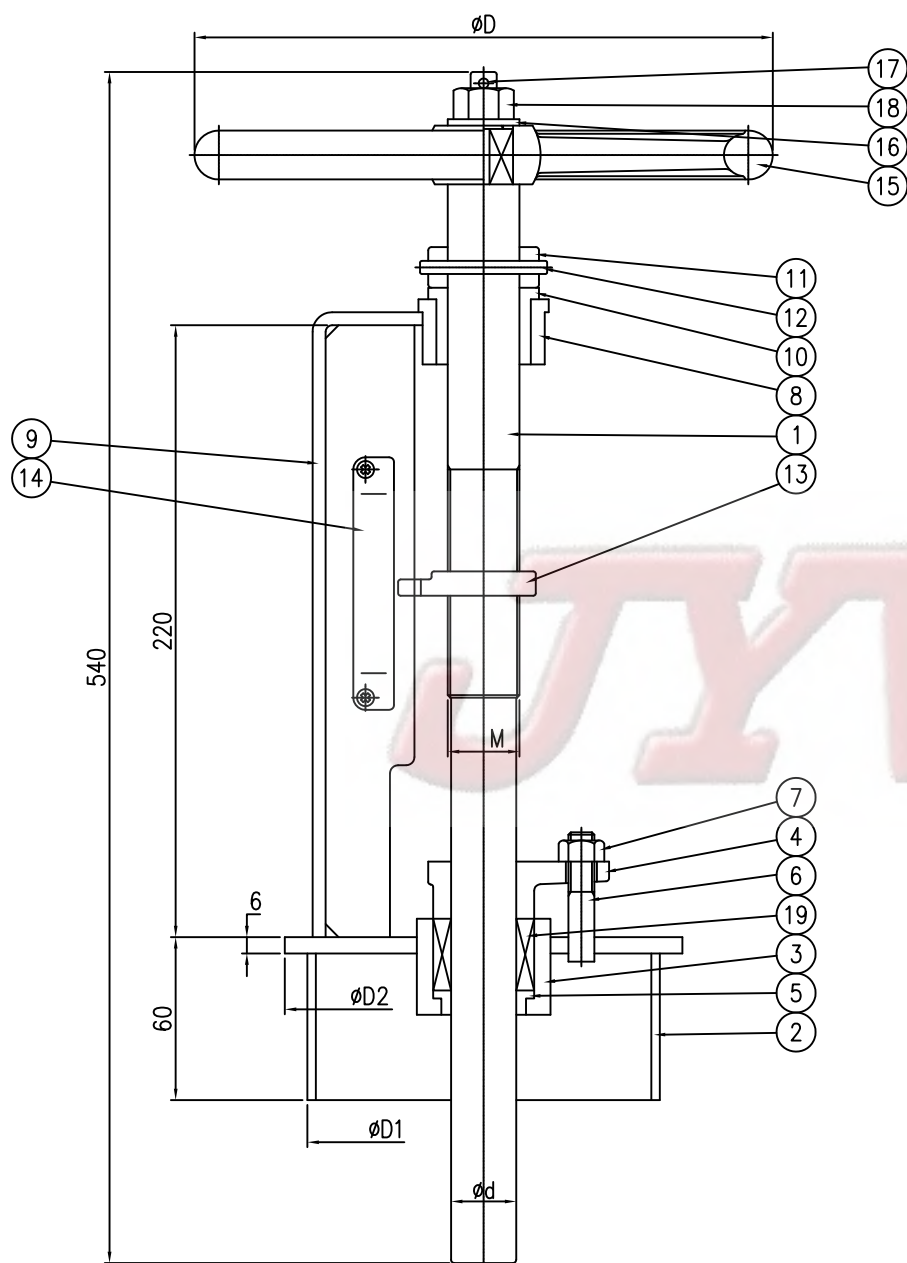
Remark : 1. The flanges shall conform to nominal pressure 5K and 10K.

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Carbon Steel JIS Marine Valves

■ JIS Ship's Deck Stand

JIS F3025



NO.	PARTS	MATERIAL
1	SHAFT	SUS304
2	STAND	STPG #40 PIPE
3	PACKING BOX	STEEL / SS400
4	PACKING GLAND	BRONZE
5	BUSH	BRASS
6	PACKING BOLT	STEEL / SS400
7	PACKING NUT	STEEL / SS400
8	GUIDE RING	STEEL / SS400
9	SUPPORT	STEEL / SS400
10	BUSH	BRASS
11	RING	BRASS
12	RING	STEEL / SS400
13	INDICATOR	BRONZE
14	INDICATOR PLATE	BRASS PLATE
15	HAND WHEEL	CAST IRON
16	WASHER	STEEL / SS400
17	SPLIT PIN	BRASS WIRE
18	HAND WHEEL NUT	STEEL / SS400
19	PACKING	NON ASBESTOS

SIZE	d	D	D1	D2	M
20	20	250	89.1	100	M25x2
25	25	250	139.8	152	M30x2
32	32	315	139.8	152	M35x2
40	40	355	216.3	230	M45X2

Remark : 1. The name plate shall be specified by purchaser as required.

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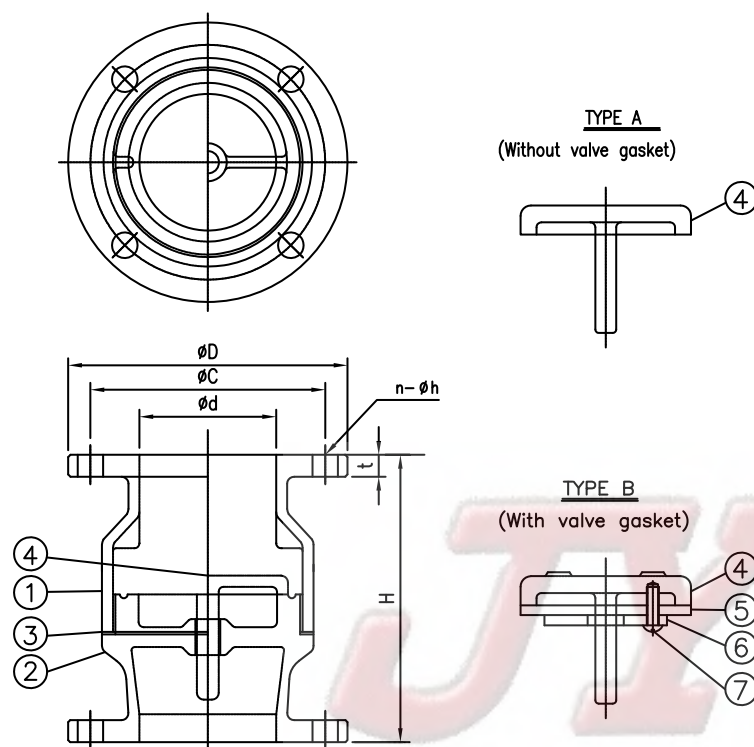
Cast Bronze JIS Marine valves

■ JIS 5K Ship's Foot valves

JIS F3056

■ JIS 10K Ship's Foot valves

Ref.to JIS F3025



NO.	PARTS	MATERIAL
1	BODY (UPPER PART)	BRONZE / JIS H5120 CAC406
2	BODY (LOWER PART)	BRONZE / JIS H5120 CAC406
3	GASKET	BRONZE
4	VALVE	BRONZE
5	VALVE GASKET	BRONZE
6	GASKET KEEP	BRONZE
7	MACHINE SCREW	BRASS

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Body)	0.2	0.2

Dimension Table (Unit : mm)

Rating	Size	ϕd	ϕD	ϕC	$N-\phi h$	t	H
JIS 5K (JIS F7301)	40A	40	120	95	4-15	12	130
	50A	50	130	105	4-15	14	142
	80A	80	180	145	4-19	14	194
Rating	Size	ϕd	ϕD	ϕC	$N-\phi h$	t	H
JIS 10K (JIS F7301)	40A	40	140	105	4-19	14	130
	50A	50	155	120	4-19	14	142
	80A	80	185	150	8-19	16	194

Remark : 1. The flanges shall conform to nominal pressure 5K and 10K.

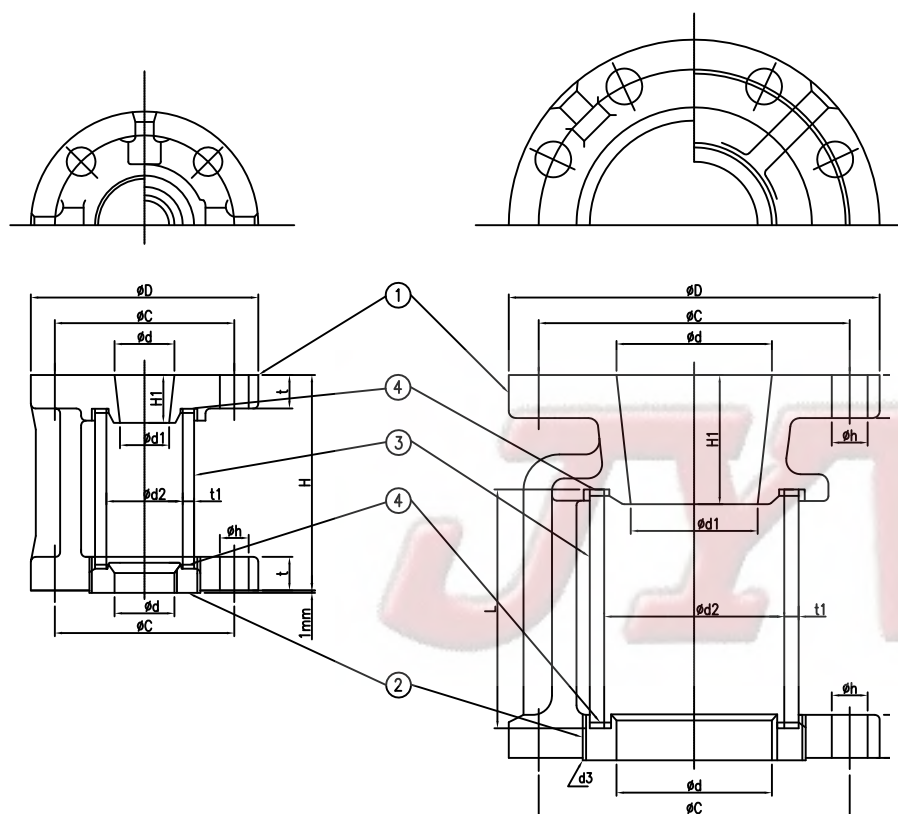
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Cast Iron JIS Marine valves

JIS 5K Ship's Cylindrical Sight Glasses

JIS F7218

NO.	PARTS	MATERIAL
1	BODY	JIS G5501 FC200
2	COVER	BRONZE / JIS H5120 CAC406
3	CYLINDRICAL CLASS	POLIMETHYL
4	GASKET	NON ASBESTOS



DIMENSION

(Unit:mm)

SIZE	d	d1	H	FLANGE JIS 5K FF				H1				Weight (kg)
				øD	øC	n-øh	t		L	d2	t1	
25A	25	20.5	90	95	75	4-12	14	20	63	36	4	2.0
32A	32	27	100	115	90	4-15	16	22	69	45	4.5	3.0
40A	40	35	100	120	95	4-15	16	22	69	52	4.5	3.1
50A	50	45	115	130	105	4-15	16	22	84	61	5	3.5
65A	65	53	160	155	130	4-15	18	54	96	83	6	6.0
80A	80	66	180	180	145	4-19	18	60	110	92	6.5	9.0
100A	100	85	210	200	165	8-19	20	65	134	110	7.5	12.0
125A	125	110	245	235	200	8-19	20	65	169	140	10	16.5
150A	150	128	310	265	230	8-19	22	65	204	168	11	23.9
200A	200	175	380	320	280	8-23	24	110	259	210	13	37.0

Test Pressure (MPa)

Rating	JIS 5K
Hydrostatic press test (Body)	0.15

Remark : 1. The flanges shall conform to nominal pressure 5K and 10K.

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Cast Bronze JIS Marine valves

■ JIS 5K Globe Valves

JIS F7301

■ JIS 16K Globe Valves

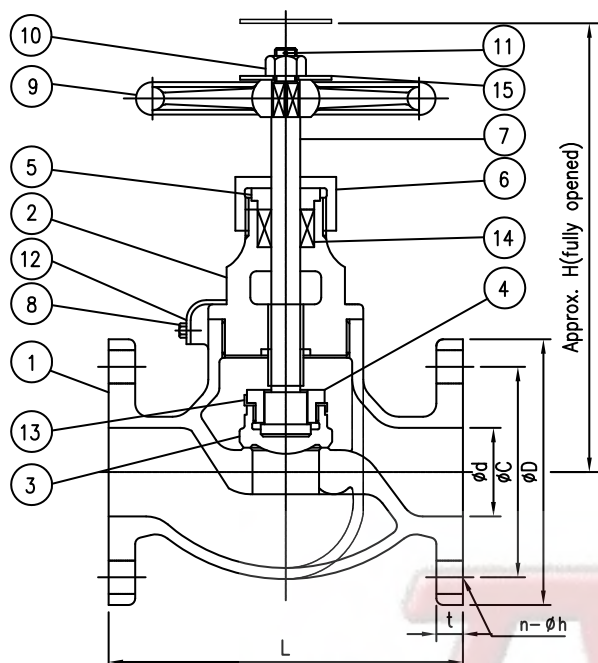
JIS F7303

■ JIS 5K Globe Screw-Down Check Valves

JIS F7351

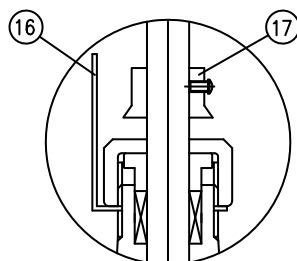
■ JIS 16K Globe Screw-Down Check Valves

JIS F7409

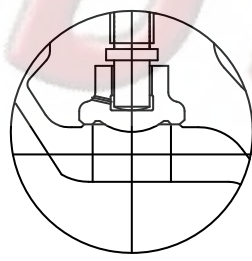


Screwed Bonnet Integral seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE OR FORGED BRASS
3	DISC	BRONZE OR BRASS
4	VALVE DISC NUT	BRASS
5	PACKING GLAND	BRASS
6	GLAND NUT	BRASS
7	STEM	BRASS
8	SET SCREW	BRASS
9	HANDWHEEL	CAST IRON
10	HEXAGON NUT	STEEL
11	SPLIT PIN	BRASS
12	LOCK PLATE	BRASS
13	DISC LOCK WASHER	BRASS
14	PACKING	NON ASBESTOS
15	WASHER	STEEL
16	INDICATOR PLATE	BRASS
17	INDICATOR PIECE	BRASS



Indicator



Screw Down Non Return
(SDNR)

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 16K
Steam up to 205°C	5	16
Air, Gas, Oil and Pulsation Water		
Non-Shock Water up to 120°C	7	22

Test Pressure (MPa)

Rating	JIS 5K	JIS 16K
Hydrostatic press test (Shell)	1.05	3.3
Hydrostatic press test (Seat)	0.77	2.42

Dimension Table

(Unit : mm)

Rating	Size	ϕd	ϕD	ϕC	$N-\phi h$	t	L	H	Weight (kg)
JIS 5K (JIS F7301)	15A	15	80	60	4-12	9	100	130	2.02
	20A	20	85	65	4-12	10	110	140	2.86
	25A	25	95	75	4-12	10	120	160	3.54
	32A	32	115	90	4-15	12	140	170	5
	40A	40	120	95	4-15	12	160	190	6.48
	50A	50	130	105	4-15	14	210	235	11.7
	65A	65	155	130	4-15	14	250	260	17
JIS 16K (JIS F7303)	15A	15	95	70	4-15	12	110	130	2.76
	20A	20	100	75	4-15	14	120	140	3.72
	25A	25	125	90	4-19	14	130	160	5.20
	32A	32	135	100	4-19	16	160	170	6.91
	40A	40	140	105	4-19	16	180	190	8.43

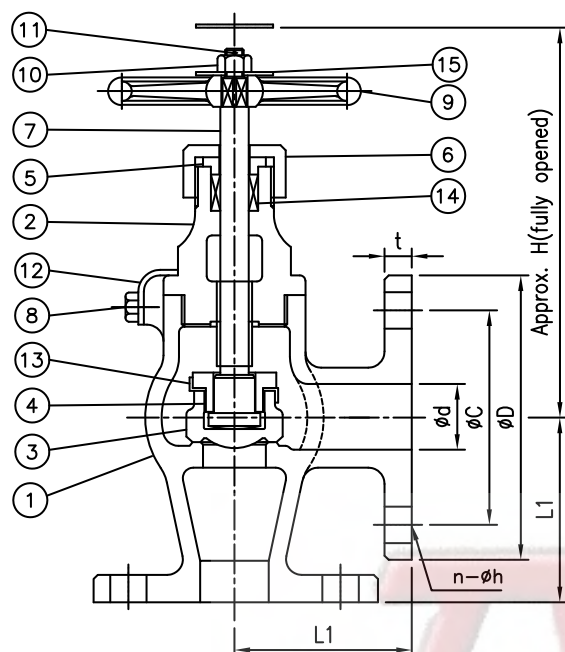
Remark : 1. The flanges shall conform to nominal pressure 5K and 16K of JIS B 2240.

2. JIS F7301 5K for nominal dia 50 and 65 shall be made Bolted Bonnet type.

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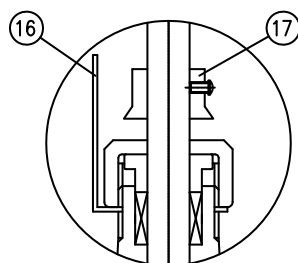
Cast Bronze JIS Marine valves

■ JIS 5K Angle Valves	JIS F7302
■ JIS 16K Angle Valves	JIS F7304
■ JIS 5K Angle Screw-Down Check Valves	JIS F7352
■ JIS 16K Angle Screw-Down Check Valves	JIS F7410

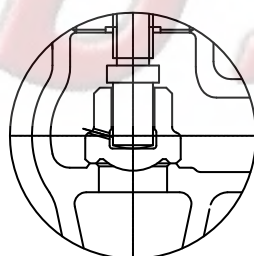


Screwed Bonnet Integral seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / FORGED BRASS
3	DISC	BRONZE OR BRASS
4	VALVE DISC NUT	BRASS
5	PACKING GLAND	BRASS
6	GLAND NUT	BRASS
7	STEM	BRASS
8	SET SCREW	BRASS
9	HANDWHEEL	CAST IRON
10	HEXAGON NUT	STEEL
11	SPLIT PIN	BRASS
12	LOCK PLATE	BRASS
13	DISC LOCK WASHER	BRASS
14	PACKING	NON ASBESTOS
15	WASHER	STEEL
16	INDICATOR PLATE	BRASS
17	INDICATOR PIECE	BRASS



Indicator



Screw Down Non Return
(SDNR)

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 16K
Steam up to 205°C	5	16
Air, Gas, Oil and Pulsation Water	5	16
Non-Shock Water up to 120°C	7	22

Test Pressure (MPa)

Rating	JIS 5K	JIS 16K
Hydrostatic press test (Shell)	1.05	3.3
Hydrostatic press test (Seat)	0.77	2.42

Dimension Table (Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L1	H	Weight (kg)
JIS 5K (JIS F7302)	15A	15	80	60	4-12	9	55	120	1.98
	20A	20	85	65	4-12	10	60	130	2.73
	25A	25	95	75	4-12	10	65	145	3.44
	32A	32	115	90	4-15	12	80	150	4.77
	40A	40	120	95	4-15	12	85	165	5.99
	50A	50	130	105	4-15	14	100	200	10.1
	65A	65	155	130	4-15	14	115	220	15.6
JIS 16K (JIS F7304)	15A	15	95	70	4-15	12	70	120	2.73
	20A	20	100	75	4-15	14	75	130	3.65
	25A	25	125	90	4-19	14	85	145	5.16
	32A	32	135	100	4-19	16	95	150	6.72
	40A	40	140	105	4-19	16	100	165	8.13

Remark : 1. The flanges shall conform to nominal pressure 5K and 16K of JIS B 2240.

2. JIS F7301 5K for nominal dia 50 and 65 shall be made Bolted Bonnet type.

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Cast Bronze JIS Marine valves

■ JIS 5K Globe Valves

Ref. to JIS F7305

■ JIS 10K Globe Valves

Ref. to JIS F7307

■ JIS 16K Globe Valves

Ref. to JIS F7309

■ JIS 5K Globe Screw-Down Check Valves

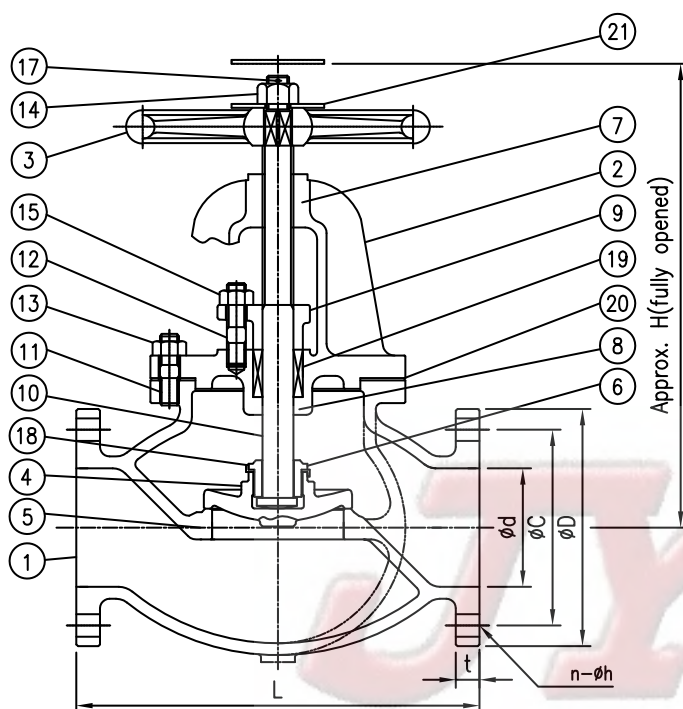
Ref. to JIS F7353

■ JIS 10K Globe Screw-Down Check Valves

Ref. to JIS F7375

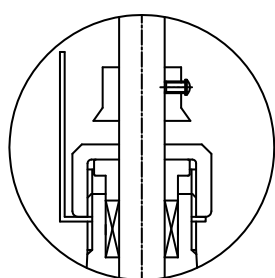
■ JIS 16K Globe Screw-Down Check Valves

Ref. to JIS F7377

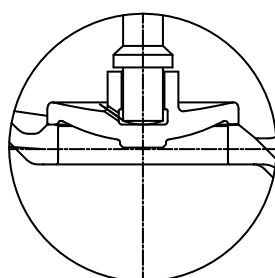


Bolted Bonnet Renewable seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	HANDWHEEL	CAST IRON
4	DISC	BRONZE / JIS H5120 CAC406
5	VALVE SEAT	INTEGRAL / BRONZE
6	DISC NUT	BRASS
7	SCREW BONNET BUSH	INTEGRAL
8	BONNET BUSH	INTEGRAL
9	PACKING GLAND	BRONZE
10	STEM	BRASS
11	STUD BOLT	STAINLESS STEEL / BRASS
12	STUD BOLT	STAINLESS STEEL / BRASS
13	HEXAGON NUT	STAINLESS STEEL
14	HEXAGON NUT	STAINLESS STEEL
15	HEXAGON NUT	STAINLESS STEEL
17	SPLIT PIN	BRASS
18	DISC LOCK WASHER	BRASS
19	PACKING	NON ASBESTOS
20	GASKET	NON ASBESTOS
21	WASHER	STEEL



Indicator



Screw Down Non Return
(SDNR)

Test Pressure (MPa)

Rating	JIS 5K		JIS 10K		JIS 16K
Size	Up to 300A	350A to 400A	Up to 200A	Over 250A	50A~200A
	Globe / Globe Screw Down check				
Hydrostatic press test (Shell)	1.05	0.9	2.1	1.5	3.3
Hydrostatic press test (Seat)	0.77	0.66	1.54	1.1	2.42

Dimension Table

(Unit : mm)

Rating	Size	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A
JIS 5K (JIS F7305) (JIS F7353)	ϕd	50	65	80	100	125	150	200	250	300	335	380
	ϕD	130	155	180	200	235	265	320	385	430	480	540
	ϕC	105	130	145	165	200	230	280	345	390	435	495
	N- ϕh	4-15	4-15	4-19	8-19	8-19	8-19	8-23	12-23	12-23	12-25	16-25
	t	14	14	14	16	16	18	20	22	22	24	24
	L	210	250	280	340	410	480	570	740	840	940	1050
	H	270	300	310	360	390	445	530	650	740	840	940
	Weight	17.64	25.56	33.25	48.96	69.12	96.36	166.8	295.2	452.4	554.4	776.4
JIS 10K (JIS F7307) (JIS F7375)	ϕd	50	65	80	100	125	150	200	250	300		
	ϕD	155	175	185	210	250	280	330	400	445		
	ϕC	120	140	150	175	210	240	290	355	400		
	N- ϕh	4-19	4-19	8-19	8-19	8-23	8-23	12-23	12-25	16-25		
	t	16	18	18	18	20	22	22	24	24		
	L	220	270	300	350	420	490	570	740	840		
	H	285	310	320	370	420	470	555	680	770		
	Weight	23.88	34.44	38.88	58.44	87.72	124.8	194.4	364.8	549.6		
JIS 16K (JIS F7309) (JIS F7377)	ϕd	50	65	80	100	125	150	200				
	ϕD	155	175	200	225	270	305	350				
	ϕC	120	140	160	185	225	260	305				
	N- ϕh	8-19	8-19	8-23	8-23	8-25	12-25	12-25				
	t	16	18	20	22	24	26	28				
	L	220	270	300	350	430	500	570				
	H	285	310	340	385	455	510	630				
	Weight	23.52	33.96	48.48	68.28	107.4	147.6	225.6				

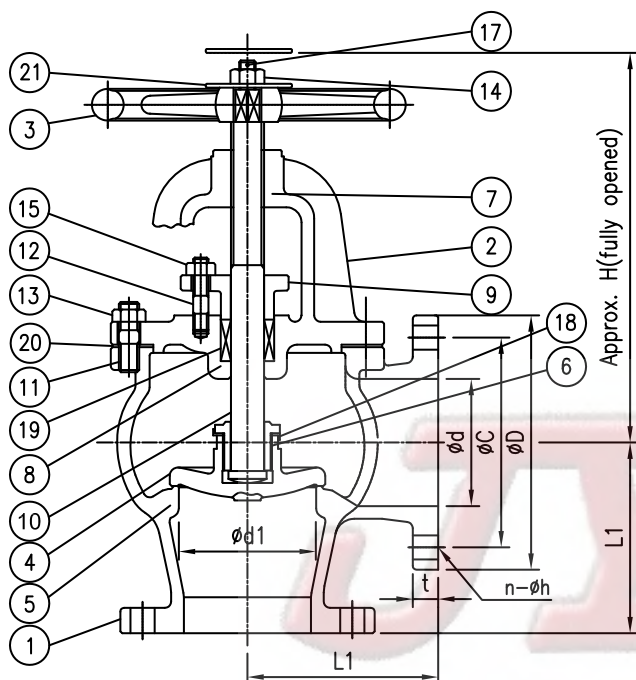
Remark : 1. The flanges shall conform to nominal pressure 5K, 10K and 16K of JIS B2210
2. The name plate shall be specified by purchaser as required.

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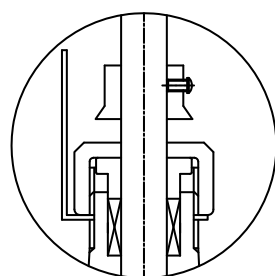
Cast Bronze Marine valves

■ JIS 5K Angle Valves	Ref. to JIS F7306
■ JIS 10K Angle Valves	Ref. to JIS F7308
■ JIS 16K Angle Valves	Ref. to JIS F7310
■ JIS 5K Angle Screw-Down Check Valves	Ref. to JIS F7354
■ JIS 10K Angle Screw-Down Check Valves	Ref. to JIS F7376
■ JIS 16K Angle Screw-Down Check Valves	Ref. to JIS F7378

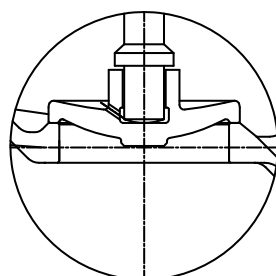
Bolted Bonnet Renewable seat
Rising Stem Flanged Ends



NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	HANDWHEEL	CAST IRON
4	DISC	BRONZE
5	VALVE SEAT	INTEGRAL / BRONZE
6	DISC NUT	BRASS
7	SCREW BONNET BUSH	INTEGRAL
8	BONNET BUSH	INTEGRAL
9	PACKING GLAND	BRASS
10	STEM	BRASS
11	STUD BOLT	STAINLESS STEEL / BRASS
12	STUD BOLT	STAINLESS STEEL / BRASS
13	HEXAGON NUT	STAINLESS STEEL
14	HEXAGON NUT	STAINLESS STEEL
15	HEXAGON NUT	STAINLESS STEEL
17	SPLIT PIN	BRASS
18	DISC LOCK WASHER	BRASS
19	PACKING	NON ASBESTOS
20	GASKET	NON ASBESTOS
21	WASHER	STEEL



Indicator



Screw Down Non Return (SDNR)

Test Pressure (MPa)

Rating	JIS 5K		JIS 10K		JIS 16K
Size	Up to 300A	350A to 400A	Up to 200A	Over 250A	50A~200A
	Globe / Globe Screw Down check				
Hydrostatic press test (Shell)	1.05	0.9	2.1	1.5	3.3
Hydrostatic press test (Seat)	0.77	0.66	1.54	1.1	2.42

Dimension Table

(Unit : mm)

Rating	Size	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A
JIS 5K (JIS F7306) (JIS F7354)	Ød	50	65	80	100	125	150	200	250	300	335	380
	ØD	130	155	180	200	235	265	320	385	430	480	540
	ØC	105	130	145	165	200	230	280	345	390	435	495
	N-Øh	4-15	4-15	4-19	8-19	8-19	8-19	8-23	12-23	12-23	12-25	16-25
	t	14	14	14	16	16	18	20	22	22	24	24
	L1	100	115	130	150	170	190	220	275	310	360	395
	H	240	255	265	310	330	380	450	540	610	690	770
	Weight	15.48	21.84	28.08	40.44	55.44	76.08	126	199.2	291.6	392.4	550.8
JIS 10K (JIS F7308) (JIS F7376)	Ød	50	65	80	100	125	150	200	250	300	335	380
	ØD	155	175	185	210	250	280	330	400	445	490	560
	ØC	120	140	150	175	210	240	290	355	400	445	510
	N-Øh	4-19	4-19	8-19	8-19	8-23	8-23	12-23	12-25	16-25	16-25	16-27
	t	16	18	18	18	20	22	22	24	24	26	28
	L1	120	130	140	160	180	205	230	290	320	360	420
	H	255	270	275	315	360	405	475	570	645	710	790
	Weight	21.84	30.48	32.88	48.72	83.88	97.2	150	253.2	351.6	463.2	652.8
JIS 16K (JIS F7310) (JIS F7378)	Ød	50	65	80	100	125	150	200				
	ØD	155	175	200	225	270	305	350				
	ØC	120	140	160	185	225	260	305				
	N-Øh	8-19	8-19	8-23	8-23	8-25	12-25	12-25				
	t	16	18	20	22	24	26	28				
	L1	120	130	150	170	200	225	250				
	H	255	270	295	330	390	435	540				
	Weight	21.6	30	42.84	59.04	91.32	123.6	186				

Remark : 1. The flanges shall conform to nominal pressure 5K, 10K and 16K of JIS B2210
2. The name plate shall be specified by purchaser as required.

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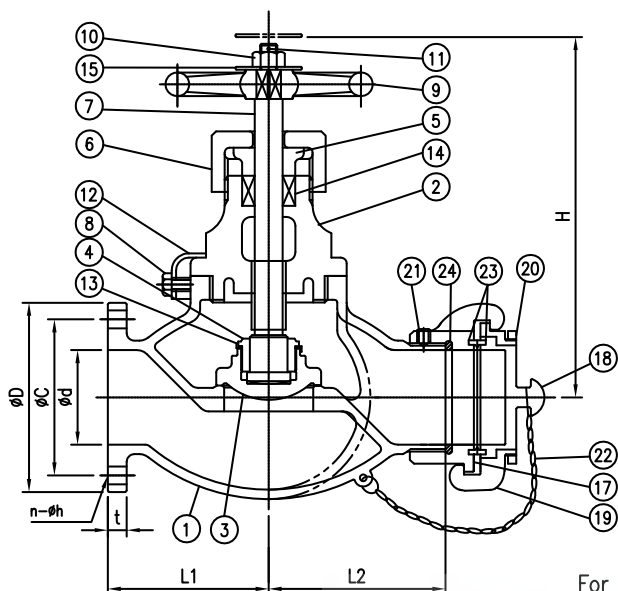
Cast Bronze JIS Marine valves

■ JIS 5K/10K Hose Globe Valves

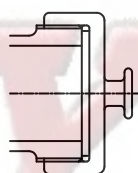
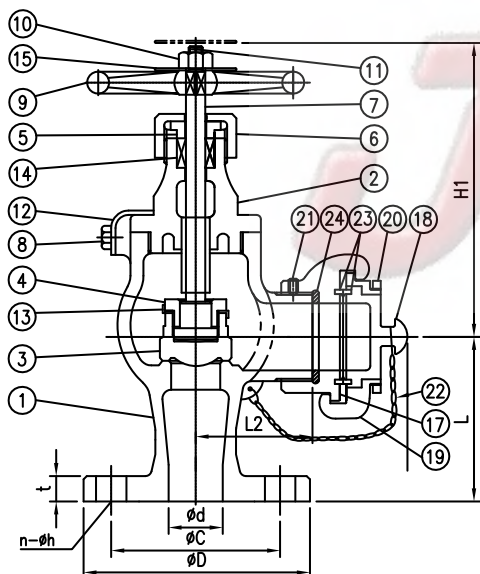
JIS F7334

■ JIS 5K/10K Hose Angle Valves

JIS F7334

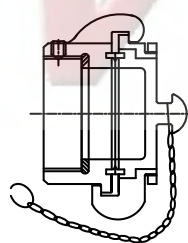


For nominal dia. up to 25A

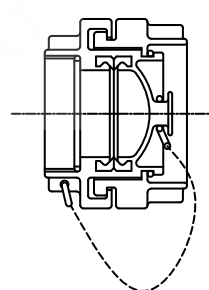


Screwed Bonnet Integral seat

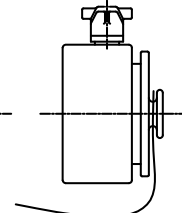
NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / FORGED BRASS
3	DISC	BRONZE OR BRASS
4	DISC NUT	BRONZE / BRASS
5	PACKING GLAND	BRONZE / BRASS
6	GLAND NUT	BRONZE / BRASS
7	STEM	BRASS
8	MACHINE SCREW	BRASS
9	HANDWHEEL	CAST IRON
10	HEXAGON NUT	STEEL
11	SPLIT PIN	BRASS
12	BONNET LOCK PLATE	BRASS
13	DISC LOCK WASHER	BRASS
14	PACKING	NON ASBESTOS
15	WASHER	STEEL
17	BASE CONNECTION	BRONZE
18	CAP	BRONZE
19	COUPLING RING	BRONZE
20	SET RING	BRONZE
21	SET SCREW	STEEL
22	CHAIN	STAINLESS WIRE
23	GASKET	RUBBER
24	GASKET	NON ASBESTOS



(NAKAJIMA COUPLING)
40A to 65A



(STORZ COUPLING)
40A & 65A



(AB COUPLING)
ONLY 65A

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 10K
Steam up to 205°C	0.5(15A)	1.0(15A)
Air, Gas, Oil and Pulsation Water	0.5	1.0
Non-Shock Water up to 120°C	0.7	1.4

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	1.05	2.1
Hydrostatic press test (Seat)	0.77	1.54

Dimension Table

(Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L1	L	H	H1	Weight (kg)	Weight (kg)
JIS 5K (JIS F7334)	15A	15	80	60	4-12	9	73	55	130	120	2.51	2.41
	20A	20	85	65	4-12	10	78	65	160	145	3.55	3.44
	25A	25	95	75	4-12	10	78	65	160	145	3.55	3.44
	32A	32	115	90	4-15	12	128.5	85	190	165	6.26	5.91
	40A	40	120	95	4-15	12	128.5	85	190	165	6.26	5.91
JIS 10K (JIS F7334)	15A	15	95	70	4-15	12	73	70	130	120	2.76	2.72
	20A	20	100	75	4-15	14	83	85	160	145	4.15	4.04
	25A	25	125	90	4-19	14	83	85	160	145	4.15	4.04
	32A	32	135	100	4-19	16	140	100	190	165	8.43	8.19
	40A	40	140	105	4-19	16	140	100	190	165	8.43	8.19

Remark : 1. The flanges shall conform to JIS B 2240.

It's prohibited to copy or transcribe arbitrarily.

Cast Bronze JIS Marine valves

■ JIS 5K/10K Hose Globe Valves

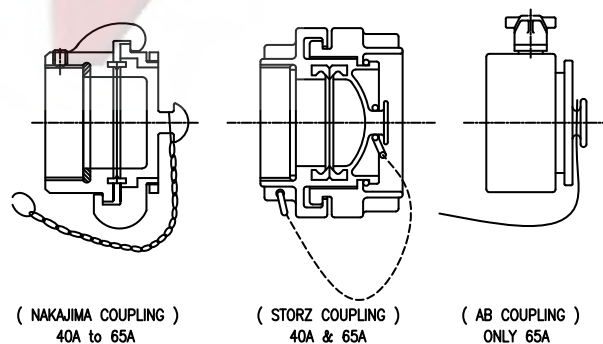
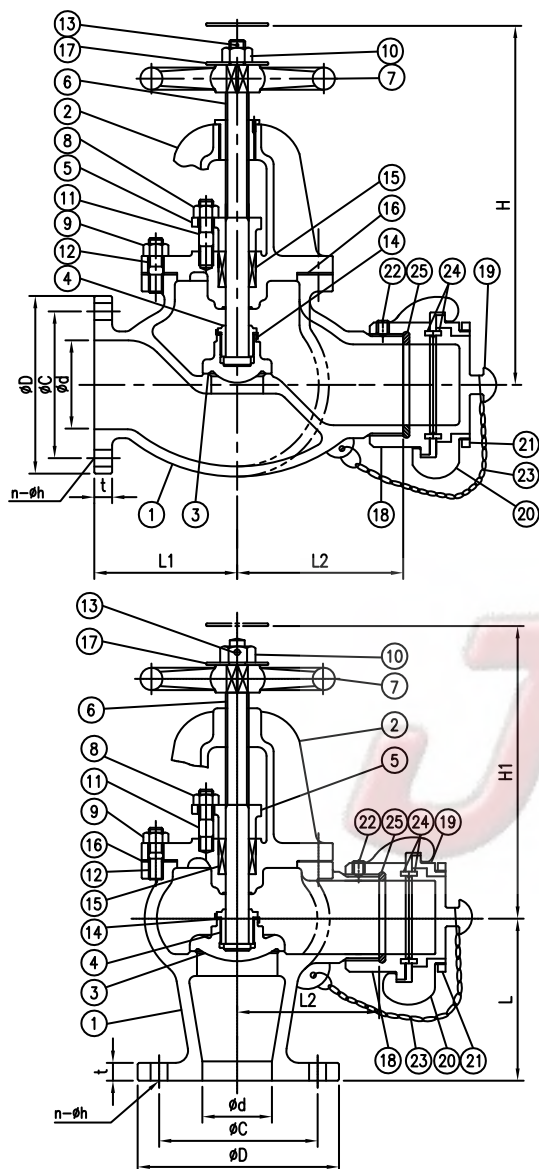
JIS F7334

■ JIS 5K/10K Hose Angle Valves

JIS F7334

Bolted Bonnet Integral seat

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE OR BRASS
4	DISC NUT	BRONZE / BRASS
5	PACKING GLAND	BRONZE / BRASS
6	STEM	BRASS
7	HANDWHEEL	CAST IRON
8	HEXAGON NUT	STAINLESS STEEL
9	HEXAGON NUT	STAINLESS STEEL
10	HEXAGON NUT	STEEL
11	STUD BOLT	BRASS
12	STUD BOLT	BRASS
13	SPLIT PIN	BRASS
14	DISC LOCK WASHER	BRASS
15	PACKING	NON ASBESTOS
16	GASKET	NON ASBESTOS
17	WASHER	STEEL
18	BASE CONNECTION	BRONZE
19	CAP	BRONZE
20	COUPLING RING	BRONZE
21	SET RING	BRONZE
22	SET SCREW	BRASS
23	CHAIN	STAINLESS WIRE
24	GASKET	RUBBER
25	GASKET	NON ASBESTOS



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	JIS 5K	JIS 10K
Steam up to 205°C	—	—	—
Air, Gas, Oil and Pulsation Water	0.5	1.0	1.0
Non-Shock Water up to 120°C	0.7	1.4	1.4

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	1.05	2.1
Hydrostatic press test (Seat)	0.77	1.54

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L1	L	H	H1	Weight (kg)	Weight (kg)
JIS 5K (JIS F7334)	50A	50	130	105	4-15	14	105	100	255	225	12.9	11.0
	65A	65	155	130	4-15	18	135	130	295	255	27.8	23.0
JIS 10K (JIS F7334)	50A	50	155	120	4-19	16	110	120	270	240	15.4	14.3
	65A	65	175	140	4-19	18	135	130	295	255	27.8	23.0

Remark : 1. The flanges shall conform to nominal pressure 5K and 10K of JIS B 2210.

It's prohibited to copy or transcribe arbitrarily.



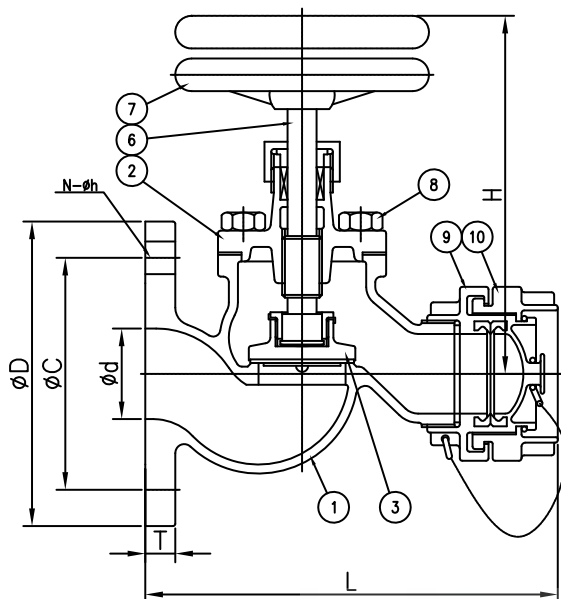
Cast Bronze Marine valves

■ JIS 5K/10K Hose Globe Valves

JYV HOSE-01

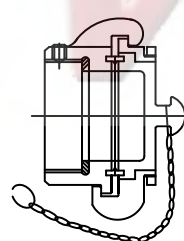
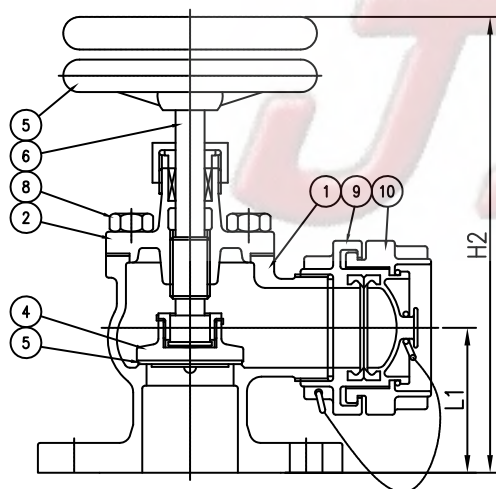
■ JIS 5K/10K Hose Angle Valves

JYV HOSE-02

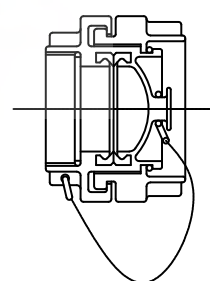


Bolted Bonnet Integral seat

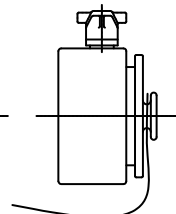
NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE OR BRASS
4	DISC NUT	BRASS
5	SEAT	INTERGRAL OR TEFLON
6	STEM	BRASS
7	HANDWHEEL	CAST IRON
8	HEXAGON NUT	STAINLESS STEEL
9	COUPLING	BRONZE OR BRASS
10	COUPLING	BRONZE OR BRASS



(NAKAJIMA COUPLING)
40A to 65A



(STORZ COUPLING)
40A to 65A



(AB COUPLING)
ONLY 65A

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 10K
Steam up to 205°C	—	—
Air, Gas, Oil and Pulsation Water	0.5	1.0
Non-Shock Water up to 120°C	0.7	1.4

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	1.05	2.1
Hydrostatic press test (Seat)	0.77	1.54

Dimension Table

(Unit : mm)

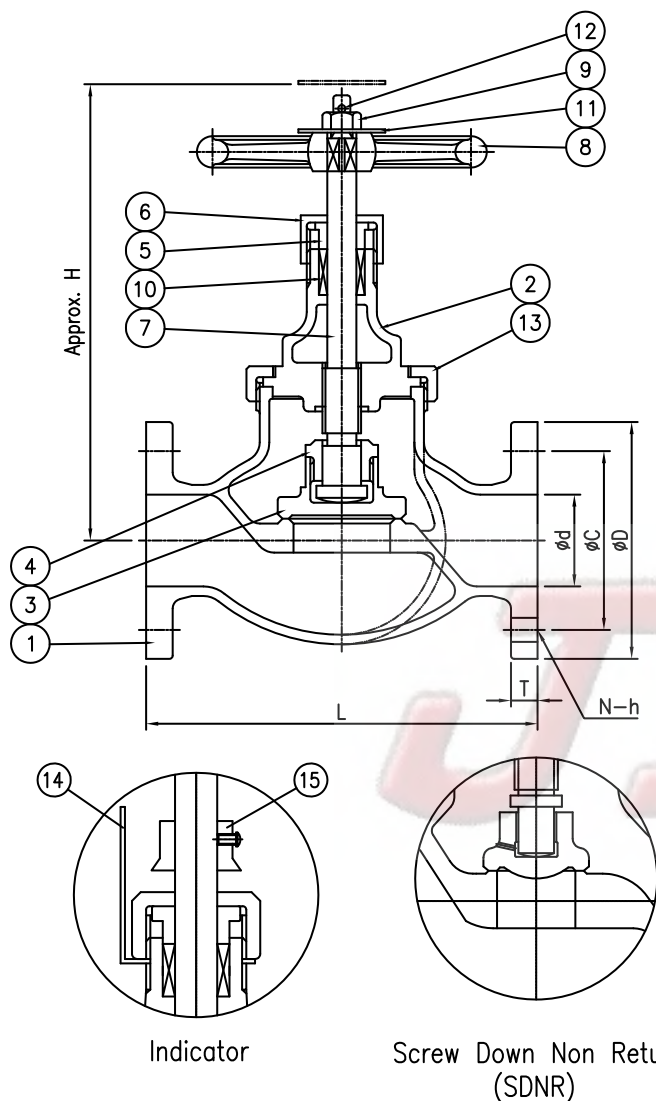
Rating	Size	Ød	ØD	ØC	N-Øh	t	L1	L	H	H2	Weight (kg)	Weight (kg)
JIS 5K	50A	50	130	105	4-15	14	75	222	175	235	9	8.5
	65A	65	155	130	4-15	14	90	260	205	265	16	15
JIS 10K	50A	50	155	120	4-19	16	75	222	175	235	9	8.5
	65A	65	175	140	4-19	18	90	260	205	265	16	15

Remark : 1. The flanges shall conform to nominal pressure 5K and 10K of JIS B 2210.

It's prohibited to copy or transcribe arbitrarily.

Cast Bronze JIS Marine valves

■ JIS 5K Globe Valves (Union Bonnet Type)	JIS F7346
■ JIS 16K Globe Valves (Union Bonnet Type)	JIS F7348
■ JIS 5K Globe Screw-Down Check Valves (Union Bonnet Type)	JIS F7411
■ JIS 16K Globe Screw-Down Check Valves (Union Bonnet Type)	JIS F7413



Union Bonnet Integral seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE OR BRASS
4	DISC NUT	BRASS
5	PACKING GLAND	BRASS
6	GLAND NUT	BRASS
7	STEM	BRASS
8	HANDWHEEL	CAST IRON
9	HANDLE NUT	STEEL
10	PACKING	NON ASBESTOS
11	WASHER	STEEL
12	SPLIT PIN	BRASS
13	BONNET NUT	BRONZE / JIS H5120 CAC406
14	INDICATOR PLATE	BRASS
15	INDICATOR PIECE	BRASS

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 16K
Steam up to 205°C	0.5	1.6
Air, Gas, Oil and Pulsation Water	0.5	1.6
Non-Shock Water up to 120°C	0.7	2.2

Test Pressure (MPa)

Rating	JIS 5K	JIS 16K
Hydrostatic press test (Shell)	1.05	3.3
Hydrostatic press test (Seat)	0.77	2.42

Dimension Table (Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L	H	Weight (kg)
JIS 5K (JIS F7346)	15A	15	80	60	4-12	9	100	130	2.21
	20A	20	85	65	4-12	10	110	140	3.04
	25A	25	95	75	4-12	10	120	160	3.97
	32A	32	115	90	4-15	12	140	170	5.23
	40A	40	120	95	4-15	12	160	190	6.94
JIS 16K (JIS F7348)	15A	15	95	70	4-15	12	110	130	2.96
	20A	20	100	75	4-15	14	120	140	3.92
	25A	25	125	90	4-19	14	130	160	5.65
	32A	32	135	100	4-19	16	160	170	7.24
	40A	40	140	105	4-19	16	180	190	9.12

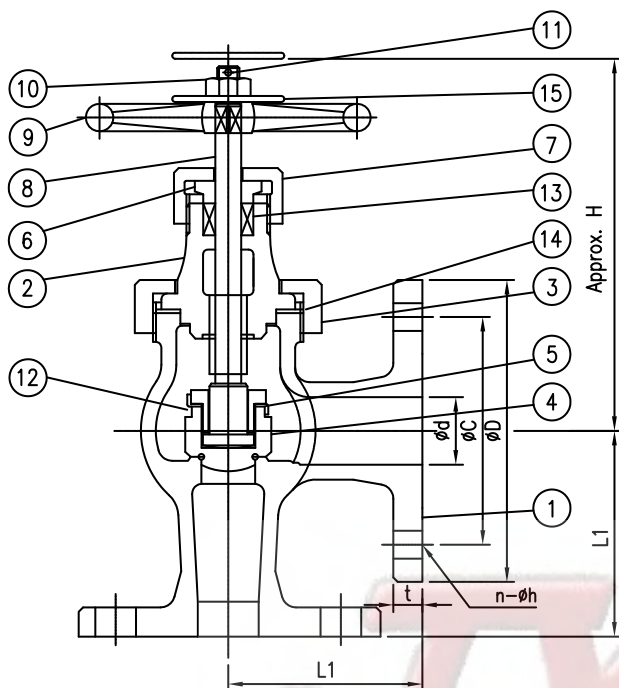
Remark : 1. The flanges shall conform to nominal pressure 5K and 16K of JIS B 2240.
2. JIS F7301 5K for nominal dia 50 and 65 shall be made Bolted Bonnet type.

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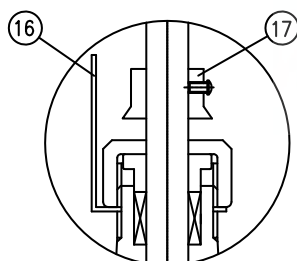
Cast Bronze JIS Marine valves

■ JIS 5K Angle Valves (Union Bonnet Type)	JIS F7347
■ JIS 16K Angle Valves (Union Bonnet Type)	JIS F7349
■ JIS 5K Angle Screw-Down Check Valves (Union Bonnet Type)	JIS F7412
■ JIS 16K Angle Screw-Down Check Valves (Union Bonnet Type)	JIS F7414

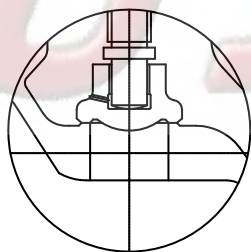


Union Bonnet Integral seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	BONNET NUT	BRONZE / JIS H5120 CAC406
4	DISC	BRONZE / BRASS
5	DISC NUT	BRASS
6	PACKING GLAND	BRASS
7	GLAND NUT	BRASS
8	STEM	BRASS
9	HANDWHEEL	CAST IRON
10	HEXAGON NUT	STEEL
11	SPLIT PIN	BRASS
12	DISC LOCK WASHER	BRASS
13	PACKING	NON ASBESTOS
14	GASKET	NON ASBESTOS
15	WASHER	STEEL
16	INDICATOR PLATE	BRASS
17	INDICATOR PIECE	BRASS



Indicator



Screw Down Non Return
(SDNR)

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	JIS 5K	JIS 16K
Steam up to 205°C	0.5	0.5	1.6
Air, Gas, Oil and Pulsation Water			
Non-Shock Water up to 120°C	0.7	0.7	2.2

Test Pressure (MPa)

Rating	JIS 5K	JIS 16K
Hydrostatic press test (Shell)	1.05	3.3
Hydrostatic press test (Seat)	0.77	2.42

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L1	H	Weight (kg)
JIS 5K (JIS F7347)	15A	15	80	60	4-12	9	55	120	2.15
	20A	20	85	65	4-12	10	60	130	2.94
	25A	25	95	75	4-12	10	65	145	3.82
	32A	32	115	90	4-15	12	80	150	4.99
	40A	40	120	95	4-15	12	85	165	6.4
JIS 16K (JIS F7349)	15A	15	95	70	4-15	12	70	120	2.94
	20A	20	100	75	4-15	14	75	130	3.88
	25A	25	125	90	4-19	14	85	145	5.53
	32A	32	135	100	4-19	16	95	150	6.98
	40A	40	140	105	4-19	16	100	165	8.57

Remark : 1. The flanges shall conform to nominal pressure 5K and 16K of JIS B 2240.

2. JIS F7301 5K for nominal dia 50 and 65 shall be made Bolted Bonnet type.

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Cast Bronze JIS Marine valves

■ JIS 5K Gate Valves

Ref. to JIS F7363

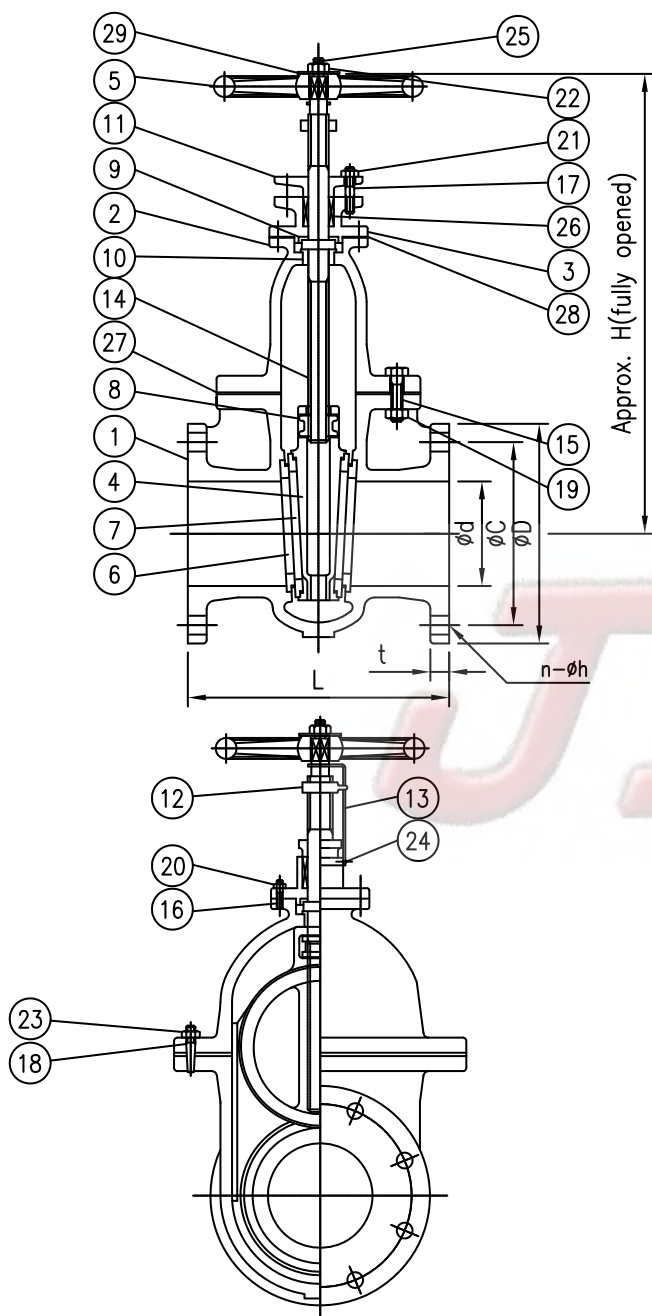
■ JIS 10K Gate Valves

Ref. to JIS F7364

■ JIS 16K Gate Valves

Ref. to JIS F7369

Bolted Bonnet Renewable seat
Non Rising Stem Flanged Ends



NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	STUFFING BOX	BRONZE / JIS H5120 CAC406
4	DISC	BRONZE / JIS H5120 CAC406
5	HANDWHEEL	CAST IRON
8	SCREWED PIECE	STAINLESS STEEL
9	GUIDE BUSH	BRASS
10	GUIDE BUSH	BRASS
11	PACKING GLAND	BRONZE
12	INDICATOR	BRASS
13	INDICATOR PLATE	BRASS
14	STEM	BRASS
15	STUD BOLT	STAINLESS STEEL
16	STUD BOLT	STAINLESS STEEL
17	STUD BOLT	STAINLESS STEEL
18	TAPER PIN WITH THREAD	STAINLESS STEEL
19	HEXAGON NUT	STAINLESS STEEL
20	HEXAGON NUT	STAINLESS STEEL
21	HEXAGON NUT	STAINLESS STEEL
22	HEXAGON NUT	STAINLESS STEEL
23	HEXAGON NUT	STAINLESS STEEL
24	MACHINE SCREW	STAINLESS STEEL
25	SPLIT PIN	BRASS
26	PACKING	NON ASBESTOS
27	GASKET	NON ASBESTOS
28	GASKET	NON ASBESTOS
29	WASHER	STEEL

Dimension Table (Unit : mm)

Rating	Size	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A
JIS 5K (JIS F7363)	ød	50	65	80	100	125	150	200	250	300	335	380
	øD	130	155	180	200	235	265	320	385	430	480	540
	øC	105	130	145	165	200	230	280	345	390	435	495
	N-øh	4-15	4-15	4-19	8-19	8-19	8-19	8-23	12-23	12-23	12-25	16-25
	t	14	14	14	16	16	18	20	22	22	24	24
	L	180	190	200	230	250	270	290	330	370	410	470
	H	285	330	380	430	495	560	680	800	920	1000	1100
	Weight	16.2	23.52	29.05	42.36	57.72	78.36	123.6	196.8	283.2	368.4	486
JIS 10K (JIS F7364)	ød	50	65	80	100	125	150	200	250	300	335	380
	øD	155	175	185	210	250	280	330	400	445	490	560
	øC	120	140	150	175	210	240	290	355	400	445	510
	N-øh	4-19	4-19	8-19	8-19	8-23	8-23	12-23	12-25	16-25	16-25	16-27
	t	16	18	18	18	20	22	22	24	24	26	28
	L	200	220	230	250	270	290	320	380	440	500	590
	H	300	350	400	450	520	580	700	840	960	1050	1150
	Weight	23.28	33.12	39.6	54.96	79.08	103.2	163.2	276	397.2	519.6	716.4
JIS 16K (JIS F7369)	ød	50	65	80	100	125	150					
	øD	155	175	200	225	270	305					
	øC	120	140	160	185	225	260					
	N-øh	8-19	8-19	8-23	8-23	8-25	12-25					
	t	16	18	18	18	20	22					
	L	200	220	230	250	270	290					
	H	300	350	400	450	520	580					
	Weight	23.28	39.8	47.5	66	107.4	147.6					

Test Pressure (MPa)

Rating	JIS 5K		JIS 10K		JIS 16K
Size	Up to 400A	450A to 600A	Up to 400A	450A to 600A	300~400A
Hydrostatic press test (Shell)	1.05	0.75	2.1	1.8	2.4
Hydrostatic press test (Seat)	0.77	0.55	1.54	1.32	1.76

Remark : 1. The flanges shall conform to nominal pressure 5K, 10K and 16K of JIS B2210
2. The name plate shall be specified by purchaser as required.

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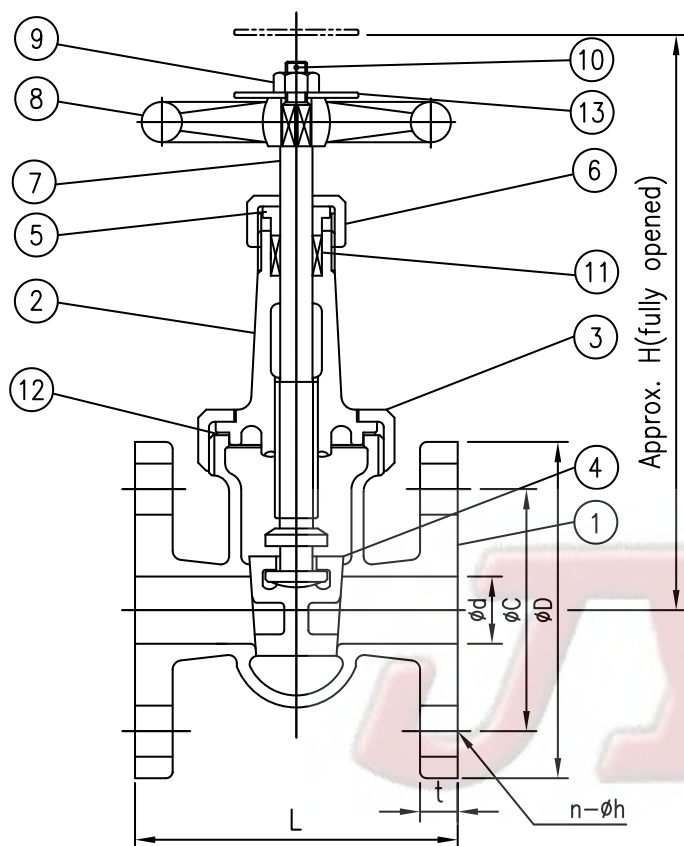
Cast Bronze JIS Marine valves

■ JIS 5K Gate Valves

JIS F7367

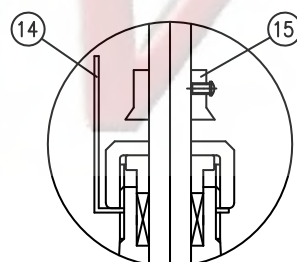
■ JIS 10K Gate Valves

JIS F7368



Union Bonnet Integral seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	BONNET NUT	BRONZE / JIS H5120 CAC406
4	DISC	BRONZE / JIS H5120 CAC406
5	PACKING GLAND	BRASS
6	PACKING GLAND NUT	BRASS
7	STEM	BRASS
8	HANDWHEEL	CAST IRON
9	HEXAGON NUT	BRASS
10	SPLIT PIN	BRASS
11	PACKING	NON ASBESTOS
12	GASKET	NON ASBESTOS
13	WASHER	STEEL
14	INDICATOR PLATE	BRASS
15	INDICATOR PIECE	BRASS



Indicator

Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 10K
Oil and pulsation water	0.5	1.0
Saturated steam	0.2	0.2
Non-Shock Water up to 120°C	0.7	1.4

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	1.05	2.1
Hydrostatic press test (Seat)	0.7	1.54

Dimension Table

(Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L	H	Weight (kg)
JIS 5K (JIS F7367)	15A	15	80	60	4-12	9	90	175	2.29
	20A	20	85	65	4-12	10	100	200	2.98
	25A	25	95	75	4-12	10	110	220	4.1
	32A	32	115	90	4-15	12	130	250	5.79
	40A	40	120	95	4-15	12	140	290	7.78
JIS 10K (JIS F7368)	15A	15	95	70	4-15	12	100	175	2.96
	20A	20	100	75	4-15	14	110	200	3.89
	25A	25	125	90	4-19	14	120	220	5.82
	32A	32	135	100	4-19	16	140	250	7.52
	40A	40	140	105	4-19	16	150	290	9.71

Remark : 1. The flanges shall conform to nominal pressure 5K and 16K of JIS B 2240.

2. JIS F7301 5K for nominal dia 50 and 65 shall be made Bolted Bonnet type.

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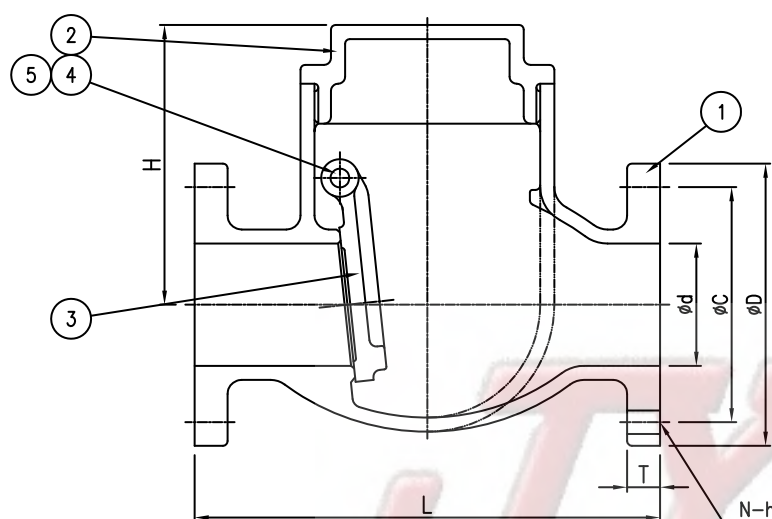
Cast Bronze JIS Marine valves

■ JIS 5K Swing Check Valves (Screw Bonnet Type)

JIS F7371

■ JIS 10K Swing Check Globe Valves (Screw Bonnet Type)

Ref.to JIS F7371



Screw Bonnet Integral seat
Swing type & Disc Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE
4	HINGE PIN	BRASS
5	PLUG	STAINLESS STEEL

Fluid Condition & Max. Working pressure (MPa)

Rating	JIS 5K	JIS 10K
Fluid Condition		
Air, Gas, Oil and pulsation water	0.5	0.98
Non-Shock Water up to 120°C	0.7	1.37

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	1.05	2.06
Hydrostatic press test (Seat)	0.77	1.51

Dimension Table (Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L	H	Weight (kg)
JIS 5K (JIS F371)	15A	25	80	60	4-12	9	110	69	2.24
	20A	25	85	65	4-12	10	110	69	2.24
	25A	25	95	75	4-12	10	110	69	2.24
	32A	32	115	90	4-15	12	130	79	3.07
	40A	40	120	95	4-15	12	140	93	4.34
JIS 10K (JIS F7371)	15A	25	95	70	4-15	12	110	69	3.1
	20A	25	100	75	4-15	14	110	69	5.0
	25A	25	125	90	4-19	14	110	69	5.0
	32A	32	135	100	4-19	16	140	79	7.0
	40A	40	140	105	4-19	16	140	93	9.5

Remark : 1. The flanges shall conform to nominal pressure 5K of JIS B 2240.

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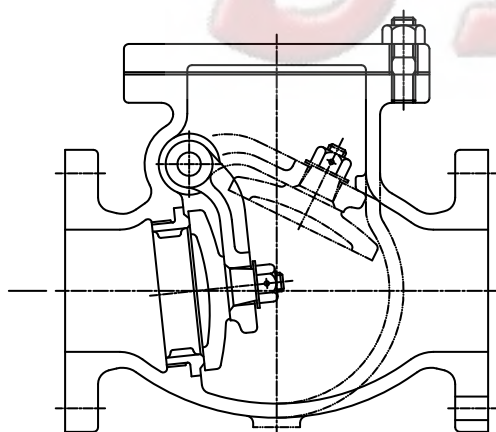
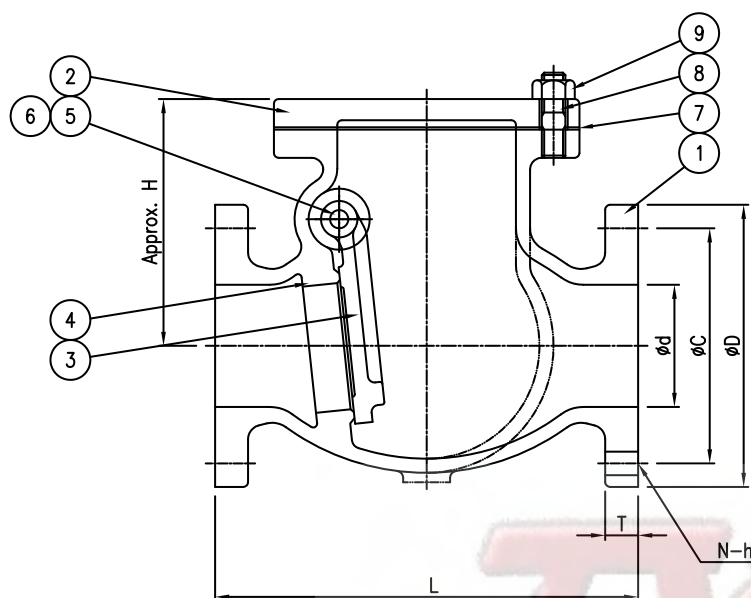
Cast Bronze JIS Marine valves

■ JIS 5K Swing Check Valves

Ref. to JIS F7372

■ JIS 10K Swing Check Valves

Ref. to JIS F7373



< ABOVE 100A >

Bolted Bonnet Renewable seat
Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE / JIS H5120 CAC406
4	SEAT RING	INTEGRAL / BRONZE
5	HINGE PIN	BRONZE
6	PLUG	BRONZE / STAINLESS STEEL
7	GASKET	NON ASBESTOS
8	BONNET BOLT	BRASS / STAINLESS STEEL
9	BONNET NUT	BRASS / STAINLESS STEEL

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	1.05	2.1
Hydrostatic press test (Seat)	0.77	1.54

Dimension Table (Unit : mm)

Rating	Size	50A	65A	80A	100A	125A	150A	200A	250A
JIS 5K (JIS F7372)	Ød	50	65	80	100	125	150	200	250
	ØD	130	155	180	200	235	265	320	385
	ØC	105	130	145	165	200	230	280	345
	N-Øh	4-15	4-15	4-19	8-19	8-19	8-19	8-23	12-23
	t	14	14	14	16	16	18	20	22
	L	190	220	250	280	330	380	460	550
	H	97	119	129	146	171	198	235	290
	Weight	10.9	16.7	23.0	32.5	47.5	64.4	113.3	180
JIS 10K (JIS F7373)	Ød	50	65	80	100	125	150	200	
	ØD	155	175	185	210	250	280	330	
	ØC	120	140	150	175	210	240	290	
	N-Øh	4-19	4-19	8-19	8-19	8-23	8-23	12-23	
	t	16	18	18	18	20	22	24	
	L	210	240	270	300	350	400	480	
	H	109	126	136	153	180	205	242	
	Weight	16.3	23.5	27.1	37.1	59.0	77.9	123.6	

Remark : 1. The flanges shall conform to nominal pressure 5K and 10K of JIS B 2210.

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Cast Bronze JIS Marine valves

■ JIS 5K Lift Check Valves (Union Bonnet Type)

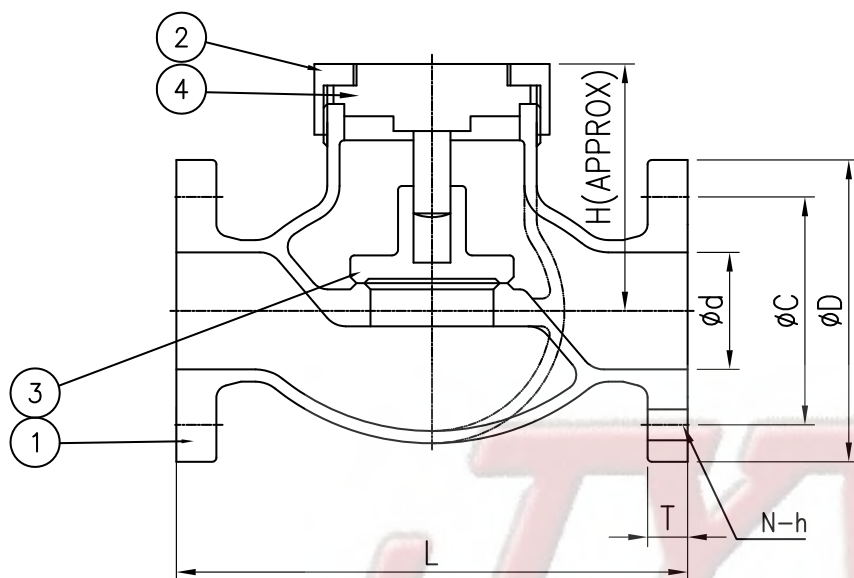
JIS F7415

■ JIS 16K Lift Check Globe Valves (Union Bonnet Type)

JIS F7417

Screw Bonnet Intergral seat
Lift type Disc Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET NUT	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE OR BRASS
4	BONNET	BRASS



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition \ Rating	JIS 5K	JIS 16K
Air, Gas, Oil and pulsation water	0.5	1.57
Non-Shock Water up to 120°C	0.7	2.16

Test Pressure (MPa)

Rating	JIS 5K	JIS 16K
Hydrostatic press test (Shell)	1.05	3.24
Hydrostatic press test (Seat)	0.77	2.38

Dimension Table

(Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L	H	Weight (kg)
JIS 5K (JIS F7415)	15A	15	80	60	4-12	9	100	66	1.62
	20A	20	85	65	4-12	10	110	71	2.17
	25A	25	95	75	4-12	10	120	81	2.8
	32A	32	115	90	4-15	12	140	83	3.92
	40A	40	120	95	4-15	12	160	91	5.49
JIS 16K (JIS F7417)	15A	15	95	70	4-15	12	110	77	2.37
	20A	20	100	75	4-15	14	120	77	3.05
	25A	25	125	90	4-19	14	130	77	4.42
	32A	32	135	100	4-19	16	160	81	5.87
	40A	40	140	105	4-19	16	180	91	7.67

Remark : 1. The flanges shall conform to nominal pressure 5K of JIS B 2240.

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Cast Bronze Marine valves

■ JIS 5K Lift Check Globe Valves

JIS F7358

■ JIS 5K Lift Check Angle Valves

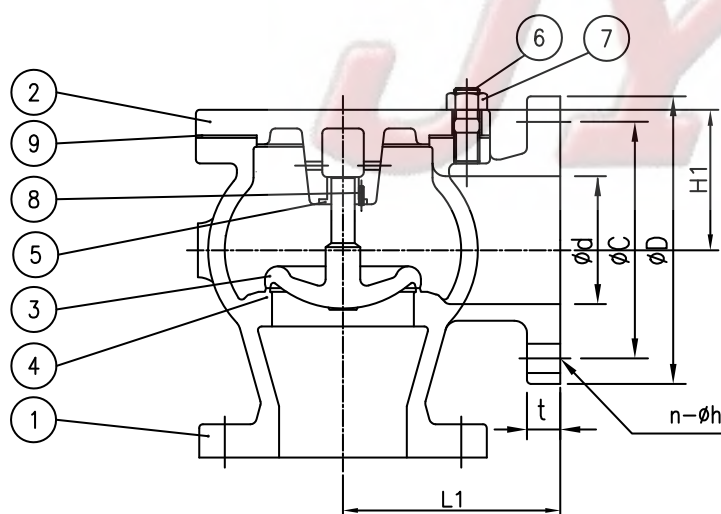
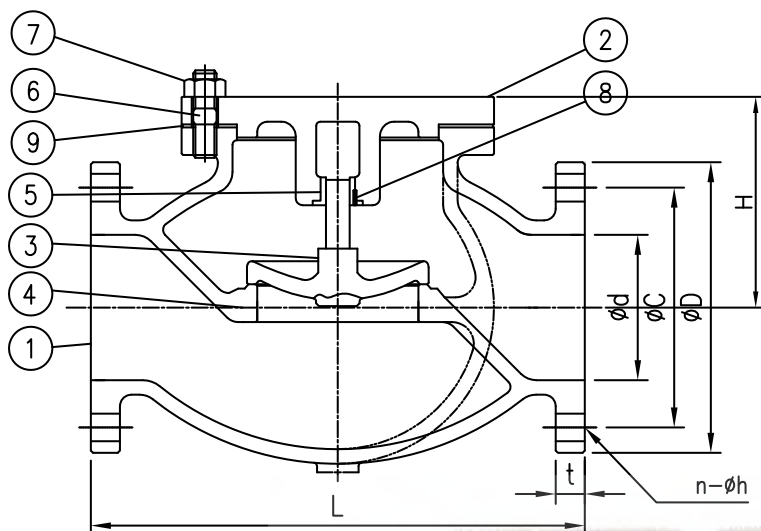
JIS F7359

■ JIS 10K Lift Check Globe Valves

Ref. to JIS F7358

■ JIS 10K Lift Check Angle Valves

Ref. to JIS F7359



Bolted Bonnet Renewable seat
Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE / JIS H5120 CAC406
4	VALVE SEAT	INTEGRAL
5	BUSH	BRONZE
6	STUD BOLT	STAINLESS STEEL / BRASS
7	HEXAGON NUT	STAINLESS STEEL
8	SET SCREW	STAINLESS STEEL
9	GASKET	NON ASBESTOS

Test Pressure (MPa)

Rating	JIS 5K
Hydrostatic press test (Shell)	1.05
Hydrostatic press test (Seat)	0.77
Rating	JIS 10K
Hydrostatic press test (Shell)	2.1
Hydrostatic press test (Seat)	1.54

Dimension Table (Unit : mm)

Rating	Size	50A	65A	80A	100A	125A	150A
JIS 5K	ød	50	65	80	100	125	150
	øD	130	155	180	200	235	265
	øC	105	130	145	165	200	230
	N-øh	4-15	4-15	4-19	8-19	8-19	8-19
	t	14	14	14	16	18	18
	L	210	250	280	340	410	480
	L1	100	115	130	150	170	190
	H	107	124	129	146	166	188
	H1	77	81	84	96	108	125
JIS 10K	ød	50	65	80	100	125	150
	øD	155	175	185	210	250	280
	øC	120	140	150	175	210	240
	N-øh	4-19	4-19	8-19	8-19	8-23	8-23
	t	16	18	18	18	20	22
	L	220	270	300	350	420	490
	L1	120	130	140	160	180	205
	H	107	124	129	146	166	188
	H1	77	81	84	96	108	125

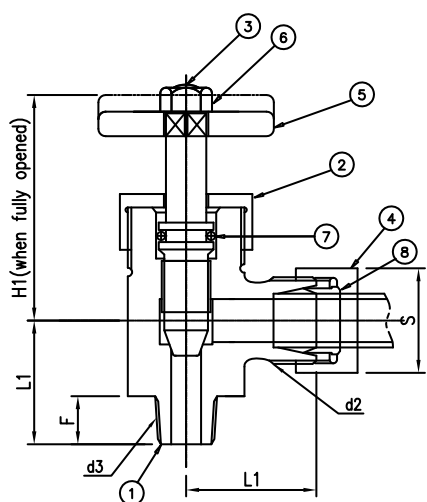
Remark : 1. The flanges shall conform to nominal pressure 5K of JIS B 2210.

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Brass JIS Marine valves

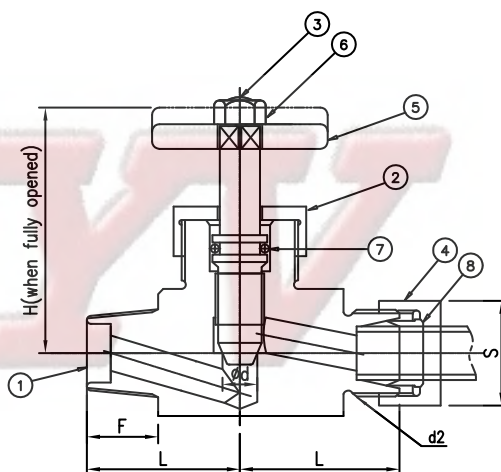
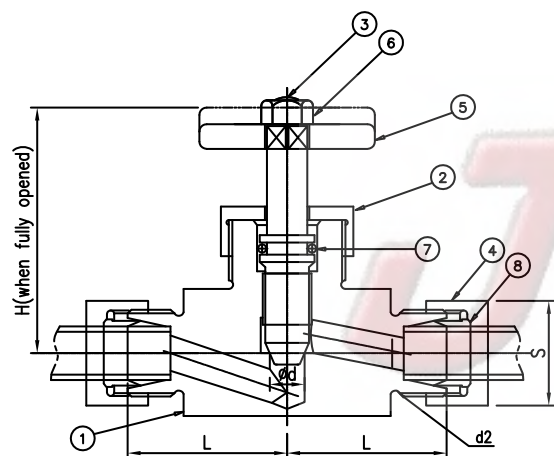
JIS 30K Stop Valves With Bite Joint

JIS F7379



Integral seat

NO.	PARTS	MATERIAL
1	BODY	BRASS
2	CAP NUT	BRASS
3	STEM	BRASS
4	UNION NUT	BRASS
5	HANDWHEEL	BRASS
6	HEXAGON NUT	BRASS
7	O-RING	NITRILE RUBBER
8	SLEEVE	BRASS



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	JIS 30K
Non-Shock Water up to 80°C		3.0

Dimension Table

(Unit : mm)

Rating	Nominal dia.	L	L1	F	Threads d3	H	H1	S	Pipe out dia.
JIS 30K (JIS F7379)	4	24	22	11	PT 1/8	42	39	17	6
	6	28	25	12	PT 1/4	45	41	22	8/10
	10	35	31	13	PT 3/8	60	54	30	15

Test Pressure (MPa)

Nominal dia.	JIS 30K
Hydrostatic press test (Shell)	4.5
Hydrostatic press test (Seat)	3.3

Remark : 1. The name plate shall be specified by purchaser as required.

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Cast JIS Bronze Marine valves

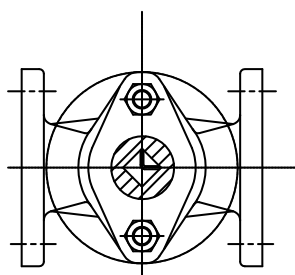
■ JIS 5K 2 & 3Way Flanged Cocks

JIS F7381

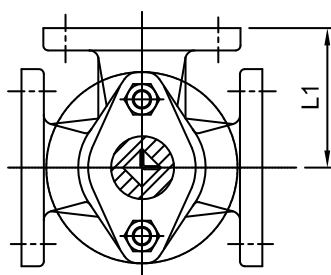
■ JIS 10K 2 & 3Way Flanged Cocks

Ref. to JIS F7381

TWO-WAY COCK

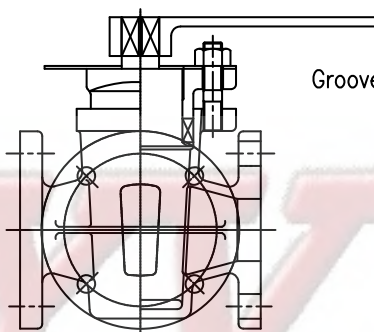
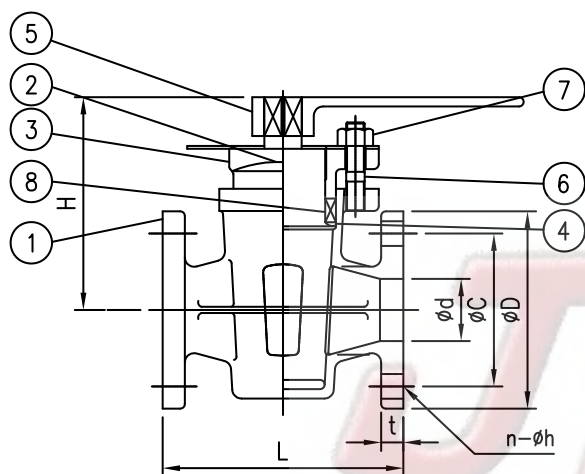


THREE-WAY COCK



Integral seat Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / JIS H5120 CAC406
2	PLUG	BRONZE / JIS H5120 CAC406
3	PACKING GLAND	BRONZE / BRASS
4	SEAT RING	BRONZE / BRASS
5	HANDLE	STEEL / BRASS
6	STUD BOLT	BRASS / STAINLESS STEEL
7	HEXAGON NUT	BRASS / STAINLESS STEEL
8	PACKING	NON ASBESTOS

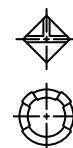


Groove indicating the direction of port

TYPE L



TYPE T



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	JIS 5K, 10K
Oil and Water		0.5

Test Pressure (MPa)

Rating	JIS 5K	JIS 10K
Hydrostatic press test (Shell)	0.75	1.51
Hydrostatic press test (Seat)	0.55	1.08

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L	L1	H	Weight (kg)
JIS 5K (JIS F7381)	15A	25	80	60	4-12	10	130	65	105	3.81
	20A	25	85	65	4-12	10	130	65	105	3.81
	25A	25	95	75	4-12	10	130	65	105	3.81
	32A	32	115	90	4-15	12	160	80	125	6.13
	40A	40	120	95	4-15	12	170	85	135	7.93
	50A	50	130	105	4-15	14	190	95	163	11.8
	65A	65	155	130	4-15	14	220	110	201	19.0
Rating	Size	ød	øD	øC	N-øh	t	L	L1	H	Weight (kg)
JIS 10K (JIS F7381)	15A	25	95	70	4-15	12	130	65	105	3.81
	20A	25	100	75	4-15	14	130	65	105	9.0
	25A	25	125	90	4-19	14	170	85	125	9.0
	32A	32	135	100	4-19	16	170	85	125	15.0
	40A	40	140	105	4-19	16	180	90	135	15.0
	50A	50	155	120	4-19	16	190	95	163	19.0
	65A	65	175	140	4-19	18	220	110	201	27.0

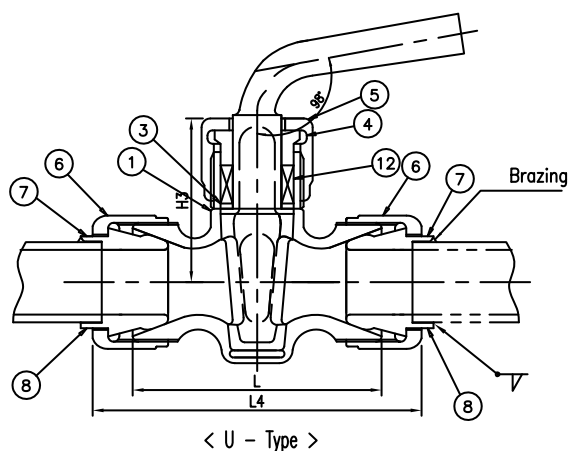
Remark : 1. The flanges shall conform to JIS B 2240.

It's prohibited to copy or transcribe arbitrarily.

Cast Bronze JIS Marine valves

■ JIS 16K Cocks

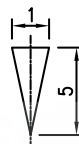
JIS F7387



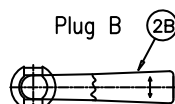
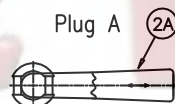
Integral seat

NO.	PARTS	MATERIAL
1	BODY	BRONZE
2A	PLUG A	BRONZE
2B	PLUG B	BRONZE
3	SEAT RING	BRONZE / BRASS
4	PACKING GLAND	BRONZE / BRASS
5	GLAND NUT	BRONZE / BRASS
6	UNION NUT	BRONZE / BRASS
7	NIPPLE FOR COPPER	BRASS
8	NIPPLE FOR STEEL	STEEL
10	UNION NUT	BRASS
11	SLEEVE	BRASS
12	PACKING	NON ASBESTOS

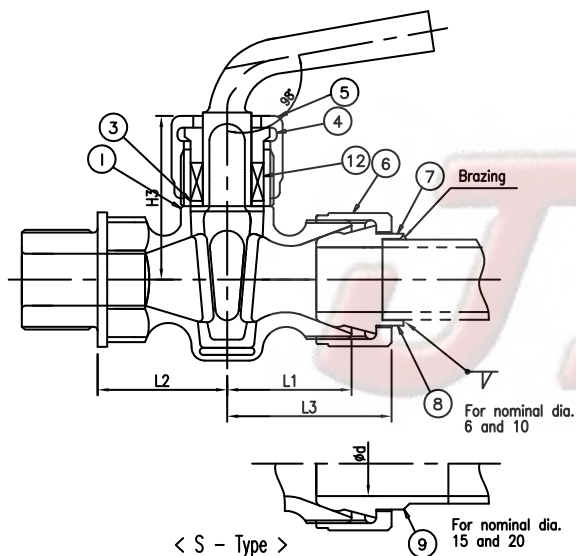
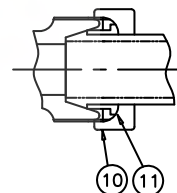
Taper for plug



Direction of plug port



For bite type union
(nominal dia. 6 and 10)



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	Nominal dia. 6 and 10	Nominal dia. 15 and 20
Oil and pulsation water	1.6	1.6	1.3
Saturated steam	1.0	1.0	0.5
Non-Shock Water up to 120°C	2.0	2.0	1.6

Dimension Table

(Unit : mm)

Rating	Size	Copper Pipe	Steel Pipe	L	L1	L2	L3	L4	H3	Weight (kg)
JIS 16K (JIS F7387)	6A	8	10.5	56	28	28	37	74	36	0.46
	6A	10	10.5	56	28	28	37	74	36	0.46
	10A	15	17.3	80	40	35	52	104	44	0.85
	15A	20	21.7		45	45	58		56	1.46
	20A	25	27.2		50	50	65		62	2.09

Test Pressure (MPa)

Nominal dia.	6 and 10	15 and 20
Hydrostatic press test (Shell)	3.00	2.40
Hydrostatic press test (Plug)	2.20	1.76

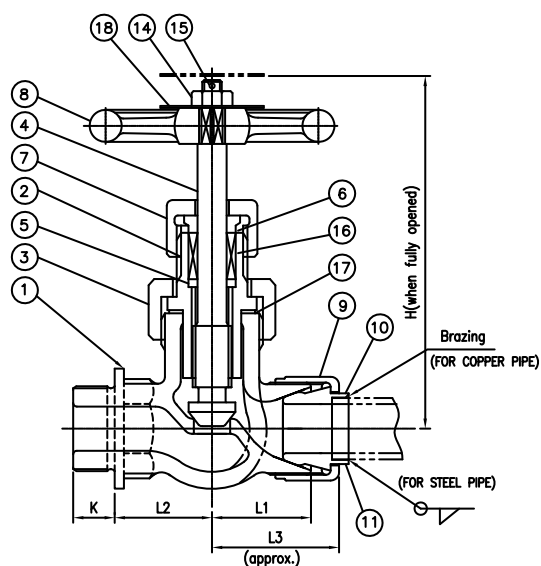
Remark : 1. The dimensions of union for copper pipe shall conform to JIS F 7440 and that for steel pipe to JIS F 7442.

It's prohibited to copy or transcribe arbitrarily.

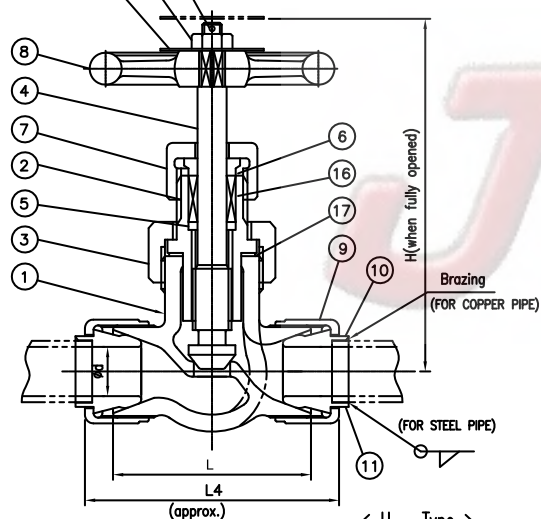
Cast Bronze JIS Marine valves

JIS 20K Globe Valves

JIS F7388



< S - Type >

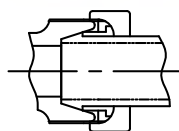


< U - Type >

Union Bonnet Integral seat
Rising Stem

NO.	PARTS	MATERIAL
1	BODY	BRONZE
2	BONNET	BRONZE / BRASS
3	BONNET NUT	BRONZE / BRASS
4	STEM	BRASS
5	SEAT RING	BRONZE / BRASS
6	PACKING GLAND	BRONZE / BRASS
7	GLAND NUT	BRONZE / BRASS
8	HANDWHEEL	CAST IRON
9	UNION NUT	BRONZE / BRASS
10	NIPPLE FOR COPPER	BRASS
11	NIPPLE FOR STEEL	STEEL
12	UNION NUT	BRASS
13	SLEEVE	BRASS
14	HEXAGON NUT	BRASS
15	SPLIT PIN	BRASS
16	PACKING	NON ASBESTOS
17	GASKET	NON ASBESTOS
18	WASHER	STEEL

For bite type union



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	JIS 20K
Air, Oil, Gas and pulsation water		2.0
Steam up to 205°C		1.6
Non-Shock Water up to 120°C		2.8

Dimension Table

(Unit : mm)

Rating	Size	Copper Pipe	Steel Pipe	L	L1	L2	L3	L4	H	Weight (kg)
JIS 20K (JIS F7388)	6A	8	10.5	64	32	32	41	82	100	0.85
	6A	10	10.5	64	32	32	41	82	100	0.85
	10A	15	17.3	72	36	35	48	96	115	1.37

Test Pressure (MPa)

Rating	JIS 20K
Hydrostatic press test (Shell)	4.20
Hydrostatic press test (Seat)	3.08

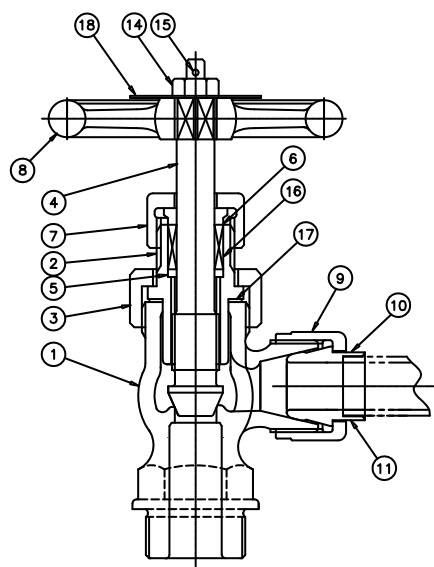
Remark : 1. The dimensions of union for copper pipe shall conform to JIS F 7440 and that for steel pipe to JIS F 7442.

It's prohibited to copy or transcribe arbitrarily.

Cast Bronze JIS Marine valves

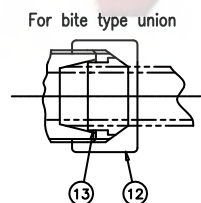
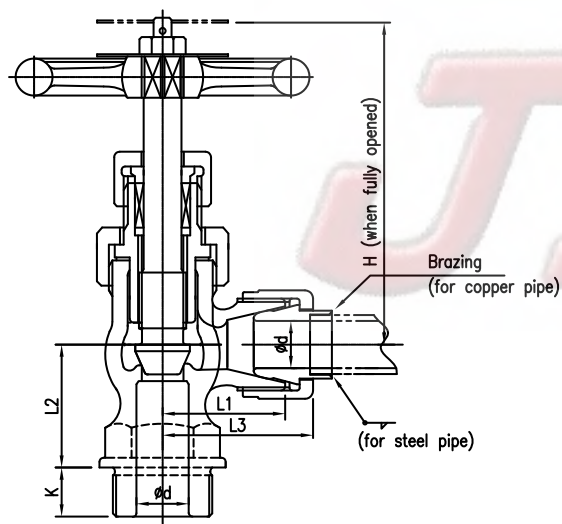
JIS 20K Angle Valves

JIS F7389



Union Bonnet Integral seat
Rising Stem

NO.	PARTS	MATERIAL
1	BODY	BRONZE
2	BONNET	BRONZE / BRASS
3	BONNET NUT	BRONZE / BRASS
4	STEM	BRASS
5	SEAT RING	BRONZE / BRASS
6	PACKING GLAND	BRONZE / BRASS
7	GLAND NUT	BRONZE / BRASS
8	HANDWHEEL	CAST IRON
9	UNION NUT	BRONZE / BRASS
10	NIPPLE FOR COPPER	BRASS
11	NIPPLE FOR STEEL	STEEL
12	UNION NUT	BRASS
13	SLEEVE	BRASS
14	HEXAGON NUT	BRASS
15	SPLIT PIN	BRASS
16	PACKING	NON ASBESTOS
17	GASKET	NON ASBESTOS
18	WASHER	STEEL



Fluid Condition & Max. Working pressure (MPa)

Fluid Condition	Rating	JIS 20K
Air, Oil, Gas and pulsation water		2.0
Steam up to 205°C		1.6
Non-Shock Water up to 120°C		2.8

Dimension Table (Unit : mm)

Rating	Size	Copper Pipe	Steel Pipe	K	L1	L2	L3	H	Weight (kg)
JIS 20K (JIS F7389)	6A	8	10.5	12	32	32	41	95	0.83
	6A	10	10.5	12	32	32	41	95	0.83
	10A	15	17.3	72	39	35	51	105	1.2

Test Pressure (MPa)

Rating	JIS 20K
Hydrostatic press test (Shell)	4.20
Hydrostatic press test (Seat)	3.08

Remark : 1. The dimensions of union for copper pipe shall conform to JIS F 7440 and that for steel pipe to JIS F 7442.

It's prohibited to copy or transcribe arbitrarily.

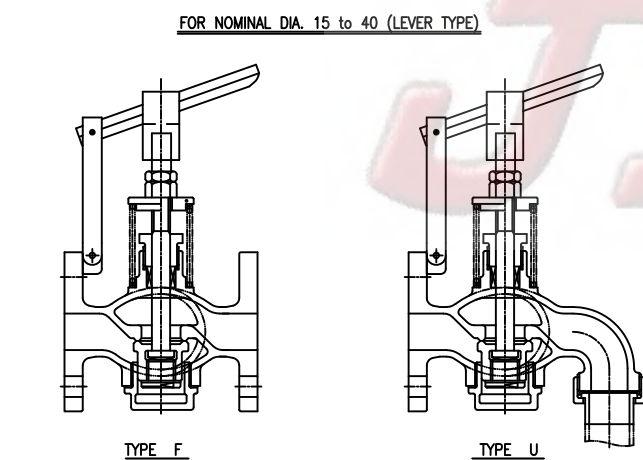
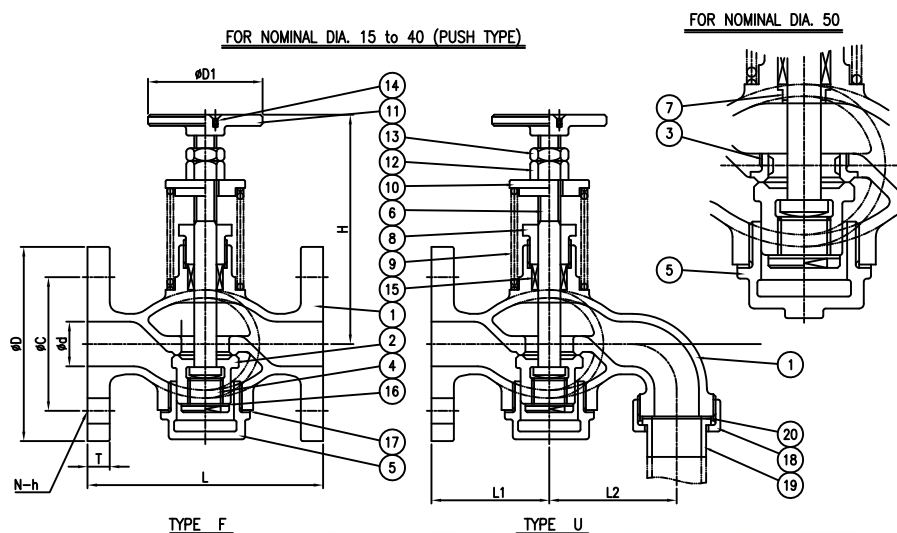
Cast Bronze Marine valves

■ Fuel Oil Tank Self-Closing Drain Valves 5K

Ref. to JIS F7398

■ Fuel Oil Tank Self-Closing Drain Valves 10K

JIS F7398



NO.	PARTS	MATERIAL
1	BODY (15A-40A)	BRONZE / JIS H5120 CAC406
1	BODY (50A)	BRONZE / CAST STEEL
2	DISC	BRONZE
3	SEAT RING	INTEGRAL / BRONZE
4	PLUG	BRONZE
5	BONNET (15A-40A)	BRONZE
5	BONNET (50A)	BRONZE / CAST STEEL
6	STEM	BRASS
7	PACKING BUSH	BRASS
8	PACKING GLAND	BRASS
9	SPRING	SWP-A
10	SPRING SUPPORT	BRONZE / STEEL
11	HANDLE	STEEL
12	NUT	BRASS
13	NUT	BRASS
14	SET SCREW	BRASS
15	PACKING	NON ASBESTOS
16	GASKET	NON ASBESTOS
17	GASKET	NON ASBESTOS
18	UNION NUT	STEEL
19	NIPPLE	STEEL
20	GASKET	NON ASBESTOS

Dimension Table

(Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L	L1	H	Weight (kg) F	Weight (kg) U
JIS 5K (JIS F7398)	15A	25	80	60	4-12	9	130	65	130	4.7	3.87
	20A	25	85	65	4-12	10	130	65	130	4.7	3.87
	25A	25	95	75	4-12	10	130	65	130	4.7	3.87
	32A	40	115	90	4-15	12	180	90	165	8.1	7.43
	40A	40	120	95	4-15	12	180	90	165	8.1	7.43
	50A	50	130	105	4-19	14	220	110	195	12.4	12.2
	65A	65	155	130	4-19	14	270	135	255	32	28
	80A	80	180	145	4-19	14	290		255	37	
	100A	100	200	165	8-19	16	300		280	60	
JIS 10K (JIS F7398)	15A	25	95	70	4-15	14	130	65	130	4.7	3.87
	20A	25	100	75	4-15	14	130	65	130	4.7	3.87
	25A	25	125	90	4-19	14	130	65	130	4.7	3.87
	32A	40	135	100	4-19	16	180	90	165	8.1	7.43
	40A	40	140	105	4-19	16	180	90	165	8.1	7.43
	50A	50	155	120	4-19	16	220	110	195	12.4	12.2
	65A	65	175	140	4-19	18	270	135	255	32	28
	80A	80	185	150	8-19	18	290		255	37	
	100A	100	210	175	8-19	18	300		280	60	

Test Pressure (MPa)

Rating	JIS 10K
Hydrostatic press test (Shell)	0.15
Hydrostatic press test (Seat)	0.11

Remark : 1. The flanges of nominal diameter 15 to 50 shall conform to JIS B 2240.

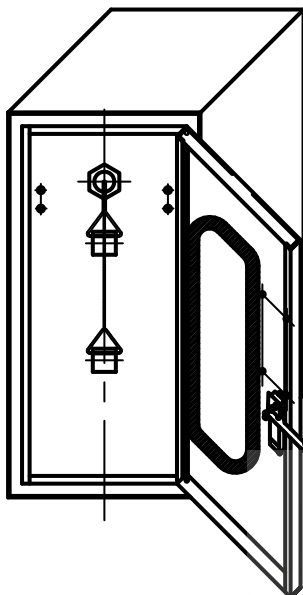
It's prohibited to copy or transcribe arbitrarily.

Control Box

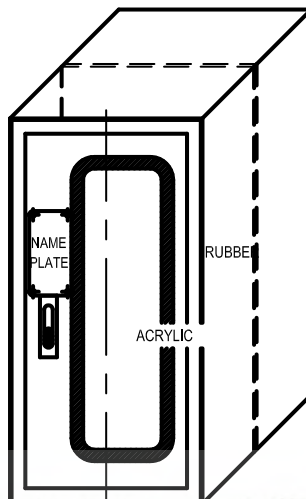


■ One-Handle Type For Quick Closing Valves (Wire Type)

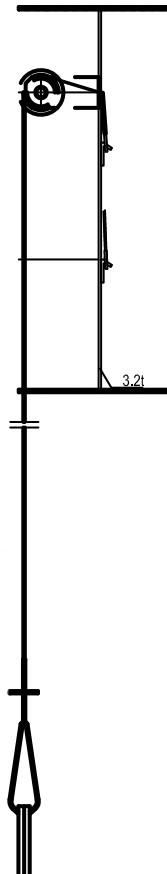
JIS F7399



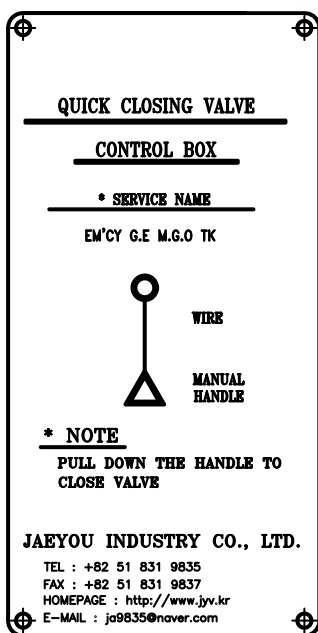
VIEW OF OPEN DOOR



VIEW OF OFF DOOR



VIEW OF INTERNAL PLATE



NAME PLATE

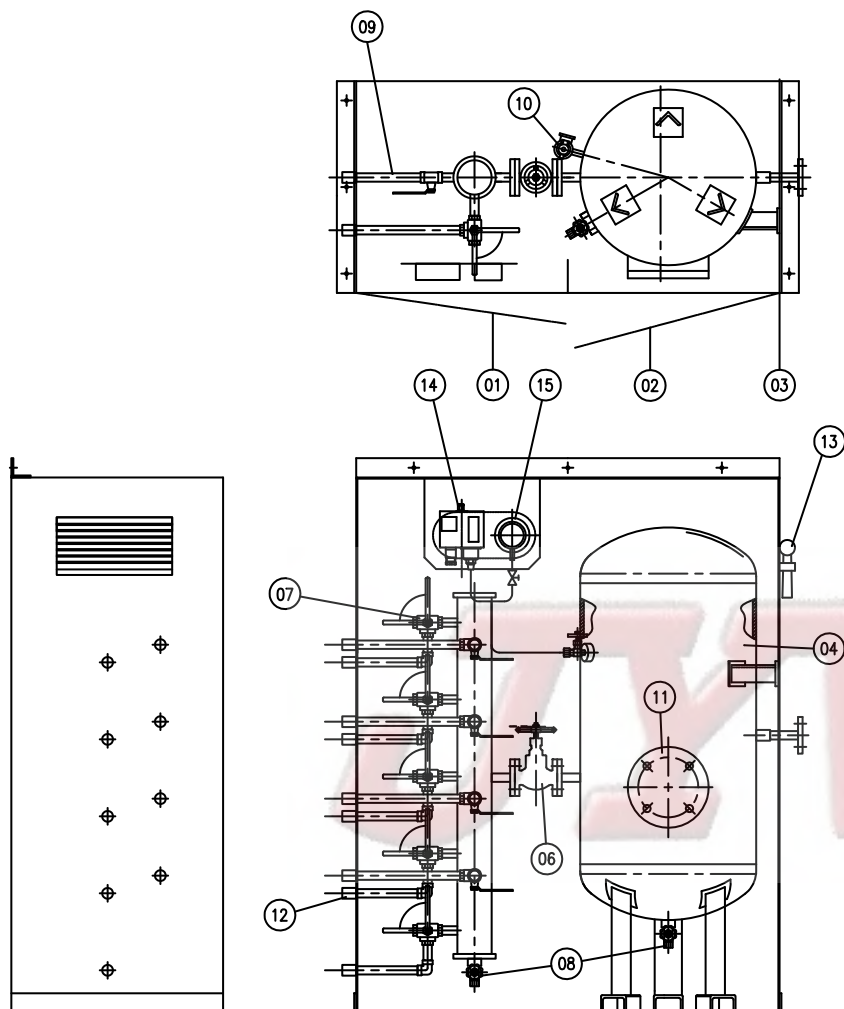
It's prohibited to copy or transcribe arbitrarily.



Control Box

■ Pneumatic Control Box For Emergency Shut-Off Valves

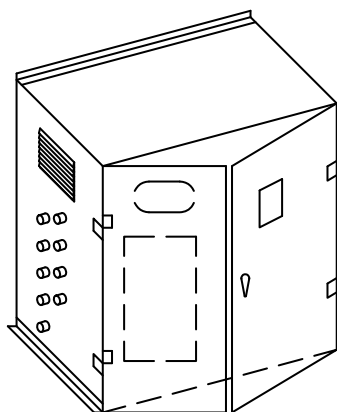
JIS F7399



NO.	PARTS	MATERIAL
1	CONTROL BOX	STEEL
2	DOOR	STEEL
3	HINGE	STEEL
4	AIR RESERVOIR	STEEL
5	AIR RESERVOIR	STEEL
6	GLOBE VALVE	BRONZE
7	3WAY BALL VALVE	STAINLESS STEEL
8	DRAIN VALVE	BRASS
9	OUTLET PIPE	STAINLESS STEEL
10	SAFETY VALVE	BRONZE
11	CLEANING HOLE	STEEL
12	SOCKET	STAINLESS STEEL
13	HAMMER	STEEL
14	PRESSURE SWITCH	
15	PRESSURE GAUGE	

SPECIFICATION

1. WORKING PRESSURE : 7Kg/cm^2
2. DESIGN PRESSURE : 7.7Kg/cm^2
3. TEST PRESSURE : 11.55Kg/cm^2
4. PAINTING
 - 1)CONTROL BOX : INSIDE - ALKYD WHITE
: OUTSIDE - ALKYD RED
 - 2)AIR RESERVOIR : INSIDE - TAR EPOXY (2COATION)
: OUTSIDE - ALKYD WHITE

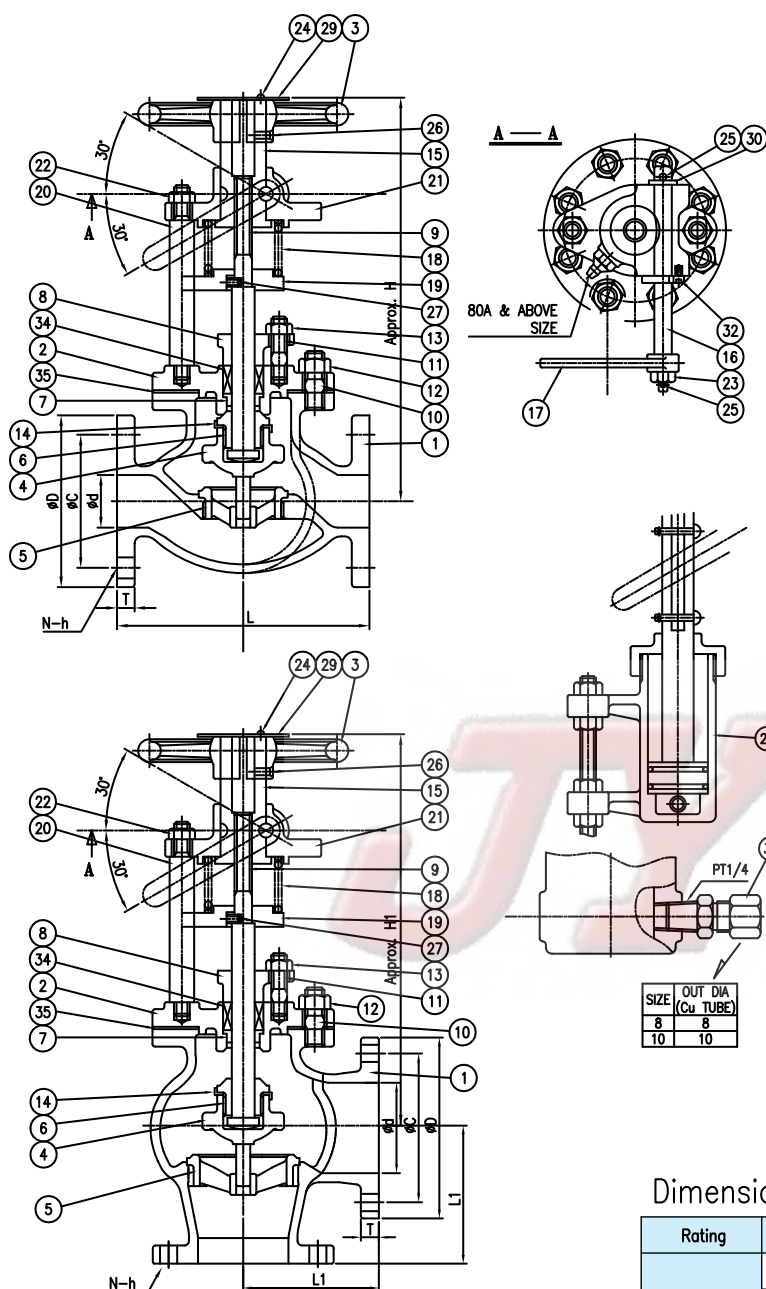


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Cast Bronze JIS Marine valves

■ Fuel Oil Tank Emergency Shut-Off Valves 10K

JIS F7399



NO.	PARTS	MATERIAL
		15A to 250A
1	BODY	BRONZE / JIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	HANDWHEEL	CAST IRON
4	DISC	BRONZE JIS H5120 CAC406
5	BODY SEAT RING	INTEGRAL / BRONZE
6	DISC NUT	BRONZE
7	BONNET BUSH	BRONZE
8	PACKING GLAND	BRONZE
9	STEM	BRASS
10	BONNET BOLT	STEEL
11	PACKING BOLT	STEEL
12	BONNET NUT	STEEL
13	PACKING NUT	BRASS
14	DISC WASHER	BRASS
15	STEM BUSH	BRASS
16	SPINDLE	STAINLESS STEEL
17	LEVER	STEEL
18	SPRING	SWP-A
19	SPRING SUPPORT	BRONZE / DUCTILE IRON
20	STAY	STEEL
21	SUPPORT BUSH	BRONZE / DUCTILE IRON
22	STAY NUT	STEEL
23	NUT	STEEL
24	MACHINE SCREW	BRASS
25	SPLIT PIN	BRASS
26	MACHINE SCREW	BRASS
27	LOCK PIN	STEEL
28	PNEUMATIC CYLINDER	BRONZE
29	NAME PLATE	BRASS
30	WASHER	STEEL
32	SET SCREW	STEEL
33	NIPPLE	BRASS
34	PACKING	NON ASBESTOS
35	BONNET GASKET	NON ASBESTOS

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L	L1	H	H1	Weight (Kg) Globe Angle
JIS 10K (JIS F7399)	15A	25	95	70	4-15	12	110	70	130	265	8.5 8.5
	20A	25	100	75	4-15	14	130	85	130	265	8.5 8.5
	25A	25	125	90	4-19	14	130	85	130	265	8.5 8.5
	32A	32	135	100	4-19	16	160	95	165	310	12.7 12.7
	40A	40	140	105	4-19	16	170	100	165	310	12.7 12.7
	50A	50	155	120	4-19	16	220	120	335	335	25.1 20.9
	65A	65	175	140	4-19	18	270	130	395	395	36.6 30.5
	80A	80	185	150	8-19	18	300	140	420	420	42.5 38.4
	100A	100	210	175	8-19	18	350	160	510	510	66.7 60.1
	125A	125	250	210	8-23	20	420	180	570	570	123.6 115.3
	150A	150	280	240	8-23	22	490	205	660	660	168 144.5
	200A	200	330	290	12-23	22	570	230	780	780	264 225.6
	250A	250	400	355	12-25	24	740	290	860	860	420 400

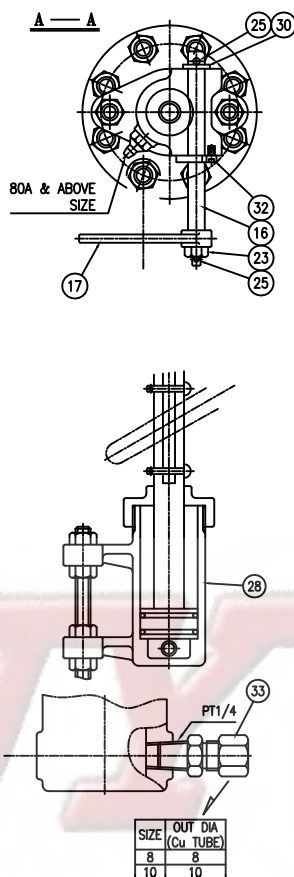
Test Pressure (MPa)

Rating	JIS 10K
Hydrostatic press test (Shell)	0.686
Hydrostatic press test (Seat)	0.196

Remark : 1. The flanges of nominal diameter 40 or less shall conform to JIS B 2240 - 10K and the flanges of nominal diameter 50 or more shall conform to JIS B 2210 - 10K, however they may conform to JIS B 2240 - 5K or JIS B 2210 - 5K

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JIS F7399



(Unit : mm)

Rating	Size	ød	ØD	øC	N-øh	t	L	L1	H	H1	Weight Globe	(Kg) Angle
JIS 5K (JIS F7399)	15A	15	80	60	4-12	10	110	70	130	265	8.5	8.5
	20A	25	85	65	4-12	10	120	85	130	265	8.5	8.5
	25A	25	95	75	4-12	10	120	85	130	265	8.5	8.5
	32A	32	115	90	4-15	14	160	95	165	310	12.7	12.7
	40A	40	120	95	4-15	14	160	100	165	310	12.7	12.7
	50A	50	130	105	4-15	16	220	120	335	335	25.1	20.9
	65A	65	155	130	4-15	18	270	130	395	395	36.6	30.5
	80A	80	180	145	4-19	18	300	140	420	420	42.5	38.4
	100A	100	200	165	8-19	18	350	160	510	510	66.7	60.1
	125A	125	235	200	8-19	20	420	180	570	570	123.6	115.3
	150A	150	265	230	8-19	22	490	205	660	660	168	144.5
	200A	200	320	280	8-23	22	570	230	780	780	264	225.6
	250A	250	385	345	12-23	24	740	290	860	860	420	400

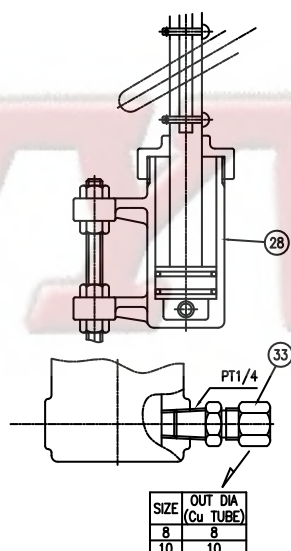
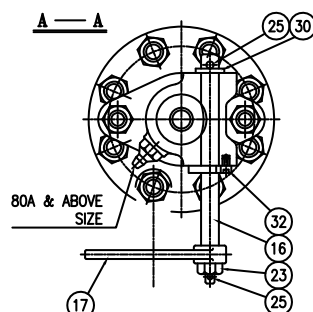
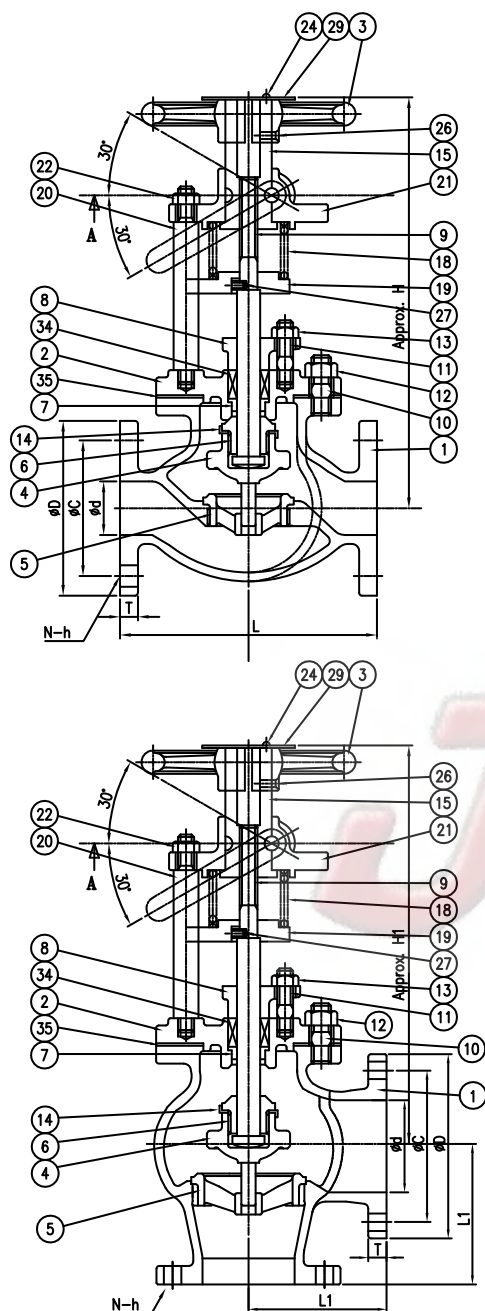
Rating	JIS 5K
Hydrostatic press test (Shell)	0.686
Hydrostatic press test (Seat)	0.196

It's prohibited to copy or transcribe arbitrarily.

Cast Steel JIS Marine valves

■ Fuel Oil Tank Emergency Shut-Off Valves 10K

JIS F7399



NO.	PARTS	MATERIAL
		50A to 250A
1	BODY	JIS G5101SC450
2	BONNET	JIS G5101 SC450
3	HANDWHEEL	CAST IRON
4	DISC	JIS G5121 SCS2
5	BODY SEAT RING	JIS G5121 SCS2
6	DISC NUT	STAINLESS STEEL
7	BONNET BUSH	BRONZE
8	PACKING GLAND	BRONZE
9	STEM	JIS G4303 SUS410
10	BONNET BOLT	STEEL
11	PACKING BOLT	STEEL
12	BONNET NUT	STEEL
13	PACKING NUT	BRASS
14	DISC WASHER	STAINLESS STEEL
15	STEM BUSH	BRASS
16	SPINDLE	STAINLESS STEEL
17	LEVER	STEEL
18	SPRING	SUP4
19	SPRING SUPPORT	BRONZE
20	STAY	STEEL
21	SUPPORT BUSH	BRONZE
22	STAY NUT	STEEL
23	NUT	STEEL
24	MACHINE SCREW	BRASS
25	SPLIT PIN	BRASS
26	MACHINE SCREW	BRASS
27	LOCK PIN	STEEL
28	PNEUMATIC CYLINDER	BRONZE
29	NAME PLATE	BRASS
30	WASHER	STEEL
32	SET SCREW	STEEL
33	NIPPLE	BRASS
34	PACKING	NON ASBESTOS
35	BONNET GASKET	NON ASBESTOS

A1-TYPE
A2-TYPE

Test Pressure (MPa)

Rating	JIS 10K
Hydrostatic press test (Shell)	0.686
Hydrostatic press test (Seat)	0.196

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L	L1	H	H1	Weight (Kg) Globe	Angle
JIS 10K (JIS F7399)	50A	50	155	120	4-19	16	220	120	335	335	20.9	20.9
	65A	65	175	140	4-19	18	270	130	395	395	30.5	30.5
	80A	80	185	150	8-19	18	300	140	420	420	35.4	35.4
	100A	100	210	175	8-19	18	350	160	510	510	55.6	55.6
	125A	125	250	210	8-23	20	420	180	570	570	98.8	92.2
	150A	150	280	240	8-23	22	490	205	660	660	134.4	115.6
	200A	200	330	290	12-23	22	570	230	780	780	211.2	180.5
	250A	250	400	355	12-25	24	740	290	860	860	350	320

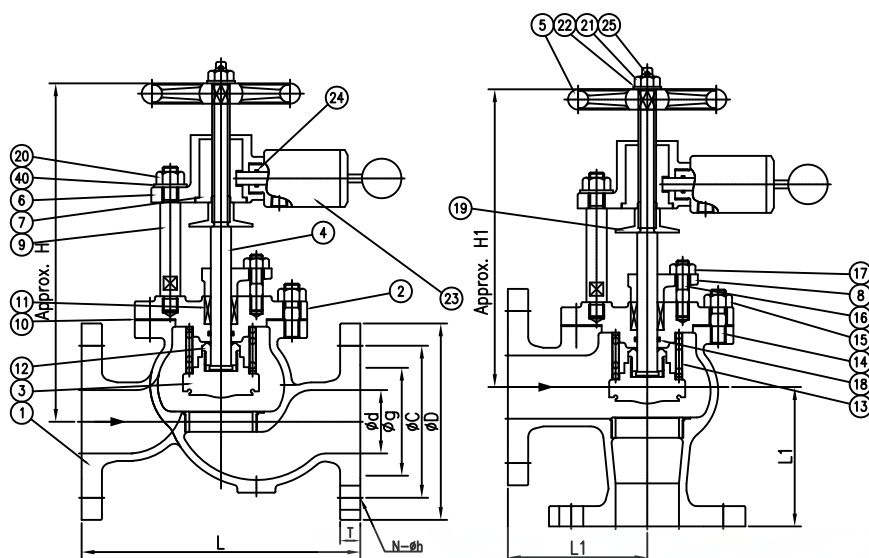
Remark : 1. The flanges of nominal diameter 40 or less shall conform to JIS B 2240 - 10K and the flanges of nominal diameter 50 or more shall conform to JIS B 2210 - 10K, however they may conform to JIS B 2240 - 5K or JIS B 2210 - 5K

It's prohibited to copy or transcribe arbitrarily.

Cast Bronze JIS valves

■ 5K,10K Hydraulic Remote Controlled Quick Closing Valves

JYV Hyd Type-01



Test Pressure (Bar)

Rating	5K	10K
Size	15A to 250A	15A to 250A
Hydrostatic press test (Shell)	7	7
Hydrostatic press test (Seat)	2	2

Bolted Bonnet Renewable seat Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	BRONZE / HIS H5120 CAC406
2	BONNET	BRONZE / JIS H5120 CAC406
3	DISC	BRONZE / BRASS
4	STEM	BRASS
5	HANDWHEEL	CAST IRON
6	YOKE	BRONZE
7	YOKE BUSH	BRASS
8	PACKING GLAND	BRONZE
9	STAY	STEEL
10	GASKET	NON ASBESTOS
11	PACKING	NON ASBESTOS
12	DISC NUT	BRASS
13	SPRING	STEEL
14	BOLT	STEEL / SS400
15	NUT	STEEL / SS400
16	STUD BOLT	STEEL / SS400
17	NUT	STEEL / SS400
18	O-RING	NBR
19	INDICATOR	BRASS
20	NUT	STEEL
21	HANDLE NUT	STEEL
22	NAME PLATE	STAINLESS STEEL
23	ACTUATOR	BRASS
24	O-RING	NBR
25	SPLIT PIN	BRASS

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L	L1	H	H1	Weight (Kg)	Globe Angle
JIS 5K	15A	15	80	60	4-12	10	110	70	200	190	8.5	8.5
	20A	25	85	65	4-12	10	120	85	200	190	8.5	8.5
	25A	25	95	75	4-12	10	120	85	200	190	8.5	8.5
	32A	32	115	90	4-15	14	160	95	230	220	12.7	12.7
	40A	40	120	95	4-15	14	160	100	235	225	12.7	12.7
	50A	50	130	105	4-15	16	220	120	265	240	25.1	20.9
	65A	65	155	130	4-15	18	270	130	305	275	36.6	30.5
	80A	80	180	145	4-19	18	300	140	325	285	42.5	38.4
	100A	100	200	165	8-19	18	350	160	370	320	66.7	60.1
	125A	125	235	200	8-19	20	420	180	400	340	123.6	115.3
	150A	150	265	230	8-19	22	490	205	450	380	168	144.5
	200A	200	320	280	8-23	22	570	230	570	470	264	225.6
	250A	250	385	345	12-23	24	740	290	600	480	420	400

Dimension Table

(Unit : mm)

Rating	Size	ød	øD	øC	N-øh	t	L	L1	H	H1	Weight (Kg)	Globe Angle
JIS 10K	15A	25	95	70	4-15	14	110	70	200	190	8.5	8.5
	20A	25	100	75	4-15	14	130	85	200	190	8.5	8.5
	25A	25	125	90	4-19	14	130	85	200	190	8.5	8.5
	32A	32	135	100	4-19	16	160	95	230	220	12.7	12.7
	40A	40	140	105	4-19	16	170	100	235	225	12.7	12.7
	50A	50	155	120	4-19	16	220	120	265	240	25.1	20.9
	65A	65	175	140	4-19	18	270	130	305	275	36.6	30.5
	80A	80	185	150	8-19	18	300	140	385	325	42.5	38.4
	100A	100	210	175	8-19	18	350	160	370	320	66.7	60.1
	125A	125	250	210	8-23	20	420	180	400	340	123.6	115.3
	150A	150	280	240	8-23	22	490	205	450	380	168	144.5
	200A	200	330	290	12-23	22	570	230	570	470	264	225.6
	250A	250	400	355	12-25	24	740	290	600	480	420	400

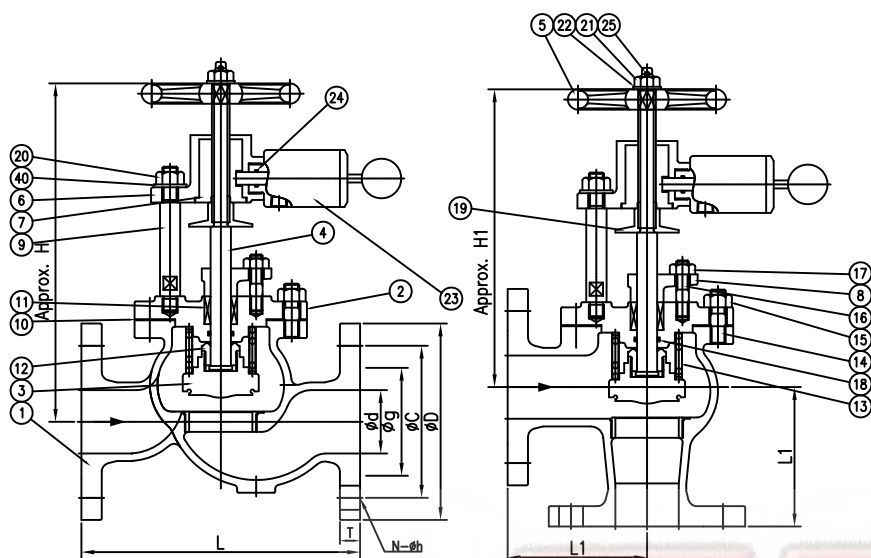
The quick-closing valves can be used for both of pneumatic and hydraulic

It's prohibited to copy or transcribe arbitrarily.

Cast Steel JIS Valves

■ 5K,10K Hydraulic Remote Controlled Quick Closing Valves

JYV Hyd Type-02



Bolted Bonnet Renewable seat Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	STEEL / JISG 5101 SC450
2	BONNET	STEEL / JIS G5101 SC450
3	DISC	SUS410
4	STEM	SUS410
5	HANDWHEEL	CAST IRON
6	YOKE	BRONZE
7	YOKE BUSH	BRASS
8	PACKING GLAND	BRONZE
9	STAY	STEEL
10	GASKET	NON ASBESTOS
11	PACKING	NON ASBESTOS
12	DISC NUT	BRASS
13	SPRING	STEEL
14	BOLT	STEEL / SS400
15	NUT	STEEL / SS400
16	STUD BOLT	STEEL / SS400
17	NUT	STEEL / SS400
18	O-RING	NBR
19	INDICATOR	BRASS
20	NUT	STEEL
21	HANDLE NUT	STEEL
22	NAME PLATE	STAINLESS STEEL
23	ACTUATOR	BRASS
24	O-RING	NBR
25	SPLIT PIN	BRASS

Test Pressure (Bar)

Rating	PN 10	PN 16
Size	15A to 250A	15A to 250A
Hydrostatic press test (Shell)	7	7
Hydrostatic press test (Seat)	2	2

Dimension Table

(Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L	L1	H	H1
JIS 5K (JIS F7399)	50A	50	130	105	4-15	16	220	120	265	240
	65A	65	155	130	4-15	18	270	130	305	275
	80A	80	180	145	4-19	18	300	140	325	285
	100A	100	200	165	8-19	18	350	160	370	320
	125A	125	235	200	8-19	20	420	180	400	340
	150A	150	265	230	8-19	22	490	205	450	380
	200A	200	320	280	8-23	22	570	230	570	470
	250A	250	385	345	12-23	24	740	290	600	480

Dimension Table

(Unit : mm)

Rating	Size	Ød	ØD	ØC	N-Øh	t	L	L1	H	H1
JIS 10K (JIS F7399)	50A	50	155	120	4-19	16	220	120	265	240
	65A	65	175	140	4-19	18	270	130	305	275
	80A	80	185	150	8-19	18	300	140	325	285
	100A	100	210	175	8-19	18	350	160	370	320
	125A	125	250	210	8-23	20	420	180	400	340
	150A	150	280	240	8-23	22	490	205	450	380
	200A	200	330	290	12-23	22	570	230	570	470
	250A	250	400	355	12-25	24	740	290	600	480

The quick-closing valves can be used for both of pneumatic and hydraulic

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