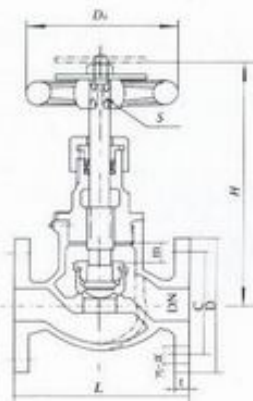


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Marine Valve JIS F7301/7351/7302/7352

MODEL NO: JIS- F7301/7351/7302/7352

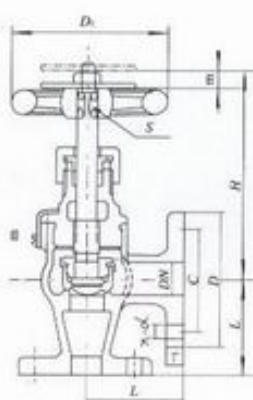


MAIN DATA FOR JOINING(mm)

DN	L	H	Flange dimensions						Hand wheel	
			D	C	t	n	d	Do	S	
15	100	130	80	60	9	4	12	80	8	
20	110	140	85	65	10	4	12	100	10	
25	120	160	95	75	10	4	12	125	10	
32	140	170	115	90	12	4	15	125	10	
40	160	190	120	95	12	4	15	140	12	
50	210	235	130	105	14	4	15	140	12	
65	250	260	155	130	14	4	15	160	14	

Marine Bronze Globe Valves JIS F7301 5K

Marine Bronze Screw Down Check Globe Valves JIS F7351 5K



MAIN DATA FOR JOINING(mm)

DN	L	H	Flange dimensions						Hand wheel	
			D	C	t	n	d	Do	S	
15	55	120	80	60	9	4	12	80	8	
20	60	130	85	65	10	4	12	100	10	
25	65	145	95	75	10	4	12	125	10	
32	80	150	115	90	12	4	15	125	10	
40	85	165	120	95	12	4	15	140	12	
50	100	200	130	105	14	4	15	140	12	
65	115	220	155	130	14	4	15	160	14	

Marine Bronze Angle Valves JIS F7302 5K

Marine Bronze Screw Down Check Angle Valves JIS F7352 5K

Applicable scope:

The products are used for preventing reflux in fuel oil piping, lubricating oil piping and water piping at temperatures 120°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Materials of major parts:

Part name	Material	
	Name	Mark
Body, Bonnet	Tin-bronze	ZQSn10-21
Disc, Seat	Albronze	QAL9-21
Packing	PTFE	SFT-2

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.761Mpa)
Intensity Pressure	10.5kgf/cm ² (1.046Mpa)

Medium	Max Pressure: kgf/cm ² (Mpa)
Oil & flow water	5 kgf/cm ² (0.49Mpa)
Lenitic water ≤ 120°C	7 kgf/cm ² (0.69Mpa)

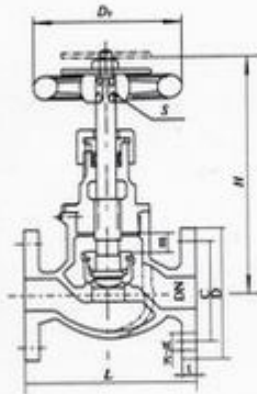


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Marine Valve JIS F7303/7409/7304/7410

MODEL NO: JIS-F7303_7409_7304_7410

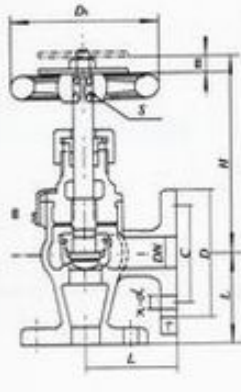


MAIN DATA FOR JOINING(mm)

DN	L	H	Flange dimensions					Hand wheel	
			D	C	t	n	d	Do	S
15	110	130	95	70	12	4	15	80	8
20	120	140	100	75	14	4	15	100	10
25	130	160	125	90	14	4	19	125	10
32	160	170	135	100	16	4	19	125	10
40	180	190	140	105	16	4	19	140	12

Marine Bronze Globe Valves JIS F7303 16K

Marine Bronze Screw Down Check Globe Valves JIS F7409 16K



MAIN DATA FOR JOINING(mm)

DN	L	H	Flange dimensions					Hand wheel	
			D	C	t	n	d	Do	S
15	70	120	95	70	12	4	15	80	8
20	75	125	100	75	14	4	15	100	10
25	85	140	125	90	14	4	19	125	10
32	90	145	135	100	16	4	19	125	10
40	100	160	140	105	16	4	19	140	12

Marine Bronze Angle Valves JIS F7304 16K

Marine Bronze Screw Down Check Angle Valves JIS F7410 16K

Applicable scope:

The products are used for preventing reflux in fuel oil piping, lubricating oil piping and water piping at temperatures 120°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

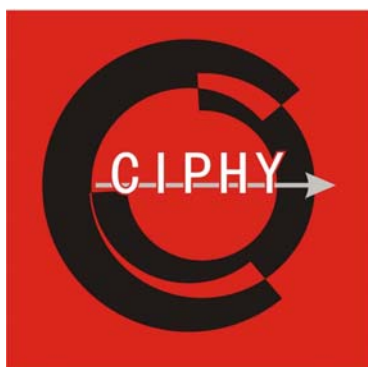
Materials of major parts:

Part name	Material	
	Name	Mark
Body, Bonnet	Tin-bronze	ZQSn10-21
Disc, Seat	Albronze	QA19-21
Packing	PTFE	SFT-2

Capability:

Nominal Pressure	16kgf/cm ² (1.56Mpa)
Seal Pressure	18kgf/cm ² (1.76Mpa)
Intensity Pressure	24kgf/cm ² (2.38Mpa)

Medium	Max Pressure kgf/cm ² (Mpa)
Oil & flow water	16 kgf/cm ² (1.57Mpa)
Lenitic water≤120°C	22 kgf/cm ² (2.16Mpa)



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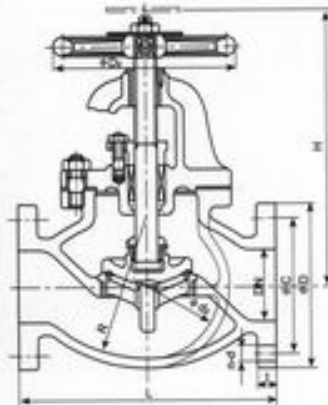
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Marine Valve JIS F7305/7353/7306/7354

MODEL NO: JIS- F7305_7353_7306_7354

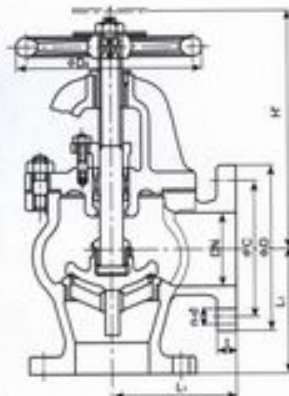


MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₂	d ₂	R	Weight (kg)
50	210	130	105	4-15	16	270	160	110	110	14.7
65	250	155	130	4-15	18	300	180	135	135	21.3
80	280	180	145	4-19	18	310	180	160	160	27.7
100	340	200	165	8-19	20	360	224	195	195	40.8
125	410	235	200	8-19	20	390	250	240	240	57.6
150	480	265	230	8-19	22	445	280	280	280	80.3
200	570	320	280	8-23	24	530	315	365	365	139
250	740	385	345	12-23	26	650	355	460	460	246
300	800	430	390	12-23	28	740	400	560	560	377

Marine Cast Iron Globe Valves JIS F7305 5K

Marine Cast Iron Screw Down Check Globe Valves JIS F7353 5K



MAIN DATA FOR JOINING(mm)

DN	L ₁	D	C	n-d	t	H'	D ₂	Weight (kg)
50	100	130	105	4-15	16	240	160	12.9
65	115	155	130	4-15	18	255	180	18.2
80	130	180	145	4-19	18	265	180	23.4
100	150	200	165	8-19	20	310	224	33.7
125	170	235	200	8-19	20	330	250	46.2
150	190	265	230	8-19	22	380	280	63.4
200	220	320	280	8-23	24	450	315	105
250	275	385	345	12-23	26	540	355	176
300	310	430	390	12-23	28	610	400	243

Marine Cast Iron Angle Valves JIS F7306 5K

Marine Cast Iron Screw Down Check Angle Valves JIS F7354 5K

Applicable scope:

The products are used for controlling the medium to open and close, preventing reflux in fuel oil piping, lubricating oil piping, water piping and steam piping at temperatures 205°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.761Mpa)
Intensity Pressure	10.5kgf/cm ² (1.03Mpa)

Materials of major parts:

Part name	Material			
	Name	Mark (B)	Name	Mark (S)
Body, Bonnet	CI/DI	HT200.QT400-15	CI/DI	HT200.QT400-15
Disc, Seat	Cast bronze	ZCuSn6Pb5Zn5	Stainless steel	2cr13
Stem	Bronze	QAI 9-2	Stainless steel	2cr13
Packing	Flexible graphite		Flexible graphite	

Medium	Max Pressure kgf/cm ² (Mpa)
Steam ≤ 205°C	5 (0.49)
Air&gas	
Oil&flow water	
Lenitic water ≤ 120°C	7 (0.69)

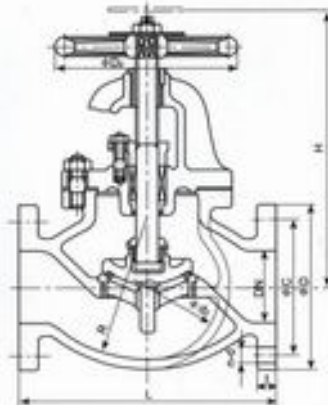


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Marine Valve JIS F7307/7375/7308/7376

MODEL NO: JIS- F7307/7375/7308/7376

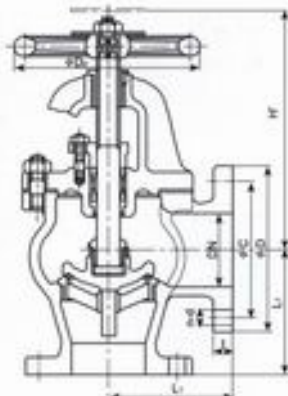


MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₂	d ₂	R	Weight (kg)
50	220	155	120	4-19	20	285	160	110	110	19.9
65	270	175	140	4-19	22	310	200	135	135	28.7
80	300	185	150	8-19	22	320	200	160	160	32.4
100	350	210	175	8-19	24	370	250	195	195	48.7
125	420	250	210	8-23	24	420	280	240	240	73.1
150	490	280	240	8-23	26	470	315	280	280	104
200	570	330	290	12-23	26	555	355	365	365	162
250	740	400	355	12-25	30	680	450	470	470	304
300	840	445	400	16-25	32	770	500	550	550	458

Marine Cast Iron Globe Valves JIS F7307 10K

Marine Cast Iron Screw Down Check Globe Valves JIS F7375 10K



MAIN DATA FOR JOINING(mm)

DN	L ₁	D	C	n-d	t	H'	D ₂	Weight (kg)
50	120	155	120	4-19	20	255	160	18.2
65	130	175	140	4-19	22	270	200	25.4
80	140	185	150	8-19	22	275	200	27.4
100	160	210	175	8-19	24	315	250	40.6
125	180	250	210	8-23	24	360	280	69.9
150	205	280	240	8-23	26	405	315	81.0
200	230	330	290	12-23	26	475	355	125
250	290	400	355	12-25	30	570	450	211
300	320	445	400	16-25	32	645	500	293

Marine Cast Iron Angle Valves JIS F7308 10K

Marine Cast Iron Screw Down Check Angle Valves JIS F7376 10K

Applicable scope:

The products are used for controlling the medium to open and close, preventing reflux in fuel oil piping, lubricating oil piping, water piping and steam piping at temperatures 205°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Capability:

Nominal Pressure	10kgf/cm ² (0.98Mpa)	
Seal Pressure	$\phi < 200$ 15.4kgf/cm ²	$\phi > 250$ 11kgf/cm ²
Intensity Pressure	$\phi < 200$ 21kgf/cm ²	$\phi > 250$ 15kgf/cm ²

Materials of major parts:

Part name	Material			
	Name	Mark (B)	Name	Mark (S)
Body, Bonnet	CI/DI	HT200.QT400-15	CI/DI	HT200.QT400-15
Disc, Seat	Cast bronze	ZCuSn6Pb5Zn5	Stainless steel	2cr13
Stem	Bronze	QA19-2	Stainless steel	2cr13
Packing	Flexible graphite		Flexible graphite	

Medium	Max Pressure kgf/cm ² (Mpa)	
Steam $\leq 205^{\circ}\text{C}$	$< \phi 200$	$< \phi 200$
Air&gas	10 (0.98)	—
Oil&flow water	$< \phi 200$ 14(1.37)	$< \phi 250$
Lenbic water $\leq 120^{\circ}\text{C}$	$< \phi 200$ 14(1.37)	10 (0.98)

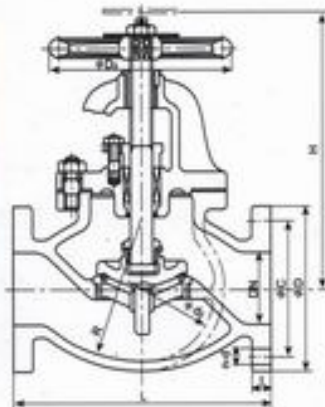


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Marine Valve JIS F7309/7377/7310/7378

MODEL NO: JIS- F7309/7377/7310/7378

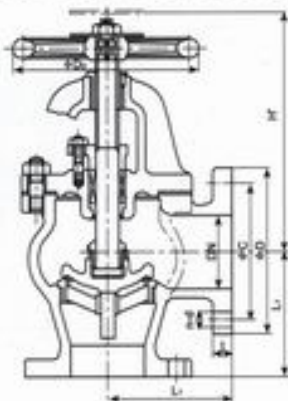


MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₂	d ₂	R	Weight (kg)
50	220	155	120	8-19	20	285	160	110	110	19.6
65	270	175	140	8-19	22	310	200	135	135	28.3
80	300	200	160	8-23	24	340	224	160	160	40.4
100	350	225	185	8-23	26	385	250	195	195	56.9
125	430	270	225	8-25	26	455	315	240	240	89.5
150	500	305	260	12-25	28	510	355	280	280	123
200	570	350	305	12-25	30	630	450	365	365	188

Marine Cast Iron Globe Valves JIS F7309 16K

Marine Cast Iron Screw Down Check Globe Valves JIS F7377 16K



MAIN DATA FOR JOINING(mm)

DN	L ₁	D	C	n-d	t	H	D ₂	Weight (kg)
50	120	155	120	8-19	20	255	160	18.0
65	130	175	140	8-19	22	270	200	25.0
80	150	200	160	8-23	24	295	224	35.7
100	170	225	185	8-23	26	330	250	49.2
125	200	270	225	8-25	26	390	315	76.1
150	225	305	260	12-25	28	435	355	103
200	250	350	305	12-25	30	540	450	155

Marine Cast Iron Angle Valves JIS F7310 16K

Marine Cast Iron Screw Down Check Angle Valves JIS F7378 16K

Applicable scope:

The products are used for controlling the medium to open and close, preventing reflux in fuel oil piping, lubricating oil piping, water piping and steam piping at temperatures 205°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

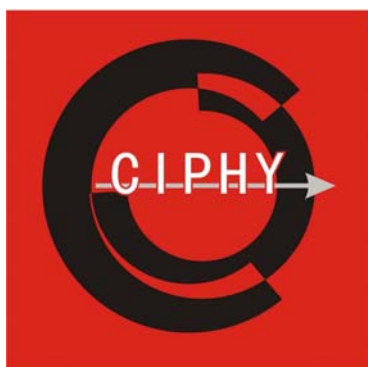
Capability:

Nominal Pressure	16kgf/cm ² (1.56Mpa)
Seal Pressure	24.2kgf/cm ² (2.38Mpa)
Intensity Pressure	33kgf/cm ² (3.24Mpa)

Materials of major parts:

Part name	Material			
	Name	Mark (B)	Name	Mark (S)
Body, Bonnet	CI/DI	HT200.QT400-15	CI/DI	HT200.QT400-15
Disc, Seat	Cast bronze	ZCuSn5Pb5Zn5	Stainless steel	2cr13
Stem	Bronze	QA19-2	Stainless steel	2cr13
Packing	Flexible graphite		Flexible graphite	

Medium	Max Pressure kgf/cm ² (Mpa)
Steam ≤ 205°C	16 (1.57)
Air&gas	
Oil&flow water	22 (2.16)
Lenitic water ≤ 120°C	



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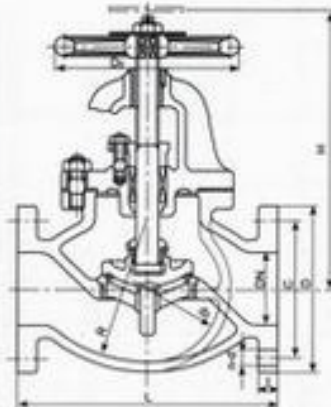
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Marine Valve JIS F7311/7312

MODEL NO: JIS- F7311/7312

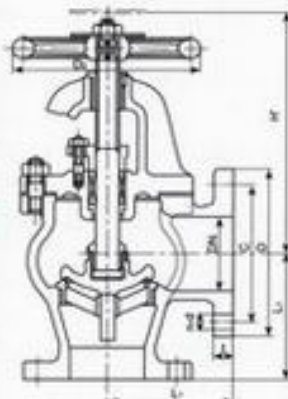


MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₂	d ₂	R	Weight (kg)
50	210	130	105	4-15	16	270	160	110	110	14.7
65	250	155	130	4-15	18	300	180	135	135	21.3
80	280	180	145	4-19	18	310	180	160	160	27.7
100	340	200	165	8-19	20	360	224	195	195	40.8
125	410	235	200	8-19	20	390	250	240	240	57.6
150	480	265	230	8-19	22	445	280	280	280	80.3
200	570	320	280	8-23	24	530	315	365	365	139
250	740	385	345	12-23	26	650	355	460	460	230
300	840	430	390	12-23	28	740	400	560	560	309

Marine Cast Steel Globe Valves JIS F7311 5K

Marine Cast Steel Screw Down Check Globe Valves JIS F7311C 5K



MAIN DATA FOR JOINING(mm)

DN	L ₁	D	C	n-d	t	H	D ₂	Weight (kg)
50	100	130	105	4-15	16	240	160	12.9
65	115	155	130	4-15	18	255	180	18.2
80	130	180	145	4-19	18	265	180	23.4
100	150	200	165	8-19	20	310	224	33.7
125	170	235	200	8-19	20	330	250	46.2
150	190	265	230	8-19	22	380	280	63.4
200	220	320	280	8-23	24	450	315	105
250	275	385	345	12-23	26	540	355	178
300	310	430	390	12-23	28	610	400	275

Marine Cast Steel Angle Valves JIS F7312 5K

Marine Cast Steel Screw Down Check Angle Valves JIS F7312C 5K

Applicable scope

The products are used for controlling the medium to open and close, preventing reflux in fuel oil piping, lubricating oil piping, water piping, gas piping and steam piping at temperatures 205°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

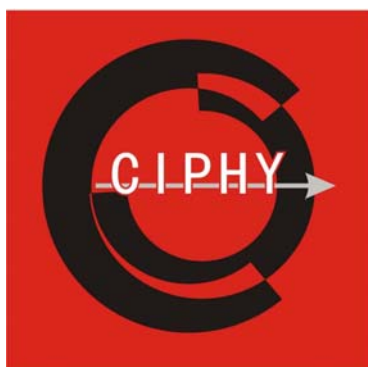
Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.761Mpa)
Intensity Pressure	10.5kgf/cm ² (1.03Mpa)

Materials of major parts

Part name	Material	
	Name	Mark
Body, Bonnet	Cast steel	ZG230-450
Disc, Seat	Stainless steel	2cr13
Stem	Stainless steel	2cr13
Packing	Flexible graphite	

Medium	Max Pressure kgf/cm ² (Mpa)
Steam ≤ 205°C	5 (0.49)
Air & gas	
Oil & low water	
Leak water ≤ 120°C	7 (0.69)

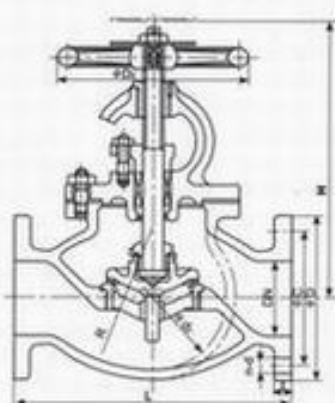


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Marine Valve JIS F7313/7473/7314/7474

MODEL NO: JIS- F7313/7473/7314/7474

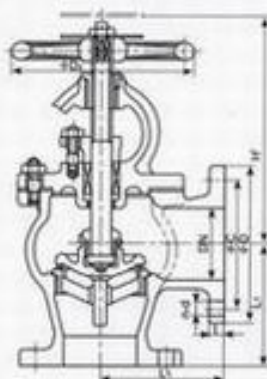


MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	Weight (kg)
32	190	135	100	4-19	18	270	14.4
40	200	140	105	4-19	18	290	16.0
50	230	155	120	8-19	18	305	21.6
65	270	175	140	8-19	20	345	30.4
80	300	200	160	8-23	22	385	43.5
100	350	225	185	8-23	24	440	62.3
125	430	270	225	8-25	26	500	95.7
150	500	305	260	12-25	28	550	133.3
200	560	350	305	12-25	30	630	296.1
250	660	430	380	12-27	34	725	339.1

Marine Cast Steel Globe Valves JIS F7313 20K

Marine Cast Steel Screw Down Check Globe Valves JIS F7473 20K



MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	Weight (kg)
32	100	135	100	4-19	18	270	13.0
40	110	140	105	4-19	18	290	15.2
50	125	155	120	8-19	18	305	20.0
65	135	175	140	8-19	20	345	26.9
80	150	200	160	8-23	22	385	38.9
100	170	225	185	8-23	24	440	54.4
125	200	270	225	8-25	26	500	80.7
150	225	305	260	12-25	28	550	112.3
200	280	350	305	12-25	30	630	183.0
250	310	430	380	12-27	34	725	285.9

Marine Cast Steel Angle Valves JIS F7314 20K

Marine Cast Steel Screw Down Check Angle Valves JIS F7474 20K

Applicable scope

The products are used for controlling the medium to open and close, preventing reflux in fuel oil piping, lubricating oil piping, water piping, gas piping and steam piping at temperatures 300°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Capability:

Nominal Pressure	2.0Mpa
Seal Pressure	3.67Mpa
Intensity Pressure	5.0Mpa

Materials of major parts

Part name	Material	
	Name	Mark
Body, Bonnet	Cast steel	ZG230-450
Disc, Seat	Stainless steel	2cr13
Stem	Stainless steel	2cr13
Packing	Flexible graphite	

Medium	Max Pressure kgf/cm ² (Mpa)
Steam ≤ 300°C	2.84Mpa
Steam ≤ 200°C	3.04Mpa
Air oil&low water	3.04Mpa
Lenitic water ≤ 120°C	3.33Mpa



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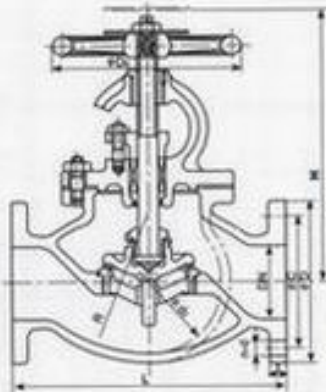
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Marine Valve JIS F7319/7471/7320/7472

MODEL NO: JIS- F7319/7471/7320/7472

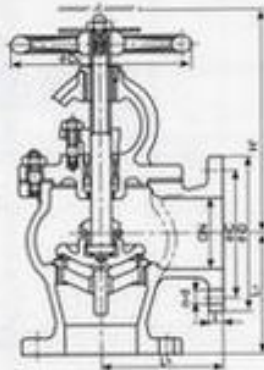


MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₂	d ₂	R	Weight (kg)
50	220	155	120	4-19	16	270	160	110	110	17.9
65	270	175	140	4-19	18	300	200	135	135	26.0
80	300	185	150	8-19	18	310	200	160	160	29.8
100	350	210	175	8-19	18	355	250	195	195	44.7
125	420	250	210	8-23	20	415	280	240	240	70.3
150	490	280	240	8-23	22	470	315	280	280	96.4
200	570	330	290	12-23	22	565	355	365	365	159
250	740	400	355	12-25	24	645	400	470	470	257
300	840	445	400	16-25	24	735	450	550	550	370

Marine Cast Steel Globe Valves JIS F7319 10K

Marine Cast Steel Screw Down Check Globe Valves JIS F7471 10K



MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₂	Weight (kg)
50	120	155	120	4-19	16	240	160	16.3
65	130	175	140	4-19	18	260	200	23.0
80	140	185	150	8-19	18	265	200	25.3
100	160	210	175	8-19	18	300	250	37.0
125	180	250	210	8-23	20	350	280	57.1
150	205	280	240	8-23	22	400	315	77.2
200	230	330	290	12-23	22	480	355	116
250	290	400	355	12-25	24	535	400	188
300	320	445	400	16-25	24	610	450	256

Marine Cast Steel Angle Valves JIS F7320 10K

Marine Cast Steel Screw Down Check Angle Valves JIS F7472 10K

Applicable scope:

The products are used for controlling the medium to open and close, preventing reflux in fuel oil piping, lubricating oil piping, water piping, air piping, gas piping and steam piping at temperatures 300°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Capability:

Nominal Pressure	10kgf/cm ² (0.98Mpa)
Seal Pressure	15.4kgf/cm ² (1.51Mpa)
Intensity Pressure	21kgf/cm ² (2.06Mpa)

Materials of major parts:

Part name	Material	
	Name	Mark
Body, Bonnet	Cast steel	ZG230-450
Disc, Seat	Stainless steel	2cr13
Stem	Stainless steel	2cr13
Packing	Flexible graphite	

Medium	Max Pressure kgf/cm ² (Mpa)
Steam ≤ 300°C	2.84Mpa
Steam ≤ 200°C	3.04Mpa
Air oil & flow water	3.04Mpa
Lenitic water ≤ 120°C	3.33Mpa



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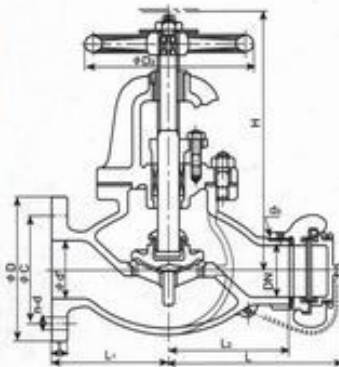
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Marine Valve JIS F7333

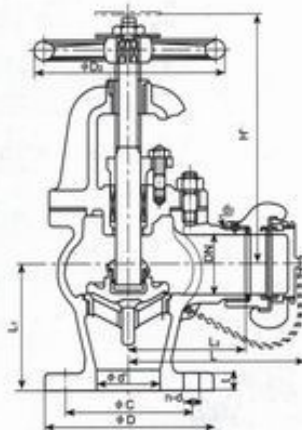
MODEL NO: JIS-F7333



MAIN DATA FOR JOINING(mm)

DN	K	d'	L	D	C	n-d	t	H	D ₂	d ₃	L ₁	L ₂	Weight (kg)
50	5	50	165	130	105	4-15	16	270	160	M64X2	105	110	14.7
	10	50	170	155	120	4-19	20	285	160	M64X2	110	115	18.9
65	10	65	200	175	140	4-19	22	310	200	M80X2	135	140	28.2

Marine Cast Iron Globe Hose Valves JIS F7333 5K



MAIN DATA FOR JOINING(mm)

DN	K	d'	L	D	C	n-d	t	H	D ₂	d ₃	L ₁	L ₂	Weight (kg)
50	5	50	155	130	105	4-15	16	255	160	M64X2	100	110	12.8
	10	50	170	155	120	4-19	20	255	160	M64X2	120	115	17.0
65	10	65	185	175	140	4-19	22	270	200	M80X2	130	125	24.3

Marine Cast Iron Angle Hose Valves JIS F7333 5K/10K

Applicable scope:

The products are used for fire controlling with seawater for shipping. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Materials of major parts:

Part name	Material			
	Name	Mark (B)	Name	Mark (B)
Body, Bonnet	CI/DI	HT200.QT400-15	CI/DI	HT200.QT400-15
Disc, Seat	Cast bronze	ZCuSn5Pb5Zn5	Stainless steel	2cr13
Stem	Bronze	QA1 9-2	Stainless steel	2cr13
Packing	Flexible graphite		Flexible graphite	

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)	10kgf/cm ² (0.98Mpa)
Seal Pressure	7.7kgf/cm ² (0.76Mpa)	15.4kgf/cm ² (1.51Mpa)
Intensity Pressure	10.5kgf/cm ² (1.03Mpa)	21kgf/cm ² (2.06Mpa)

Medium	Max Pressure: kgf/cm ² (Mpa)	
	5k	10k
flow water	5kgf/cm ² (0.49MPa)	10kgf/cm ² (0.98MPa)
Lenitic water ≤ 120°C	7kgf/cm ² (0.69MPa)	14kgf/cm ² (1.37MPa)

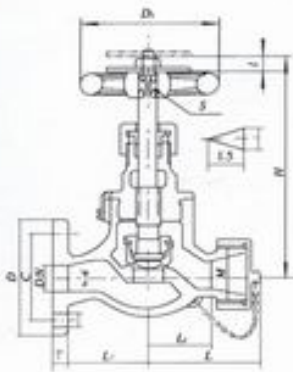


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Marine Valve JIS F7334

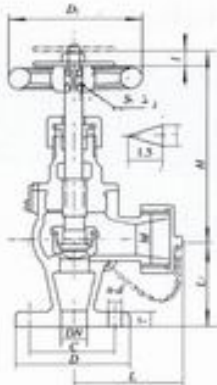
MODEL NO: JIS-F7334



MAIN DATA FOR JOINING(mm)

DN	MPa	L	L ₁	L ₂	Flange dimensions					H	D ₂	S	M	Weight (kg)
					D	C	t	n	d					
15	0.5	73	50	60	80	60	9	4	12	130	80	8	M20	2.51
15	1.0	73	55	60	95	70	12	4	15	130	80	8	M20	2.76
25	0.5	78	60	65	95	75	10	4	12	160	125	10	M22	3.55
25	1.0	83	65	70	125	90	14	4	19	160	125	10	M22	4.15

Marine Bronze Globe Hose Valves JIS F7334 5K/10K



MAIN DATA FOR JOINING(mm)

DN	MPa	L	L ₁	L ₂	Flange dimensions					H	D ₂	S	M	Weight (kg)
					D	C	t	n	d					
15	0.5	68	55	55	80	60	9	4	12	120	80	8	M20	2.41
15	1.0	73	70	60	95	70	12	4	15	120	80	8	M20	2.72
25	0.5	78	65	65	95	75	10	4	12	145	125	10	M22	3.44
25	1.0	83	85	70	125	90	14	4	19	145	125	10	M22	4.04

Marine Bronze Angle Hose Valves JIS F7334 5K/10K

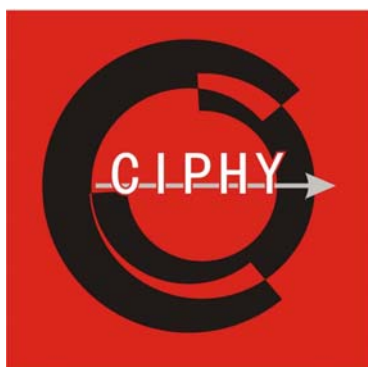
Instruction: Manufactured according to JISF7400 standards The valve material can be chosen by customers.

Materials of major parts:

Part name	Material	
	Name	Mark
Body, Bonnet	Tin-bronze	ZQSn10-21
Disc, Seat	Albronze	QAL9-21
Packing	PTFE	SFT-2

Capability:

Nominal Pressure (Map)	Test pressure(MPa)		
	Seal Pressure	Intensity Pressure	Water Pressure Test
0.49	0.75	1.03	0.69
0.98	1.50	2.06	1.37

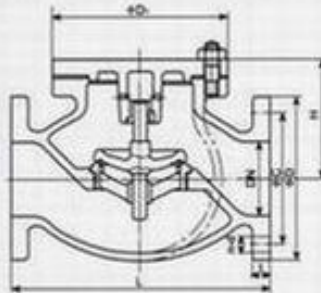


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Marine Valve JIS F7358/7359

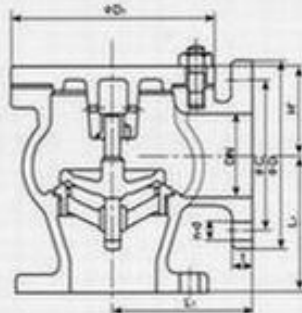
MODEL NO: JIS- F7358/7359



MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H'	D ₁	Weight (kg)
50	210	130	105	4-15	16	107	140	11.3
65	250	155	130	4-15	18	124	160	16.8
80	280	180	145	4-19	18	129	190	23.2
100	340	200	165	8-19	20	146	215	32.5
125	410	235	200	8-19	20	166	245	48.1
150	480	265	230	8-19	22	188	270	67.9
200	570	320	280	8-23	24	212	335	115.0

Marine Cast Iron Lift Check Globe Valves JIS F7358 5K



MAIN DATA FOR JOINING(mm)

DN	L ₁	D	C	n-d	t	H'	D ₁	Weight (kg)
50	100	130	105	4-15	16	77	140	9.5
65	115	155	130	4-15	18	81	160	13.8
80	130	180	145	4-19	18	84	190	18.9
100	150	200	165	8-19	20	96	215	25.6
125	170	235	200	8-19	20	108	245	36.7
150	190	265	230	8-19	22	125	270	50.9
200	220	320	280	8-23	24	157	335	95

Marine Cast Iron Lift Check Angle Valves JIS F7359 5K

Applicable scope:

The products are used for preventing reflux in fuel oil piping, lubricating oil piping and water piping at temperatures 120°C or less. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Materials of major parts:

Part name	Material			
	Name	Mark	Name	Mark
Body, Bonnet	Cast iron	HT200	Cast iron	QT400-15
Disc, Seat	Stainless steel	2Cr13		

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.761Mpa)
Intensity Pressure	10.5kgf/cm ² (1.046Mpa)

Medium	Max Pressure kgf/cm ² (Mpa)
Oil&flow water	5 kgf/cm ² (0.49Mpa)
Lenitic water ≤ 120°C	7 kgf/cm ² (0.69Mpa)

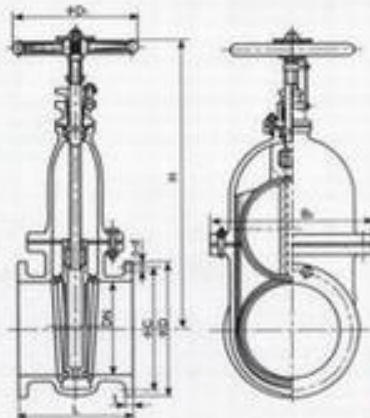


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SHANGHAI CIPHY INDUSTRY CO.,LTD.

Marine Valve JIS F7363/7364/7369

MODEL NO: JIS- F7363/7364/7369



Marine Cast Iron Gate Valves
JIS F7363/7364/7369 5K/10K/16K

Applicable scope

The JIS marine valve are used for controlling the medium to open and close in fuel oil piping ,lubricating,water,steam piping at temperatures 120°C or less.Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Materials of major parts:

Part name	Material			
	Name	Mark (B)	Name	Mark (B)
Body, Bonnet	CI/DI	HT200 QT400-15	CI/DI	HT200 QT400-15
Disc, Seat	Cast bronze	ZCuSn6Pb2Zn6	Stainless steel	2cr13
Stem	Bronze	QA19-2	Stainless steel	2cr13
Packing	Flexible graphite		Flexible graphite	

MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₁	B ₂	Weight (kg)
65	220	175	140	8-19	22	350	160	192	30.4
80	234	200	160	8-23	24	400	180	212	36.3
100	254	225	185	8-23	26	450	200	245	50.4
125	274	270	225	8-25	28	520	224	285	72.5
150	294	305	260	12-25	28	580	250	320	94.6
200	328	350	305	12-25	30	700	315	400	149.6
250	388	430	380	12-27	34	840	400	488	243.6

Capability:

Nominal Pressure	16 kgf/cm ² (1.57Mpa)
Seal Pressure	17.6 kgf/cm ² (1.73Mpa)
Intensity Pressure	24 kgf/cm ² (2.36Mpa)

MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₁	B ₂	Weight (kg)
50	180	130	105	4-15	16	285	125	153	13.5
65	190	155	130	4-15	18	330	140	172	19.0
80	200	180	145	4-19	18	380	160	195	24.2
100	230	200	165	8-19	20	430	180	230	35.3
125	250	235	200	8-19	20	495	200	265	48.1
150	270	265	230	8-19	22	560	224	295	65.3
200	290	320	280	8-23	24	680	280	365	103
250	330	385	345	12-23	26	800	355	438	164

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.76Mpa)
Intensity Pressure	10.5kgf/cm ² (1.03Mpa)

Medium	Max Pressure kgf/cm ²	
Saturation steam	φ< 200 3 kgf/cm ²	φ< 250 2 kgf/cm ²
Oil & flow water	5 kgf/cm ²	
Lentic water ≤ 120°C	7 kgf/cm ²	

MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₁	B ₂	Weight (kg)
50	200	155	120	4-19	20	300	140	160	19.4
65	220	175	140	4-19	22	350	160	192	27.6
80	230	185	150	8-19	22	400	180	212	33.0
100	250	210	175	8-19	24	450	200	245	45.8
125	270	250	210	8-23	24	520	224	285	65.9
150	290	280	240	8-23	26	580	250	320	86.0
200	320	330	290	12-23	26	700	315	400	136
250	380	400	355	12-25	30	840	400	488	230

Capability:

Nominal Pressure	10 kgf/cm ² (0.98Mpa)
Seal Pressure	15.4 kgf/cm ² (0.76Mpa)
Intensity Pressure	21 kgf/cm ² (1.03Mpa)

Medium	Max Pressure kgf/cm ²	
Saturation steam	φ< 200 5 kgf/cm ²	φ< 250 3 kgf/cm ²
Oil & flow water	10 kgf/cm ²	
Lentic water ≤ 120°C	14 kgf/cm ²	

Medium	Max Pressure kgf/cm ²	
Saturation steam	φ< 200 8 kgf/cm ²	φ< 250 5 kgf/cm ²
Oil & flow water	16 kgf/cm ²	
Lentic water ≤ 120°C	21 kgf/cm ²	

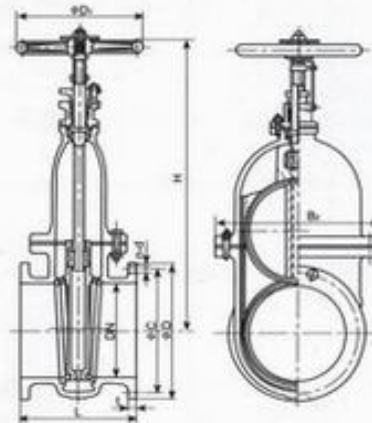


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Marine Valve JIS F7363c/7366

MODEL NO: JIS- F7363C/7366



Marine Cast Steel Gate Valves JIS7363C 5K
Marine Cast Steel Gate Valves JIS7366 10K

MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	D ₁	B ₂	Weight (kg)
50	180	130	105	4-15	16	285	125	153	13.5
65	190	155	130	4-15	18	330	140	172	19.0
80	200	180	145	4-19	18	380	160	195	24.2
100	230	200	165	8-19	20	430	180	230	35.3
125	250	235	200	8-19	20	495	200	265	48.1
150	270	265	230	8-19	22	560	224	295	65.3
200	290	320	280	8-23	24	680	280	365	103
250	330	385	345	12-23	26	800	355	438	164
300	370	430	390	12-23	28	920	400	520	236

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.76Mpa)
Intensity Pressure	10.5kgf/cm ² (1.03Mpa)

Medium	Max Pressure kgf/cm ²	
Saturation steam	$\phi < 200$ 3 kgf/cm ²	$\phi < 250$ 2 kgf/cm ²
Oil&flow water	5 kgf/cm ²	
Lentic water $\leq 120^{\circ}\text{C}$	7 kgf/cm ²	

Applicable scope

The JIS marine valve are used for controlling the medium to open and close in fuel oil piping ,lubricating,water,steam piping at temperatures 120°C or less.Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

MAIN DATA FOR JOINING(mm)

DN	L	D	C	z-h	t	H	D ₁	B ₂	Weight (kg)
50	200	155	120	4-19	16	300	140	160	17.1
65	220	175	140	4-19	18	350	160	192	26.5
80	230	185	150	8-19	18	400	180	212	31.5
100	250	210	175	8-19	18	450	200	245	44.9
125	270	250	210	8-23	20	520	224	285	63.2
150	290	280	240	8-23	22	580	250	320	82.3
200	310	330	290	12-23	22	700	315	400	130
250	340	400	355	12-25	24	840	400	488	203
300	380	445	400	16-25	24	960	450	525	291

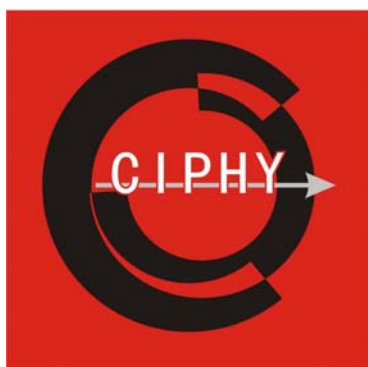
Capability:

Nominal Pressure	10 kgf/cm ² (0.49Mpa)
Seal Pressure	15.4 kgf/cm ² (0.76Mpa)
Intensity Pressure	21 kgf/cm ² (1.03Mpa)

Medium	Max Pressure kgf/cm ²	
Saturation steam	$\phi < 200$ 5 kgf/cm ²	$\phi < 250$ 3 kgf/cm ²
Oil&flow water	10 kgf/cm ²	
Lentic water $\leq 120^{\circ}\text{C}$	14 kgf/cm ²	

Materials of major parts

Part name	Material	
	Name	Mark
Body, Bonnet	Cast steel	ZG230-450
Disc, Seat	Stainless steel	2cr13
Stem	Stainless steel	2cr13
Packing	Flexible graphite	



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Marine Valve JIS F7371/7367/7368

MODEL NO: JIS- F7371/7367/7368



JIS. F7367 JIS. F7368

Marine Bronze Rising Stem Type GateValves JIS F7367 5K

MAIN DATA FOR JOINING(mm)

Size	Face to Face	Flange Diam	Flange Bolt Hole			Weight Kgs
			Pitch	Number	Hole	
15	90	80	60	4	12	2.29
20	100	85	65	4	12	2.98
25	110	95	75	4	12	4.10
32	130	115	90	4	15	5.79
40	140	120	95	4	15	7.78

Marine Bronze Rising Stem Type GateValves JIS F7368 10K

MAIN DATA FOR JOINING(mm)

Size	Face to Face	Flange Diam	Flange Bolt Hole			Weight Kgs
			Pitch	Number	Hole	
15	110	95	70	4	15	2.96
20	120	100	75	4	15	3.89
25	130	125	90	4	19	5.82
32	160	135	100	4	19	7.52
40	180	140	105	4	19	9.71

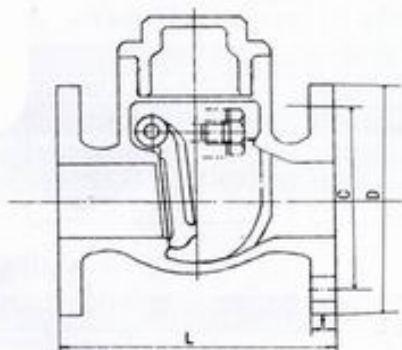


JIS. F7371

Marine Bronze Swing Check Valves JIS F7371 5K

MAIN DATA FOR JOINING(mm)

Size	Face to Face	Flange Diam	Flange Bolt Hole			Weight Kgs
			Pitch	Number	Hole	
25	110	95	75	4	12	2.24
32	130	115	90	4	15	3.07
40	140	120	95	4	15	4.34



Materials of major parts

Part name	Material	
	Name	Mark
Body, Bonnet	Tin-bronze	ZQSn10-21
Disc, Seat	Albronze	QA19-21
Packing	PTFE	SFT-2

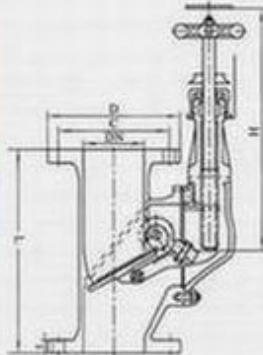


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Marine Valve JIS F3060

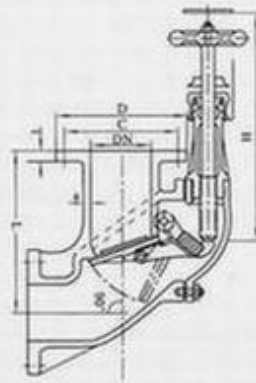
MODEL NO: JIS-F3060



MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	Weight (kg)
50	210	130	105	4-15	14	131	14.7
65	240	155	130	4-15	14	141	21.3
80	260	180	145	4-19	14	155	27.7
100	280	200	165	8-19	16	171	40.8
125	330	235	200	8-19	16	195	57.6
150	360	265	230	8-19	18	212	80.3

Cast Steel Down Storm Valves for Marine JIS F3060 5K



MAIN DATA FOR JOINING(mm)

DN	L	D	C	n-d	t	H	Weight (kg)
50	170	130	105	4-15	14	131	13.0
65	190	155	130	4-15	14	141	19.0
80	220	180	145	4-19	14	155	23.8
100	250	200	165	8-19	16	171	29.6
125	270	235	200	8-19	16	195	50.0
150	340	265	230	8-19	18	212	67.0

Cast Steel Down Storm Valves for Marine JIS F3060R 5K

Applicable scope:

The JIS Down Storm Valve are used for controlling the medium to open and close and preventing refluece in seawater and fleshwater piping. Dimensions of flange are according to JIS B2220 flange dimensions of steel pipe.

Capability:

Nominal Pressure	5kgf/cm ² (0.49Mpa)
Seal Pressure	7.7kgf/cm ² (0.761Mpa)
Intensity Pressure	10.5kgf/cm ² (1.03Mpa)



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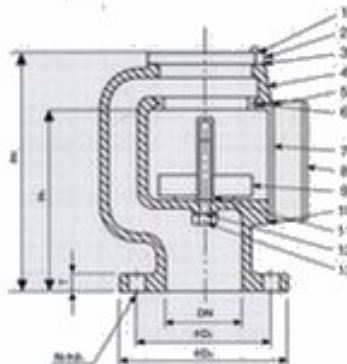
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Marine Valve JIS-KS91A-121

MODEL NO: JIS-KS91A-121



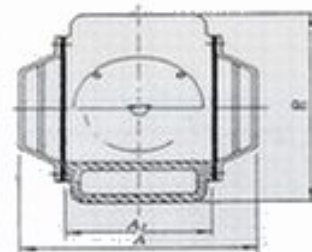
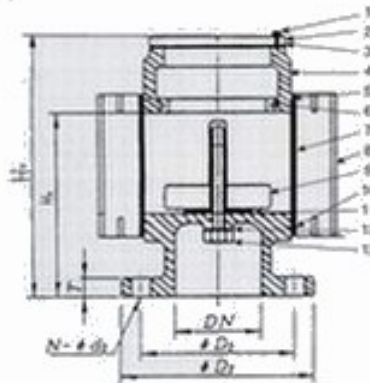
JIS-KS91A-121 DN50-DN80



53ON DN50-DN200



JIS-KS91A-121 DN100-DN450



MAIN DATA FOR JOINING(mm)

Dimensions (mm)										Weight (kg)
DN	D ₁	D ₂	H ₁	H ₂	T	N	A	A ₁	R	
50	105	130	175	127	14	4-Ø15	179	139	135	7.4
65	130	155	204	164	14	4-Ø15	205	160	146	12.6
80	145	180	244	176	14	4-Ø15	237	188	156	16
100	165	200	220	160	16	8-Ø19	245	155	250	23
125	200	235	250	180	16	8-Ø19	270	180	288	34
150	230	265	285	208	18	8-Ø19	316	216	330	47
200	280	320	365	269	20	8-Ø23	394	274	432	72
250	345	385	430	314	22	12-Ø23	485	325	546	120
300	390	430	530	367	22	12-Ø23	550	384	616	178
350	435	480	570	415	24	12-Ø23	661	425	714	196
400	495	540	640	475	24	12-Ø23	703	457	749	235
450	555	605	713	522	24	12-Ø23	816	510	836	298

Item	Name	Materials
1	Hex Bolt	STS 304
2	Cover	SS 400
3	Asbestos Cushion	Asbestos
4	Body	FC 200, FCD 450
5	Hex Bolt	STS 304
6	Rubber Ring	NBR
7	Flite	STS 304
8	Screen Cover	SS 400
9	Stainless Float	STS 316
10	Hex Bolt	STS 304
11	Rubber Cushion	NBR
12	Cushion	STS 304
13	Guide bolt	STS 304



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