



MARINE VALVES

JIS TYPE

B

JIS MARINE Valves

Cryogenic valves are widely used throughout the world, from liquefaction plants, to liquefied gas carries, receiving tank terminals as well as peak shaving plants, in a critical and hazardous service conditions down to the temperature as low as -196°C .

All valves are tested at cryogenic temperature which can examine the performance as critical as in an actual service condition.

01

Cryogenic Globe Valves

01

02

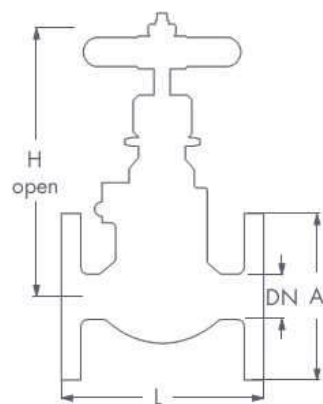
Cryogenic Gate Valves

14

03

Cryogenic Check Valves

19



F7301
Bronze Body
Bronze/Brass Disc
JIS Marine
Globe Valve
Flanged JIS 5K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- 15 40mm Secured screwed bonnet
- 50 65mm Bolted bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

Pressure & Temperature

Non shock water:

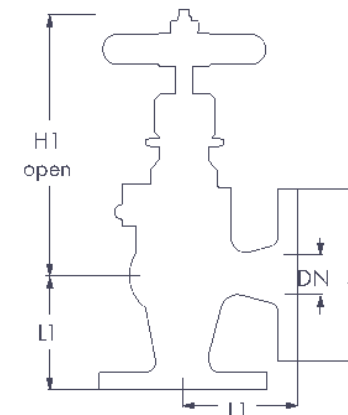
7 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:

5 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65
L	100	110	120	140	160	210	250
H	130	140	160	170	190	235	260
A	80	85	95	115	120	130	155
PCD	60	65	75	90	95	105	130
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15	4 x 15	4 x 15
Weight Kg	2.02	2.86	3.54	5	6.48	11.7	17

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7302
Bronze Body
Bronze/Brass Disc
Angled
JIS Marine
Globe Valve
Flanged JIS 5K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- 15 40mm Secured screwed bonnet
- 50 65mm Bolted bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

Pressure & Temperature

Non shock water:

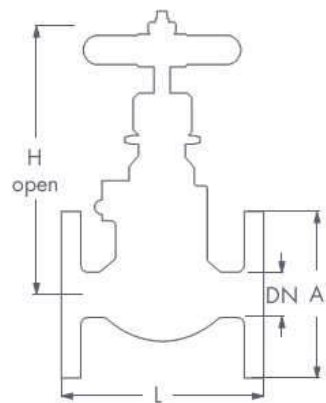
7 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:

5 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65
L1	55	60	65	80	85	100	115
H1	120	130	145	150	165	200	220
A	80	85	95	115	120	130	155
PCD	60	65	75	90	95	105	130
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15	4 x 15	4 x 15
Weight Kg	1.98	2.73	3.44	4.77	5.99	10.10	15.60

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7303
Bronze Body
Bronze/Brass Disc
JIS Marine
Globe Valve
Flanged JIS 16K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 16K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Secured screwed bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

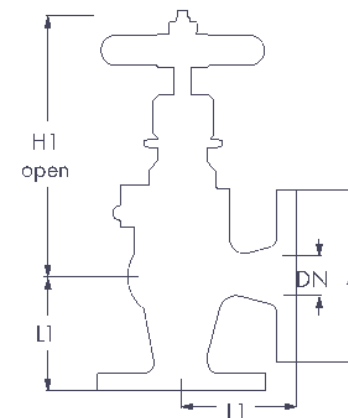
Pressure & Temperature

Non shock water:
22 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:
16 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40
L	110	120	130	160	180
H	130	140	160	170	190
A	95	100	125	135	140
PCD	70	75	90	100	105
Holes	4 x 15	4 x 15	4 x 19	4 x 15	4 x 19
Weight Kg	2.76	3.72	5.20	6.91	8.43

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7304
Bronze Body
Bronze/Brass Disc
Angled
JIS Marine
Globe Valve
Flanged JIS 16K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 16K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- 15 40mm Secured screwed bonnet
- 50 65mm Bolted bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

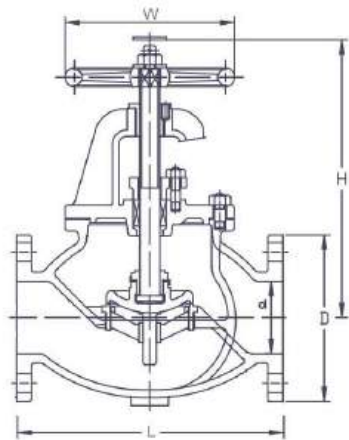
Pressure & Temperature

Non shock water:
22 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:
16 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40
L1	70	75	85	95	100
H1	120	130	145	150	165
A	95	100	125	135	140
PCD	70	75	90	100	105
Holes	4 x 15	4 x 15	4 x 19	4 x 15	4 x 19
Weight Kg	2.73	3.65	5.16	6.72	8.13

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7311

**Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Globe Valve
Flanged JIS 5K**



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Bolted bonnet
- Gland sealed
- Rising stem

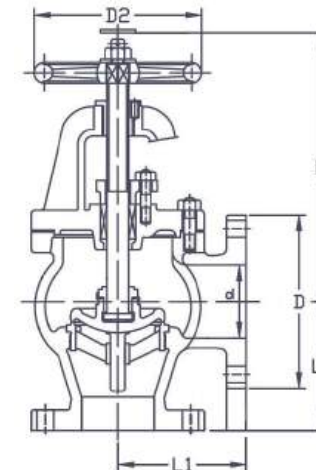
Pressure & Temperature

Non shock water:
7 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:
5 Bar @ 205°C

DN	50	65	80	100	125	150	200	250	300
L	210	250	280	340	410	480	570	740	840
H (open)	270	300	310	360	390	445	530	795	930
W	160	180	180	224	250	280	315	355	400
d	50	65	80	100	125	150	200	250	300
D	130	155	180	200	235	265	320	385	430
PCD	105	130	145	165	200	230	280	345	390
Holes	4 x 15	4 x 15	4 x 19	8 x 19	8 x 19	8 x 19	8 x 23	12 x 23	12 x 23
Weight Kg	16.2	23.4	30	45	63	88	153	230	309

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7312

**Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Angled
Globe Valve
Flanged JIS 5K**



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Bolted bonnet
- Gland sealed
- Rising stem

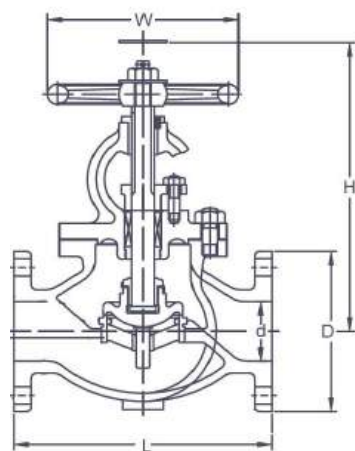
Pressure & Temperature

Non shock water:
7 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:
5 Bar @ 205°C

DN	50	65	80	100	125	150	200	250	300	350	400
L1	100	115	130	150	170	190	220	275	310	360	395
H (open)	240	255	265	310	330	380	450	540	610	690	770
W	160	180	180	224	250	280	315	355	400		
d	50	65	80	100	125	150	200	250	300	350	400
D	130	155	180	200	235	265	320	385	430	480	540
PCD	105	130	145	165	200	230	280	345	390	435	495
Holes	4 x 15	4 x 15	4 x 19	8 x 19	8 x 19	8 x 19	8 x 23	12 x 23	12 x 23	12 x 25	16 x 25
Weight Kg	12.9	18.2	23.4	33.7	46.2	63.4	105	178	275	357	501

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7313
Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Globe Valve
Flanged JIS 20K



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 20K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Bolted bonnet
- Gland sealed
- Rising stem

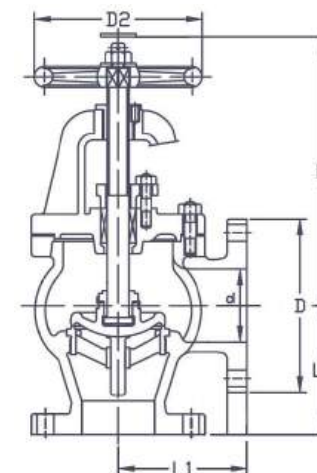
Pressure & Temperature

34 bar @ 0 to 120°C

31 bar @ 220°C

DN	50	65	80	100	125	150	200	250
L	230	270	300	350	430	500	560	660
H (open)	305	345	385	440	500	550	630	725
W	200	224	250	280	315	365	450	560
d	50	65	80	100	125	150	200	250
D	155	175	200	225	270	305	350	380
PCD	120	140	160	185	225	260	305	380
Holes	8 x M18	8 x M18	8 x M22	8 x M22	8 x M24	8 x M24	12 x M24	12 x M26
Weight Kg	21.6	30.4	43.5	62.3	94.8	132	204	336

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7314
Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Angled
Globe Valve
Flanged JIS 20K



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 20K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Bolted bonnet
- Gland sealed
- Rising stem

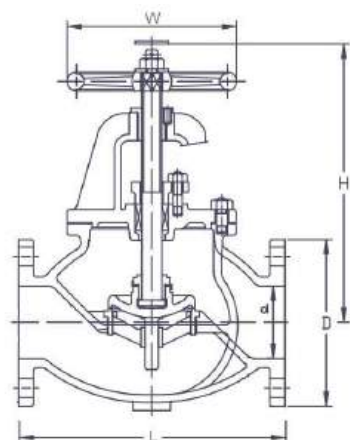
Pressure & Temperature

34 bar @ 0 to 120°C

31 bar @ 220°C

DN	50	65	80	100	125	150	200	250
L1	125	135	150	170	200	225	280	310
H (open)	275	305	340	385	440	485	540	560
W	200	224	250	280	315	365	450	560
d	50	65	80	100	125	150	200	250
D	155	175	200	225	270	305	350	380
PCD	120	140	160	185	225	260	305	380
Holes	8 x M18	8 x M18	8 x M22	8 x M22	8 x M24	8 x M24	12 x M24	12 x M26
Weight Kg	20.0	26.9	38.9	54.4	79.9	111	181	283

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7319
Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Globe Valve
Flanged JIS 10K



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

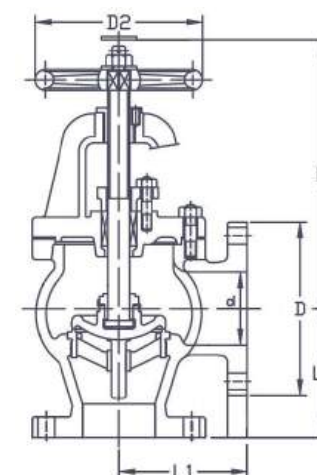
- JIS 10K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Bolted bonnet
- Gland sealed
- Rising stem

Pressure & Temperature

12 bar @ 0 to 120°C
14 bar @ 220°C

DN	50	65	80	100	125	150	200	250	300
L	220	270	300	350	420	490	570	740	840
H (open)	270	300	310	360	390	445	530	795	930
W	160	200	200	250	280	315	355	400	450
d	50	65	80	100	125	150	200	250	300
D	155	175	185	210	250	280	330	400	445
PCD	120	140	150	175	210	240	290	355	400
Holes	4 x M16	4 x M16	8 x M16	8 x M16	8 x M20	8 x M20	12 x M20	12 x M22	16 x M22
Weight Kg	17.9	26.0	29.8	44.7	70.3	96.4	159.0	257.0	370.0

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7320
Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Angled
Globe Valve
Flanged JIS 10K



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

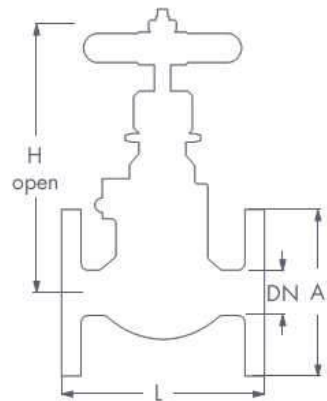
- JIS 10K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- Bolted bonnet
- Gland sealed
- Rising stem

Pressure & Temperature

14 bar @ 0 to 120°C
12 bar @ 220°C

DN	50	65	80	100	125	150	200	250	300	350	400
L1	120	130	140	160	180	205	230	290	320	360	420
H (open)	255	270	275	315	360	405	475	570	645	710	790
W	200	224	250	280	315	355	450	560			
d	50	65	80	100	125	150	200	250	300	350	400
D	155	175	185	210	250	280	330	400	445	490	560
PCD	120	140	150	175	210	240	290	355	400	445	510
Holes	4 x M16	4 x M16	8 x M16	8 x M16	8 x M20	8 x M20	12 x M20	12 x M22	16 x M24	16 x M24	16 x M26
Weight Kg	16.3	23.0	25.3	37.0	57.1	77.2	116	188	256	357	501

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7351
Bronze Body
Bronze/Brass Disc
Screw Down Non Return
JIS Marine
Globe Valve
Flanged JIS 5K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- 15 40mm Secured screwed bonnet
- 50 65mm Bolted bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

Pressure & Temperature

Non shock water:

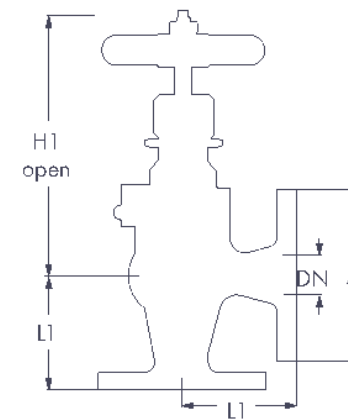
7 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:

5 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65
L	100	110	120	140	160	210	250
H	130	140	160	170	190	235	260
A	80	85	95	115	120	130	155
PCD	60	65	75	90	95	105	130
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15	4 x 15	4 x 15
Weight Kg	2.02	2.86	3.54	5	6.48	11.7	17

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7352
Bronze Body
Bronze/Brass Disc
Screw Down Non Return
Angled
JIS Marine
Globe Valve
Flanged JIS 5K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- 15 40mm Secured screwed bonnet
- 50 65mm Bolted bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

Pressure & Temperature

Non shock water:

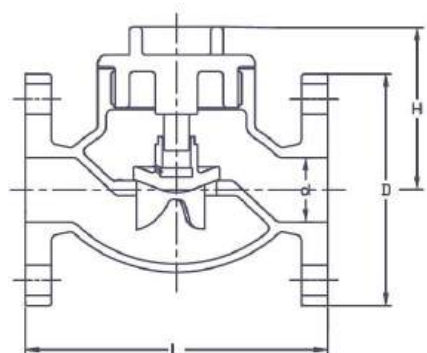
7 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:

5 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65
L1	55	60	65	80	85	100	115
H1	120	130	145	150	165	200	220
A	80	85	95	115	120	130	155
PCD	60	65	75	90	95	105	130
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15	4 x 15	4 x 15
Weight Kg	1.98	2.73	3.44	4.77	5.99	10.10	15.60

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7356
Bronze
Metal Seat
Lift Type
Check (Non Return) Valve
Flanged
JIS 5K



A bronze lift type check (non return) valve with a bronze disc conforming JIS Japanese specifications. It must be fitted in the horizontal position.

Features, Benefits & Approvals

- JIS 5K specifications
- Lift type
- Screwed bonnet
- Bronze body & disc

Pressure & Temperature

Non shock water:

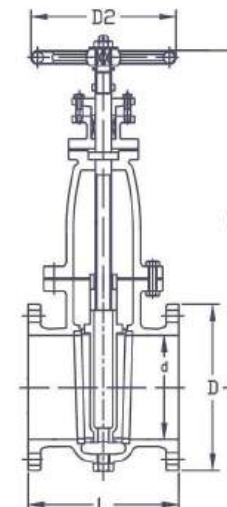
7 Bar @ 120°C

Oil & Pulsating Water:

5 Bar

SIZE	15	20	25	32	40
L	120	120	120	140	160
H	77	77	77	81	91
d	15	20	25	32	40
D	80	85	95	115	120
PCD	60	65	75	90	95
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15
Weight Kg	2.39	2.39	2.39	3.80	4.95

MATERIALS	
Body	Bronze
Bonnet	Bronze
Disc	Bronze
Plug	Brass / Stainless Steel



F7363
Cast Iron
JIS
Gate Valve
Flanged JIS 5K



Non rising stem, metal seated gate valve to JIS Japanese specifications, suitable for cold and hot water, saturated steam, oil and other neutral non aggressive liquids.

Features, Benefits & Approvals

- JIS 5K specifications
- Bolted bonnet
- Inside screw with non rising stem
- Open & shut indicator

Pressure & Temperature

Non shock water:

DN50 400 : 7 Bar @ 120°C
DN450 600 : 5 Bar @ 120°C

Oil & Pulsating Water:

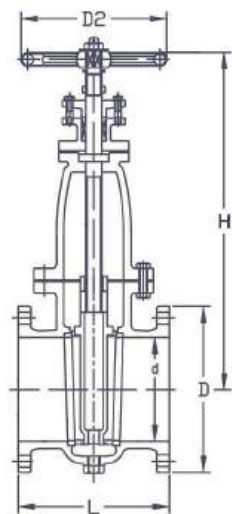
5 Bar

Saturated Steam:

DN50 200 : 3 Bar
DN250 600 : 2 Bar

SIZE	50	65	80	100	125	150	200	250	300	350	400
L	180	190	200	230	250	270	290	330	370	410	470
H	285	330	380	430	495	560	680	800	920	1000	1100
D2	152	140	160	180	200	224	280	355	400	450	500
d	50	65	80	100	125	150	200	250	300	335	380
D	130	155	180	200	235	265	320	385	430	480	540
PCD	105	130	145	165	200	230	280	345	390	435	495
Bolts	4 x M14	4 x M14	4 x M18	8 x M18	8 x M18	8 x M18	8 x M22	12 x M22	12 x M22	12 x M24	12 x M24
Weight Kg	13.5	19.6	24.2	35.3	48.1	65.3	103	164	236	307	405

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Stem	Brass / Stainless Steel
Body Seat & Disc Ring	Bronze / Stainless Steel



F7364
Cast Iron
JIS
Gate Valve
Flanged JIS 10K



Non rising stem, metal seated gate valve to JIS Japanese specifications, suitable for cold and hot water, saturated steam, oil and other neutral non aggressive liquids.

Features, Benefits & Approvals

- JIS 10K specifications
- Bolted bonnet
- Inside screw with non rising stem
- Open & shut indicator

Pressure & Temperature

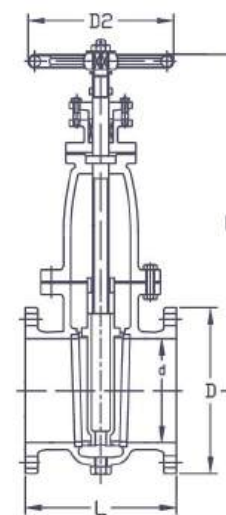
Non shock water:
DN50 400 : 14 Bar @ 120°C
DN450 600 : 12 Bar @ 120°C

Oil & Pulsating Water:
10 Bar

Saturated Steam:
DN50 200 : 5 Bar
DN250 600 : 3 Bar

SIZE	50	65	80	100	125	150	200	250	300	350	400
L	200	220	230	250	270	390	320	380	440	500	590
H	300	350	400	450	520	580	700	840	960	1050	1150
D2	140	160	180	200	224	250	315	400	450	500	560
d	50	65	80	100	125	150	200	250	300	335	380
D	155	175	185	210	250	280	330	400	445	490	560
PCD	120	140	150	175	210	240	290	355	400	445	510
Bolts	4 x M18	4 x M18	8 x M18	8 x M18	8 x M22	8 x M22	12 x M22	12 x M24	16 x M24	16 x M24	16 x M26
Weight Kg	19.4	27.6	33.0	45.8	65.9	86.0	136	230	331	466	597

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Stem	Brass / Stainless Steel
Body Seat & Disc Ring	Bronze / Stainless Steel



F7366
Cast Steel
JIS Marine
Gate Valve
Flanged JIS 10K



Non rising stem, metal seated gate valve to JIS Japanese specifications, suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 10K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Bolted bonnet
- Inside screw with non rising stem
- Open & shut indicator

Pressure & Temperature

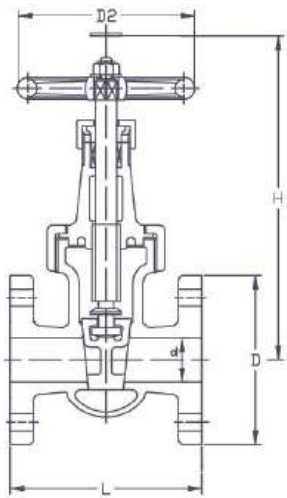
Non shock water:
14 Bar @ 120°C

Oil & Pulsating Water:
10 Bar

Saturated Steam:
2 Bar

SIZE	50	65	80	100	125	150	200	250	300	350	400
L	200	220	230	250	270	290	310	340	380	420	480
H	300	350	400	450	520	580	700	840	960	1050	1150
D2	140	160	180	200	224	250	315	400	450	500	650
d	50	65	80	100	125	150	200	250	300	335	380
D	155	175	185	210	250	280	330	400	445	490	560
PCD	120	140	150	175	210	240	290	355	400	445	510
Bolts	4 x M18	4 x M18	8 x M18	8 x M18	8 x M22	8 x M22	12 x M22	12 x M24	16 x M24	16 x M24	16 x M26
Weight Kg	17.1	26.5	31.5	44.9	63.2	82.3	130	203	291	368	507

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Body Seat & Disc Ring	Bronze / Stainless Steel



F7367
Bronze
JIS Marine
Gate Valve
Flanged JIS 5K



Non rising stem, metal seated gate valve to JIS Japanese specifications, suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 5K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Union bonnet
- Inside screw with non rising stem

Pressure & Temperature

Non shock water:

7 Bar @ 120°C

Oil & Pulsating Water:

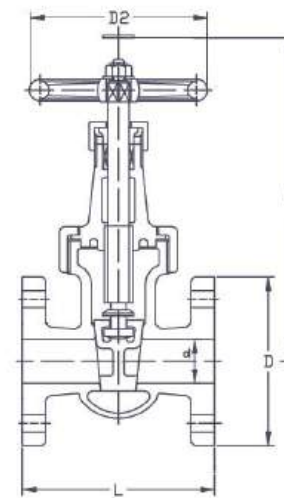
5 Bar

Saturated Steam:

2 Bar

SIZE	15	20	25	32	40	50
L	90	100	110	130	140	200
H	175	200	220	250	290	300
D2	80	100	125	125	140	
d	15	20	25	32	40	50
D	80	85	95	115	120	155
PCD	60	65	75	90	95	105
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15	4 x 15
Weight Kg	2.29	2.98	4.10	5.79	7.78	

MATERIALS	
Body	Bronze
Bonnet	Bronze
Stem	Brass
Disc	Bronze



F7368
Bronze
JIS Marine
Gate Valve
Flanged JIS 10K



Non rising stem, metal seated gate valve to JIS Japanese specifications, suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 10K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Union bonnet
- Inside screw with non rising stem

Pressure & Temperature

Non shock water:

14 Bar @ 120°C

Oil & Pulsating Water:

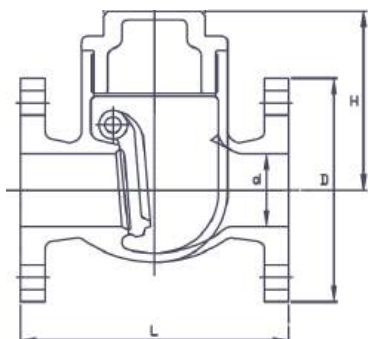
10 Bar

Saturated Steam:

2 Bar

SIZE	15	20	25	32	40	50
L	100	110	120	140	150	200
H	175	200	220	250	290	300
D2	80	100	125	125	140	
d	15	20	25	32	40	50
D	80	85	95	115	120	155
PCD	70	75	90	100	105	120
Holes	4 x M14	4 x M14	4 x M18	4 x M18	4 x M18	4 x M18
Weight Kg	2.96	3.89	5.82	7.52	9.71	

MATERIALS	
Body	Bronze
Bonnet	Bronze
Stem	Brass
Disc	Bronze



F7371
Bronze
Metal Seat
Swing Type
Check (Non Return) Valve
Flanged
JIS 5K



A bronze swing type (flapper) type check (non return) valve with a bronze disc conforming JIS Japanese specifications.

It can be fitted in the horizontal position or in the vertical position with the flow going upwards.

Features, Benefits & Approvals

- JIS 5K specifications
- Swing type
- Screwed bonnet
- Bronze body & disc

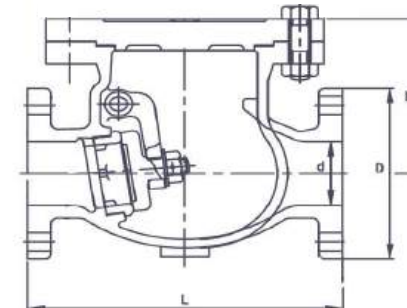
Pressure & Temperature

Non shock water:
7 Bar @ 120°C

Oil & Pulsating Water:
5 Bar

SIZE	15	20	25	32	40
L	110	110	110	130	140
H	69	69	69	79	93
d	15	20	25	32	40
D	80	85	95	115	120
PCD	60	65	75	90	95
Holes	4 x 12	4 x 12	4 x 12	4 x 15	4 x 15
Weight Kg	2.39	2.39	2.39	3.80	4.95

MATERIALS	
Body	Bronze
Bonnet	Bronze
Disc	Bronze
Plug	Brass / Stainless Steel



F7372
Cast Iron
Metal Seat
Swing Type
Check (Non Return) Valve
Flanged
JIS 5K



A cast iron swing type (flapper) type check (non return) valve with a bronze or stainless steel disc conforming JIS Japanese specifications.

It can be fitted in the horizontal position or in the vertical position with the flow going upwards.

Features, Benefits & Approvals

- JIS 5K specifications
- Swing type
- Bolted bonnet

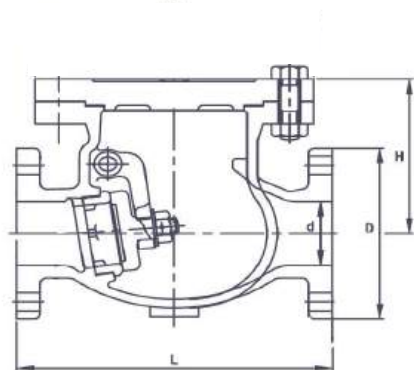
Pressure & Temperature

Non shock water:
7 Bar @ 120°C

Oil & Pulsating Water:
5 Bar

SIZE	50	65	80	100	125	150	200	250
L	190	220	250	280	330	380	460	550
H	97	119	129	146	171	198	235	290
d	50	65	80	100	125	150	200	250
D	130	155	180	200	235	265	320	385
PCD	105	130	145	165	200	230	280	345
Bolts	4 x M14	4 x M14	4 x M18	8 x M18	8 x M18	8 x M18	8 x M22	12 x M22
Weight Kg	9.1	13.9	19.1	27.1	39.0	53.7	94.4	150.0

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Disc	Bronze / Stainless Steel
Body Seat Ring	Bronze / Stainless Steel



F7373
Cast Iron
Metal Seat
Swing Type
Check (Non Return) Valve
Flanged
JIS 10K



A cast iron swing type (flapper) type check (non return) valve with a bronze or stainless steel disc conforming JIS Japanese specifications.

It can be fitted in the horizontal position or in the vertical position with the flow going upwards.

Features, Benefits & Approvals

- JIS 10K specifications
- Swing type
- Bolted bonnet

Pressure & Temperature

Non shock water:

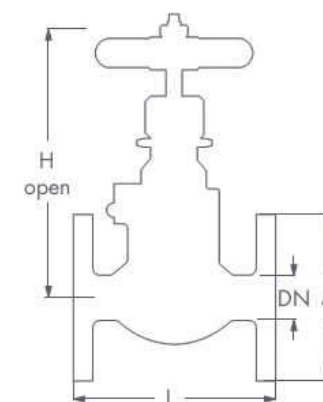
14 Bar @ 120°C

Oil & Pulsating Water:

10 Bar

SIZE	50	65	80	100	125	150	200
L	190	220	250	280	330	380	460
H	109	126	136	153	180	205	242
d	50	65	80	100	125	150	200
D	155	175	185	210	250	280	330
PCD	120	140	150	175	210	240	290
Bolts	4 x M18	4 x M18	8 x M18	8 x M18	8 x M22	8 x M22	12 x M22
Weight Kg	13.6	19.6	22.6	30.9	49.2	64.9	103.0

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Disc	Bronze / Stainless Steel
Body Seat Ring	Bronze / Stainless Steel



F7409
Bronze Body
Bronze/Brass Disc
Screw Down Non Return
JIS Marine
Globe Valve
Flanged JIS 16K



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 16K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- Secured screwed bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

Pressure & Temperature

Non shock water:

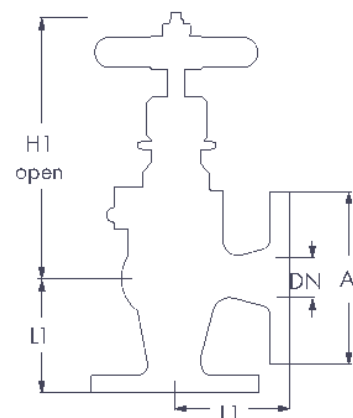
22 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:

16 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40
L	110	120	130	160	180
H	130	140	160	170	190
A	95	100	125	135	140
PCD	70	75	90	100	105
Holes	4 x 15	4 x 15	4 x 19	4 x 15	4 x 19
Weight Kg	2.76	3.72	5.20	6.91	8.43

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7410

**Bronze Body
Bronze/Brass Disc
Screw Down Non Return
Angled
JIS Marine
Globe Valve
Flanged JIS 16K**



Bronze metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 16K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw lift
- 15 40mm Secured screwed bonnet
- 50 65mm Bolted bonnet
- Gland sealed
- Bronze / brass disc
- Rising stem

Pressure & Temperature

Non shock water:

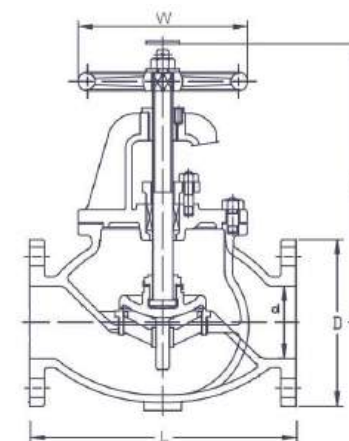
22 Bar @ 120°C

Air, Gas, Steam, Pulsating Water:

16 Bar @ 205°C

SIZE	DN15	DN20	DN25	DN32	DN40
L1	70	75	85	95	100
H1	120	130	145	150	165
A	95	100	125	135	140
PCD	70	75	90	100	105
Holes	4 x 15	4 x 15	4 x 19	4 x 15	4 x 19
Weight Kg	2.73	3.65	5.16	6.72	8.13

MATERIALS	
Body	Bronze
Bonnet	Bronze / Brass
Stem	Brass
Disc	Bronze / Brass



F7471

**Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Screw Down Non Return
Globe Valve
Flanged JIS 10K**



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 10K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- Bolted bonnet
- Gland sealed
- Rising stem

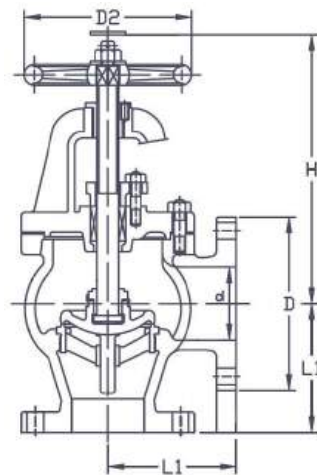
Pressure & Temperature

14 bar @ 0 to 120°C

12 bar @ 220°C

DN	50	65	80	100	125	150	200
L	220	270	300	350	420	490	570
H (open)	265	295	300	345	405	455	545
W	160	200	200	250	280	315	355
d	50	65	80	100	125	150	200
D	155	175	185	210	250	280	330
PCD	120	140	150	175	210	240	290
Holes	4 x M16	4 x M16	8 x M16	8 x M16	8 x M20	8 x M20	12 x M20
Weight Kg	17.9	26.0	29.8	44.7	70.3	96.4	159.0

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7472
Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Angled
Screw Down Non Return
Globe Valve
Flanged JIS 10K



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

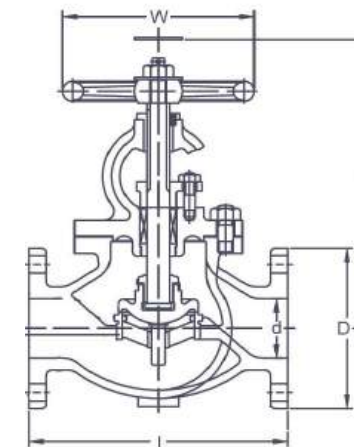
- JIS 10K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- Bolted bonnet
- Gland sealed
- Rising stem

Pressure & Temperature

14 bar @ 0 to 120°C
 12 bar @ 220°C

DN	50	65	80	100	125	150	200
L1	120	130	140	160	180	205	230
H (open)	235	250	255	290	340	385	460
W	200	224	250	280	315	355	450
d	50	65	80	100	125	150	200
D	155	175	185	210	250	280	330
PCD	120	140	150	175	210	240	290
Holes	4 x M16	4 x M16	8 x M16	8 x M16	8 x M20	8 x M20	12 x M20
Weight Kg	16.3	23.0	25.3	37.0	57.1	77.2	116

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7473
Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Screw Down Non Return
Globe Valve
Flanged JIS 20K



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

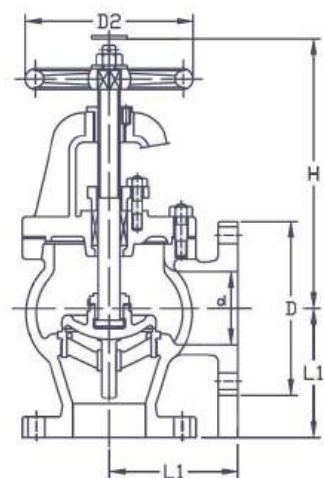
- JIS 20K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- Bolted bonnet
- Gland sealed
- Rising stem

Pressure & Temperature

34 bar @ 0 to 120°C
 31 bar @ 220°C

DN	32	40	50	65	80	100	125	150	200	250
L	190	200	230	270	300	350	430	500	560	660
H (open)	265	280	295	330	370	420	475	525	605	700
W	160	160	200	224	250	280	315	365	450	560
d	32	40	50	65	80	100	125	150	200	250
D	135	140	155	175	200	225	270	305	350	380
PCD	100	105	120	140	160	185	225	260	305	380
Holes	4 x M18	4 x M18	8 x M18	8 x M18	8 x M22	8 x M22	8 x M24	8 x M24	12 x M24	12 x M26
Weight Kg	14.4	16.0	21.6	30.4	43.5	62.3	94.8	132	204	336

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel



F7474

**Cast Steel Body
Bronze / Stainless Steel Disc
JIS Marine
Angled
Screw Down Non Return
Globe Valve
Flanged JIS 20K**



Cast steel metal seated gland packed globe valve to JIS Japanese specifications. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

This valve has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Independent third party test and inspection by various classification society surveyor's can be arranged for shipside and primary isolation duties.

Features, Benefits & Approvals

- JIS 20K specifications
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Screw Down Non Return (SDNR)
- Bolted bonnet
- Gland sealed
- Rising stem

Pressure & Temperature

34 bar @ 0 to 120°C
31 bar @ 220°C

DN	32	40	50	65	80	100	125	150	200	250
L1	100	110	125	135	150	170	200	225	280	310
H (open)	240	255	270	295	325	365	415	460	520	595
W	160	160	200	224	250	280	315	365	450	560
d	32	40	50	65	80	100	125	150	200	250
D	135	140	155	175	200	225	270	305	350	380
PCD	100	105	120	140	160	185	225	260	305	380
Holes	4 x M18	4 x M18	8 x M18	8 x M18	8 x M22	8 x M22	8 x M24	8 x M24	12 x M24	12 x M26
Weight Kg	15.0	16.0	20.0	26.9	38.9	54.4	79.9	111	181	283

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Brass / Stainless Steel
Disc & Body Seat	Bronze / Stainless Steel