

JIS

VALVES ACCORDING TO
JAPANESE INDUSTRIAL
STANDARD (JIS).

The valves in this section mainly follow the normative dimensions and pressure classes from the mentioned standardization organization. If not found here you may find the type of valve suitable for your need in other sections as well and we may also have the possibility to adopt a valve to fit your needs. Don't hesitate to contact us with any inquiry.

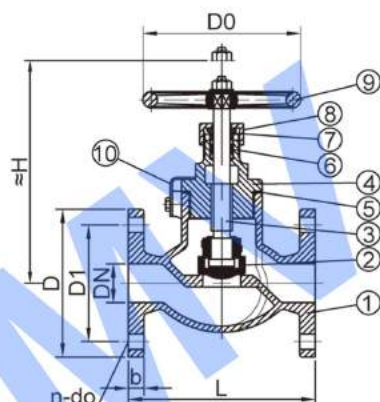


DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

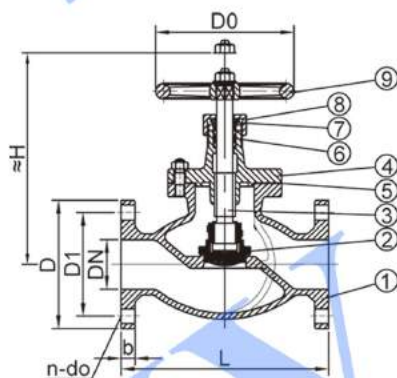
APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa



DN 15~40



DN 50~65

PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	15	100	130	80	60	9	4	12	80
	20	110	140	85	65	10	4	12	100
	25	120	160	95	75	10	4	12	125
	32	140	170	115	90	12	4	15	125
	40	160	190	120	95	12	4	15	140
	50	210	235	130	105	14	4	15	140
	65	250	260	155	130	14	4	15	160

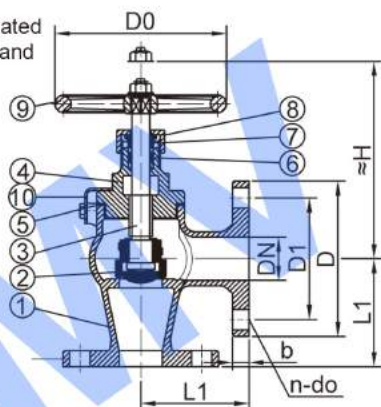
DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

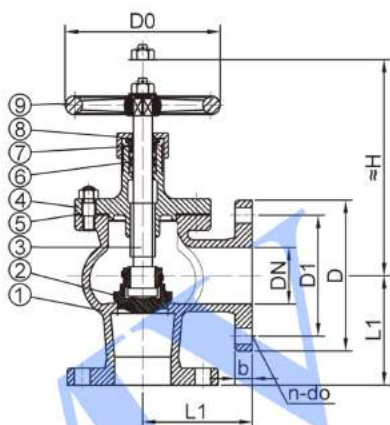
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass

JIS

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa



DN 15~40



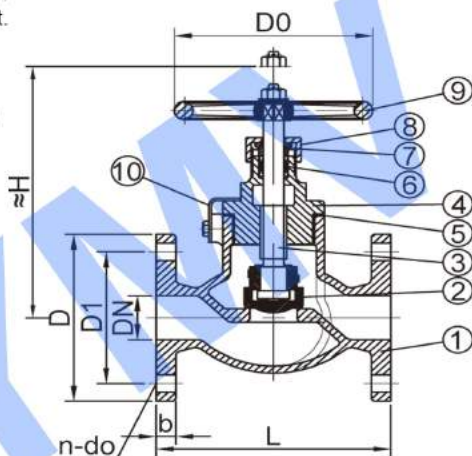
DN 50~65

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	15	55	120	80	60	9	4	12	80
	20	60	130	85	65	10	4	12	100
	25	65	145	95	75	10	4	12	125
	32	80	150	115	90	12	4	15	125
	40	85	165	120	95	12	4	15	140
	50	100	200	130	105	14	4	15	140
	65	115	220	155	130	14	4	15	160

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass



JIS

General Specification

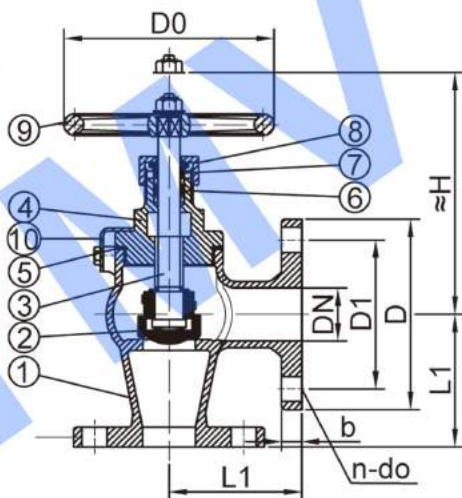
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
16K	15	110	130	95	70	12	4	15	80
	20	120	140	100	75	14	4	15	100
	25	130	160	125	90	14	4	19	125
	32	160	170	135	100	16	4	19	125
	40	180	190	140	105	16	4	19	140

DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

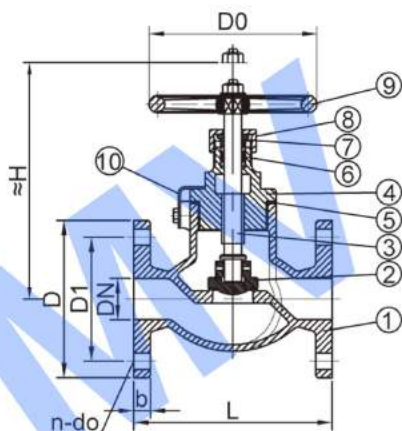
PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	15	70	120	95	70	12	4	15	80
	20	75	130	100	75	14	4	15	100
	25	85	145	125	90	14	4	19	125
	32	95	150	135	100	16	4	19	125
	40	100	165	140	105	16	4	19	140

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

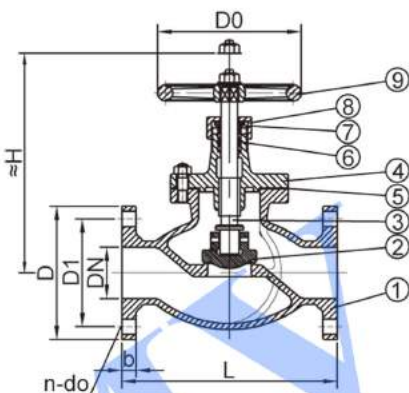
APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa



DN 15~40



DN 50~65

PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	15	100	130	80	60	9	4	12	80
	20	110	140	85	65	10	4	12	100
	25	120	155	95	75	10	4	12	125
	32	140	165	115	90	12	4	15	125
	40	160	185	120	95	12	4	15	140
	50	210	230	130	105	14	4	15	140
	65	250	255	155	130	14	4	15	160

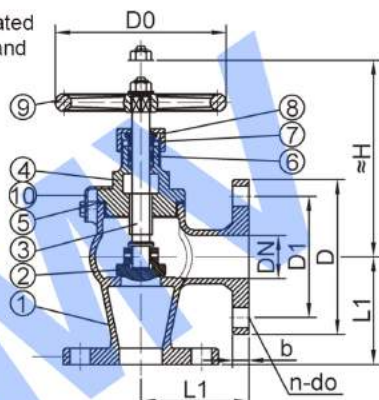
DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

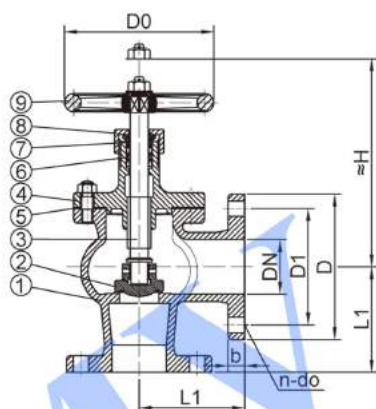
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass

JIS

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa



DN 15~40



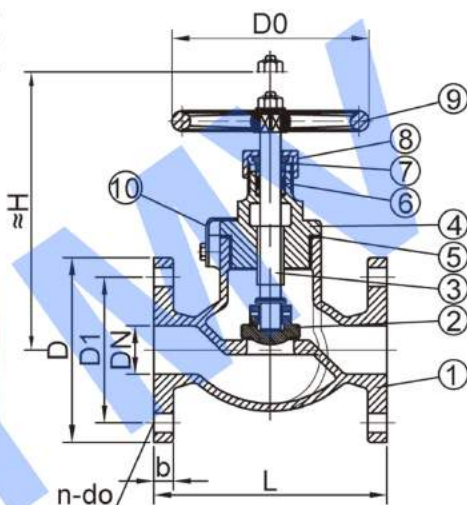
DN 50~65

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	15	55	120	80	60	9	4	12	80
	20	60	125	85	65	10	4	12	100
	25	65	140	95	75	10	4	12	125
	32	80	145	115	90	12	4	15	125
	40	85	160	120	95	12	4	15	140
	50	100	195	130	105	14	4	15	140
	65	115	215	155	130	14	4	15	160

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass



JIS

General Specification

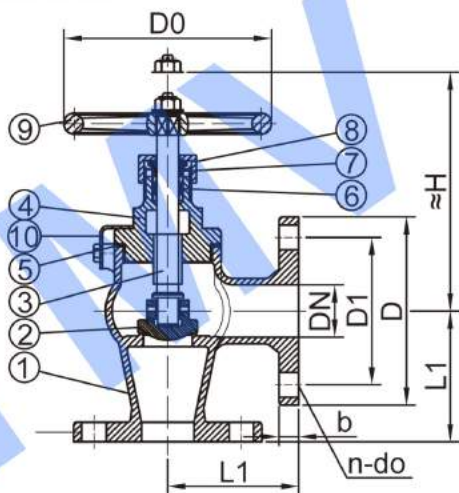
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
16K	15	110	130	95	70	12	4	15	80
	20	120	140	100	75	14	4	15	100
	25	130	155	125	90	14	4	19	125
	32	160	165	135	100	16	4	19	125
	40	180	185	140	105	16	4	19	140

DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass



General Specification

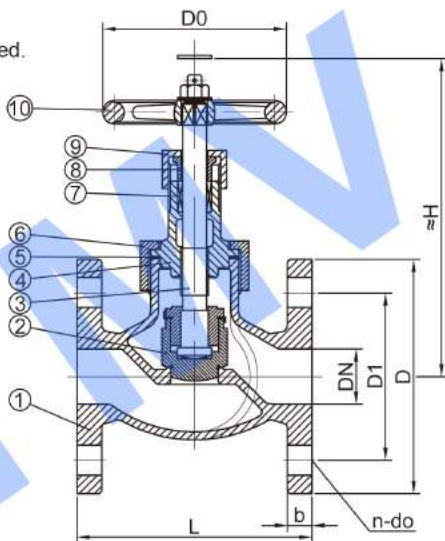
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	15	70	120	95	70	12	4	15	80
	20	75	125	100	75	14	4	15	100
	25	85	140	125	90	14	4	19	125
	32	95	145	135	100	16	4	19	125
	40	100	160	140	105	16	4	19	140

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



JIS

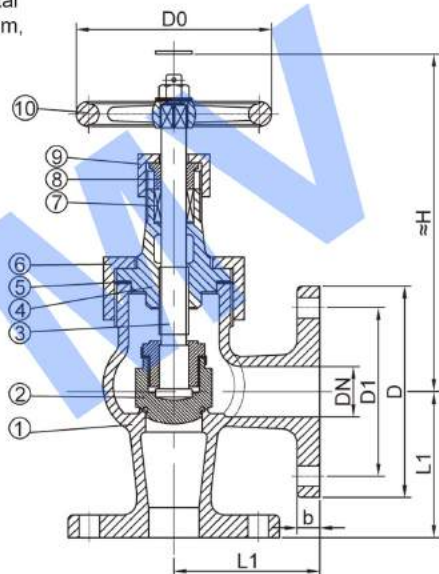
General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	15	100	155	80	60	9	4	12	80
	20	110	165	85	65	10	4	12	100
	25	120	185	95	75	10	4	12	125
	32	140	195	115	90	12	4	15	125
	40	160	210	120	95	12	4	15	140

DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron

JIS

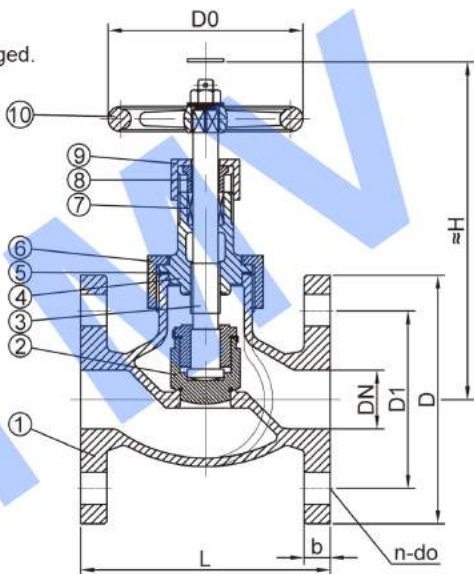
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	15	55	145	80	60	9	4	12	80
	20	60	155	85	65	10	4	12	100
	25	65	175	95	75	10	4	12	125
	32	80	175	115	90	12	4	15	125
	40	85	190	120	95	12	4	15	140

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flange face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



JIS

General Specification

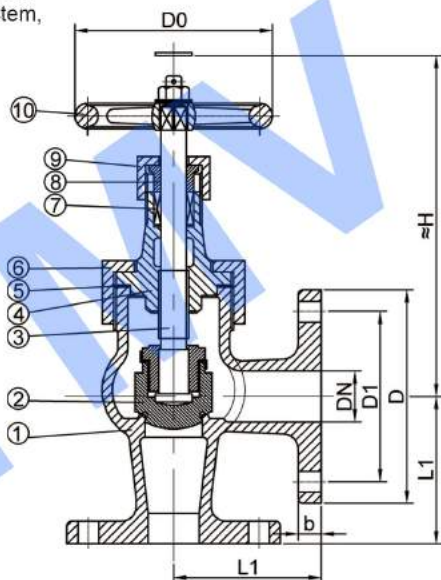
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
16K	15	110	155	95	70	12	4	15	80
	20	120	165	100	75	14	4	15	100
	25	130	185	125	90	14	4	19	125
	32	160	195	135	100	16	4	19	125
	40	180	210	140	105	16	4	19	140

DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



General Specification

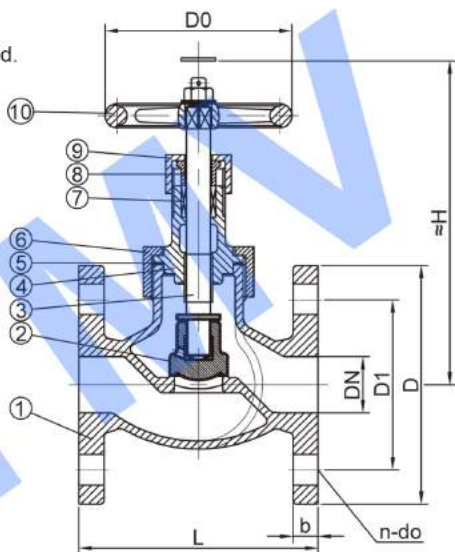
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	15	70	145	95	70	12	4	15	80
	20	75	155	100	75	14	4	15	100
	25	85	175	125	90	14	4	19	125
	32	95	175	135	100	16	4	19	125
	40	100	190	140	105	16	4	19	140

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



JIS

General Specification

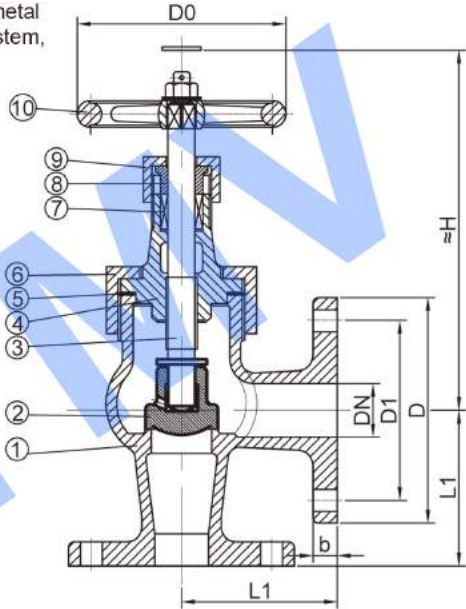
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	15	100	150	80	60	9	4	12	80
	20	110	160	85	65	10	4	12	100
	25	120	185	95	75	10	4	12	125
	32	140	190	115	90	12	4	15	125
	40	160	205	120	95	12	4	15	140

DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



General Specification

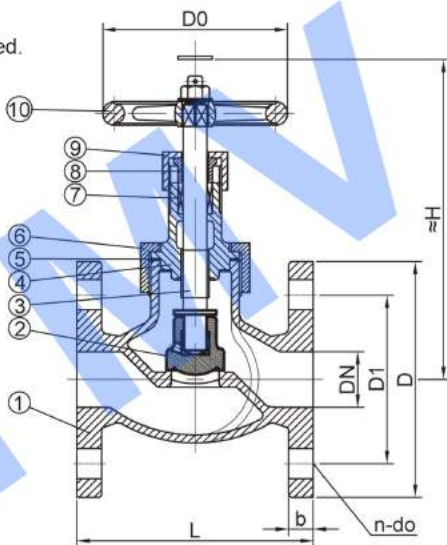
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	15	55	140	80	60	9	4	12	80
	20	60	150	85	65	10	4	12	100
	25	65	170	95	75	10	4	12	125
	32	80	170	115	90	12	4	15	125
	40	85	180	120	95	12	4	15	140

DESCRIPTION: Straight type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



JIS

General Specification

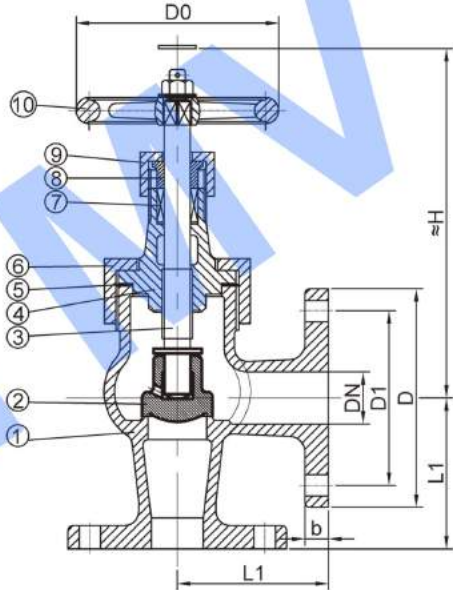
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
16K	15	110	150	95	70	12	4	15	80
	20	120	160	100	75	14	4	15	100
	25	130	185	125	90	14	4	19	125
	32	160	190	135	100	16	4	19	125
	40	180	205	140	105	16	4	19	140

DESCRIPTION: Angled type, Rg5 body, metal seated screw down stop valve with rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



General Specification

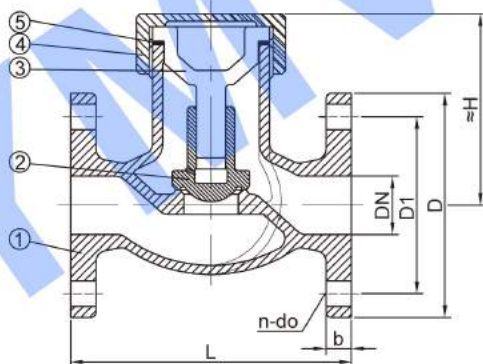
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	15	70	140	95	70	12	4	15	80
	20	75	150	100	75	14	4	15	100
	25	85	170	125	90	14	4	19	125
	32	95	170	135	100	16	4	19	125
	40	100	180	140	105	16	4	19	140

DESCRIPTION: Straight type, Rg5 body, full bore metal seated lift check valve. Flat face flanged.

APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Disc guide	Bronze
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber



JIS

General Specification

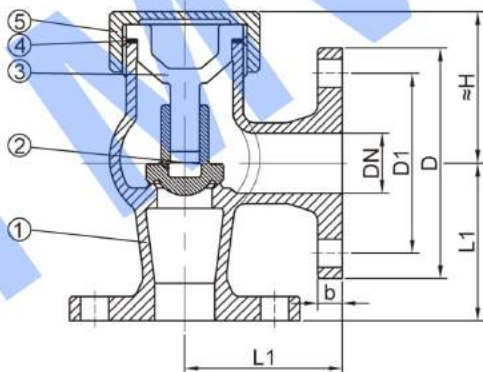
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L	≈H	D	D1	b	n	d0
5K	15	100	66	80	60	9	4	12
	20	110	71	85	65	10	4	12
	25	120	81	95	75	10	4	12
	32	140	83	115	90	12	4	15
	40	160	91	120	95	12	4	15

DESCRIPTION: Angled type, Rg5 body, full bore metal seated lift check valve. Flat face flanged.

APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Disc guide	Bronze
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber



General Specification

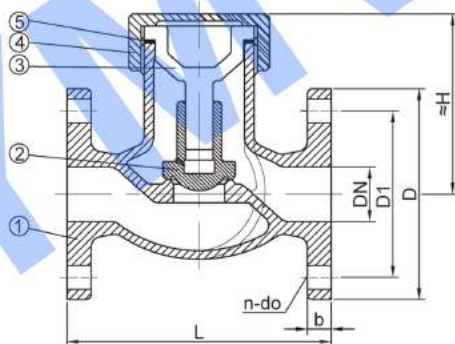
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0
5K	15	55	56	80	60	9	4	12
	20	60	59	85	65	10	4	12
	25	65	67	95	75	10	4	12
	32	80	65	115	90	12	4	15
	40	85	69	120	95	12	4	15

DESCRIPTION: Straight type, Rg5 body, full bore metal seated lift check valve. Flat face flanged.

APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Disc guide	Bronze
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber



JIS

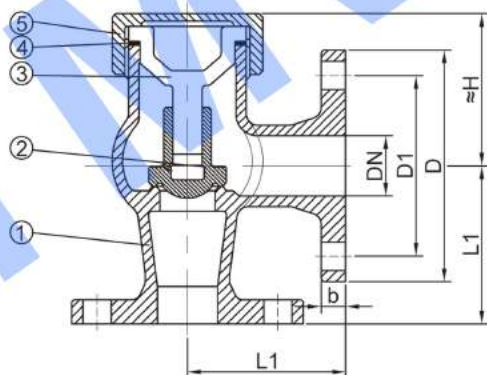
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0
16K	15	110	66	95	70	12	4	15
	20	120	71	100	75	14	4	15
	25	130	81	125	90	14	4	19
	32	160	83	135	100	16	4	19
	40	180	91	140	105	16	4	19

DESCRIPTION: Angled type, Rg5 body, full bore metal seated lift check valve. Flat face flanged.

APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Disc guide	Bronze
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

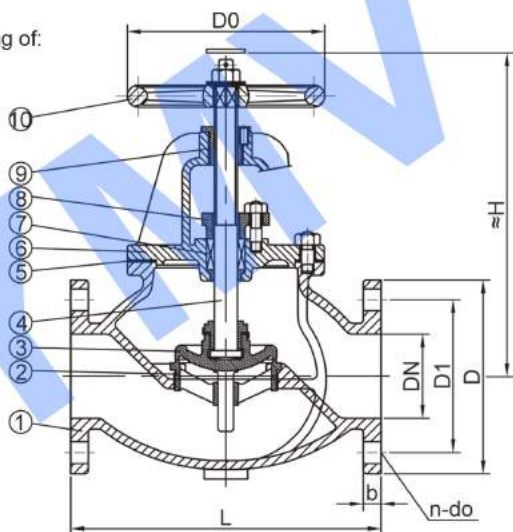
PN	DN	L1	≈H	D	D1	b	n	d0
16K	15	70	56	95	70	12	4	15
	20	75	59	100	75	14	4	15
	25	85	67	125	90	14	4	19
	32	95	65	135	100	16	4	19
	40	100	69	140	105	16	4	19

DESCRIPTION: Straight type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205°C
Pressure rating	1.05MPa



JIS

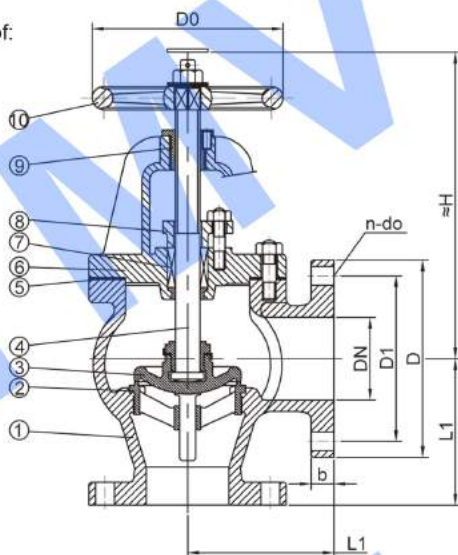
PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	50	210	270	130	105	16	4	15	160
	65	250	300	155	130	18	4	15	180
	80	280	310	180	145	18	4	19	180
	100	340	360	200	165	20	8	19	224
	125	410	390	235	200	20	8	19	250
	150	480	445	265	230	22	8	19	280
	200	570	530	320	280	24	8	23	315
	250	740	650	385	345	26	12	23	355
	300	840	740	430	390	28	12	23	400
	350	940	840	480	435	30	12	25	500
	400	1050	940	540	495	30	16	25	560

DESCRIPTION: Angled type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron

JIS



General Specification

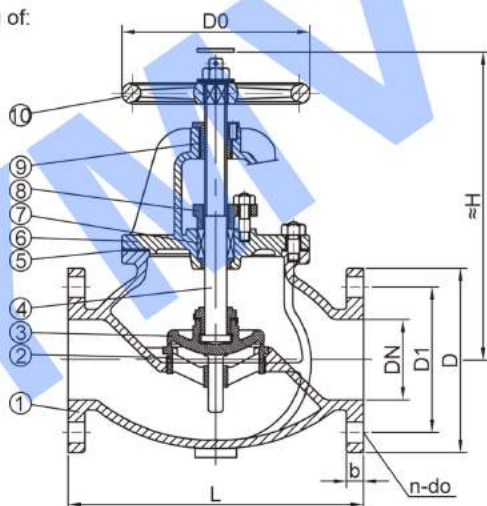
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	50	100	240	130	105	16	4	15	160
	65	115	255	155	130	18	4	15	180
	80	130	265	180	145	18	4	19	180
	100	150	310	200	165	20	8	19	224
	125	170	330	235	200	20	8	19	250
	150	190	380	265	230	22	8	19	280
	200	220	450	320	280	24	8	23	315
	250	275	540	385	345	26	12	23	355
	300	310	610	430	390	28	12	23	400
	350	360	690	480	435	30	12	25	500
	400	395	770	540	495	30	16	25	630

DESCRIPTION: Straight type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



JIS

General Specification

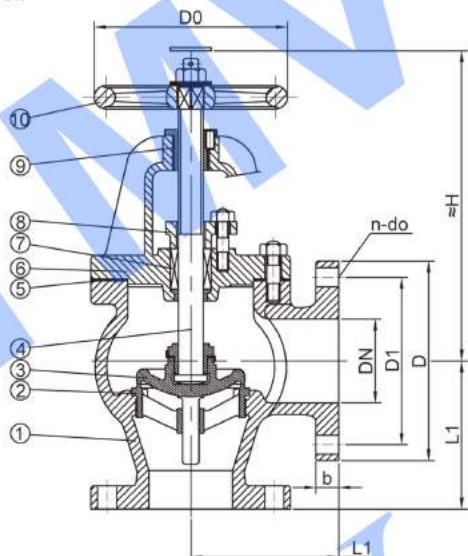
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
10K	50	220	285	155	120	20	4	19	160
	65	270	310	175	140	22	4	19	200
	80	300	320	185	150	22	8	19	200
	100	350	370	210	175	24	8	19	250
	125	420	420	250	210	24	8	23	280
	150	490	470	280	240	26	8	23	315
	200	570	555	330	290	26	12	23	355
	250	740	680	400	355	30	12	25	450
	300	840	770	445	400	32	16	25	500

DESCRIPTION: Angled type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



General Specification

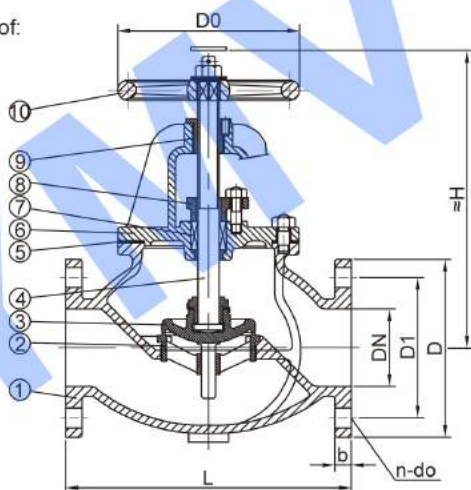
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
10K	50	120	255	155	120	20	4	19	160
	65	130	270	175	140	22	4	19	200
	80	140	275	185	150	22	8	19	200
	100	160	315	210	175	24	8	19	250
	125	180	360	250	210	24	8	23	280
	150	205	405	280	240	26	8	23	315
	200	230	475	330	290	26	12	23	355
	250	290	570	400	355	30	12	25	450
	300	320	645	445	400	32	16	25	500
	350	360	710	490	445	34	16	25	560
	400	420	790	560	510	36	16	27	630

DESCRIPTION: Straight type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



JIS

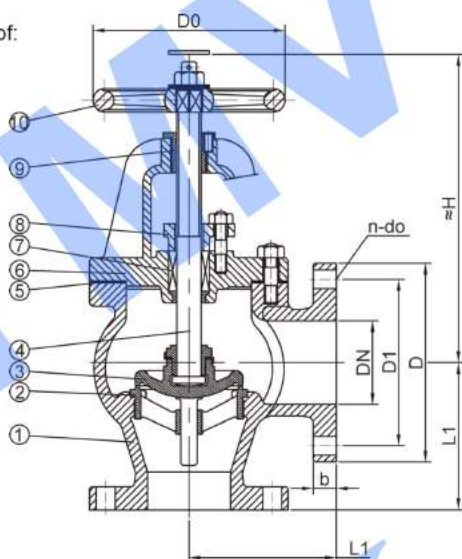
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
16K	50	220	285	155	120	20	8	19	160
	65	270	310	175	140	22	8	19	200
	80	300	340	200	160	24	8	23	224
	100	350	385	225	185	26	8	23	250
	125	430	455	270	225	26	8	25	315
	150	500	510	305	260	28	12	25	355
	200	570	630	350	305	30	12	25	450

DESCRIPTION: Angled type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



General Specification

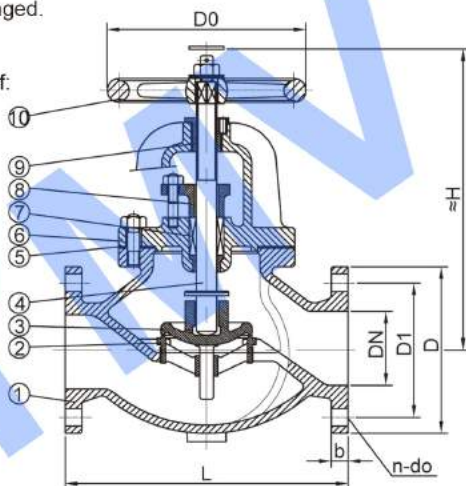
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	50	120	255	155	120	20	8	19	160
	65	130	270	175	140	22	8	19	200
	80	150	295	200	160	24	8	23	224
	100	170	330	225	185	26	8	23	250
	125	200	390	270	225	26	8	25	315
	150	225	435	305	260	28	12	25	355
	200	250	540	350	305	30	12	25	450

DESCRIPTION: Straight type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



JIS

General Specification

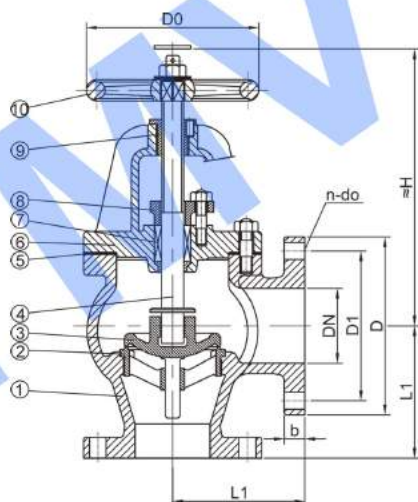
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	50	210	270	130	105	16	4	15	160
	65	250	290	155	130	18	4	15	180
	80	280	300	180	145	18	4	19	180
	100	340	350	200	165	20	8	19	224
	125	410	380	235	200	20	8	19	250
	150	480	430	265	230	22	8	19	280
	200	570	505	320	280	24	8	23	315
	250	740	620	385	345	26	12	23	355
	300	840	715	430	390	28	12	23	400
	350	940	815	480	435	30	12	25	500
	400	1050	905	540	495	30	16	25	560

DESCRIPTION: Angled type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



General Specification

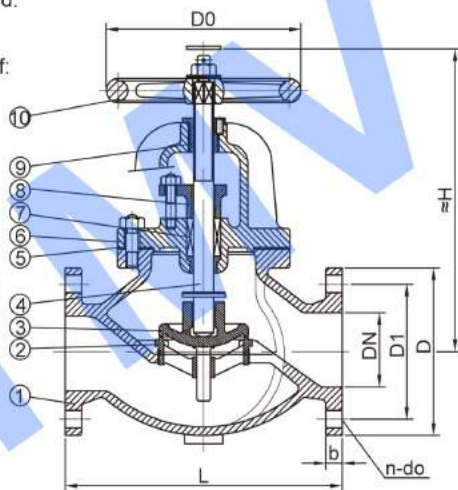
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≠H	D	D1	b	n	d0	D0
5K	50	100	240	130	105	16	4	15	160
	65	115	245	155	130	18	4	15	180
	80	130	255	180	145	18	4	19	180
	100	150	300	200	165	20	8	19	224
	125	170	320	235	200	20	8	19	250
	150	190	365	265	230	22	8	19	280
	200	220	425	320	280	24	8	23	315
	250	275	510	385	345	26	12	23	355
	300	310	585	430	390	28	12	23	400
	350	360	660	480	435	30	12	25	500
	400	395	730	540	495	30	16	25	560
	450	440	835	605	555	30	16	25	630
	500	485	915	655	605	32	20	25	710
	550	530	985	720	665	32	20	27	800

DESCRIPTION: Straight type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



JIS

General Specification

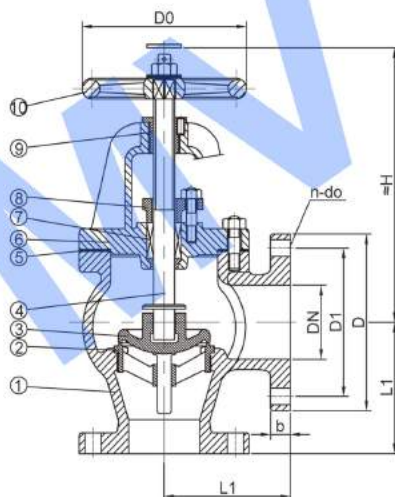
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
10K	50	220	285	155	120	20	4	19	160
	65	270	305	175	140	22	4	19	200
	80	300	315	185	150	22	8	19	200
	100	350	360	210	175	24	8	19	250
	125	420	410	250	210	24	8	23	280
	150	490	455	280	240	26	8	23	315
	200	570	530	330	290	26	12	23	355

DESCRIPTION: Angled type, FC 200 body, metal seated screw down stop valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



General Specification

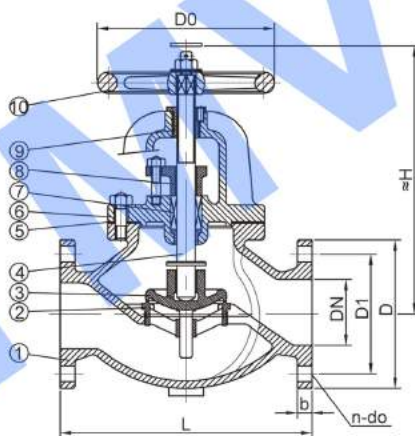
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
10K	50	120	255	155	120	20	4	19	160
	65	130	260	175	140	22	4	19	200
	80	140	270	185	150	22	8	19	200
	100	160	305	210	175	24	8	19	250
	125	180	350	250	210	24	8	23	280
	150	205	390	280	240	26	8	23	315
	200	230	450	330	290	26	12	23	355

DESCRIPTION: Straight type, FC 200 body, metal seated screw down check globe valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron



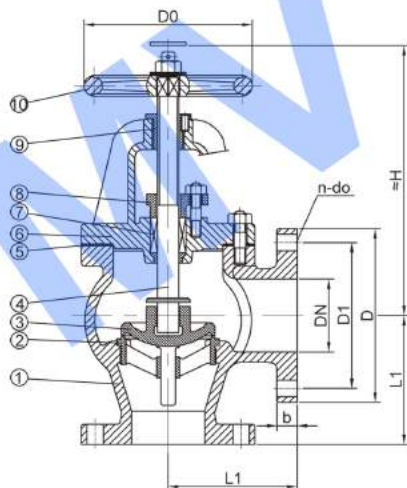
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General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L	≈H	D	D1	b	n	d0	D0
16K	50	220	285	155	120	20	8	19	160
	65	270	305	175	140	22	8	19	200
	80	300	335	200	160	24	8	23	224
	100	350	375	225	185	26	8	23	250
	125	430	440	270	225	26	8	25	315
	150	500	500	305	260	28	12	25	355

DESCRIPTION: Angled type, FC 200 body, metal seated screw down check angle valve with rising stem, bolted bonnet. Flat face flanged.

APPLICATION: Start/stop and throttling of:
Sea water, water and oils etc.



NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron

General Specification

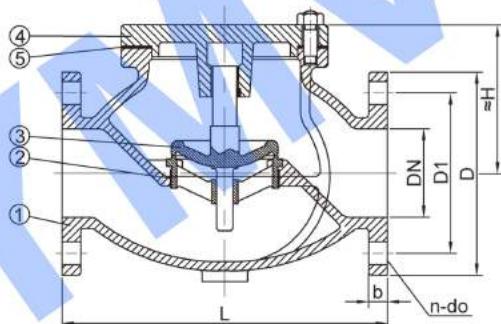
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	50	120	255	155	120	20	8	19	160
	65	130	260	175	140	22	8	19	200
	80	150	290	200	160	24	8	23	224
	100	170	320	225	185	26	8	23	250
	125	200	375	270	225	26	8	25	315
	150	225	425	305	260	28	12	25	355

DESCRIPTION: Straight type, FC 200 body, metal seated lift check valve. Flat face flanged.

APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Bonnet	FC 200
5	Gasket	Graphite/ Aramid fiber



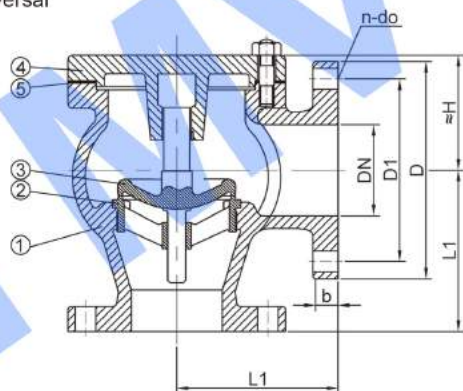
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L	≈H	D	D1	b	n	d0
5K	50	210	107	130	105	16	4	15
	65	250	124	155	130	18	4	15
	80	280	129	180	145	18	4	19
	100	340	146	200	165	20	8	19
	125	410	166	235	200	20	8	19
	150	480	188	265	230	22	8	19

DESCRIPTION: Angle type, FC 200 body, metal seated lift check valve. Flat face flanged.

APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Bonnet	FC 200
5	Gasket	Graphite/ Aramid fiber



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

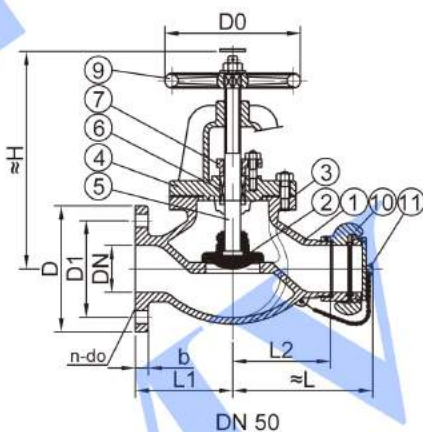
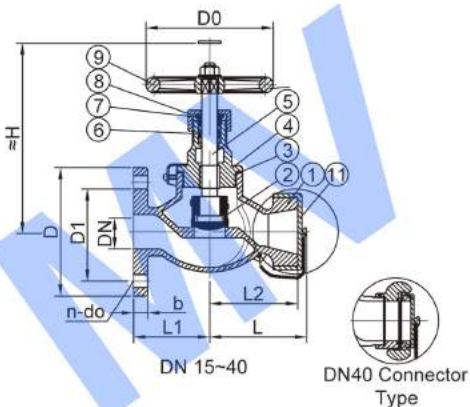
PN	DN	L1	$\frac{L1}{DN}$	D	D1	b	n	d0
5K	50	100	77	130	105	16	4	15
	65	115	81	155	130	18	4	15
	80	130	84	180	145	18	4	19
	100	150	96	200	165	20	8	19
	125	170	108	235	200	20	8	19
	150	190	125	265	230	22	8	19
	200	220	157	320	280	24	8	23

DESCRIPTION: Rg5 body soft sealing fire valve. Bolted bonnet. Straight hose connection. Flat face flanged.

APPLICATION: Water and sea water hose connection for fire fighting system.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Gasket	Graphite/ Aramid fiber
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Brass/ Bronze
8	Nut	Brass
9	Handwheel	Cast iron
10	Connector	Bronze
11	Cap	Bronze

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

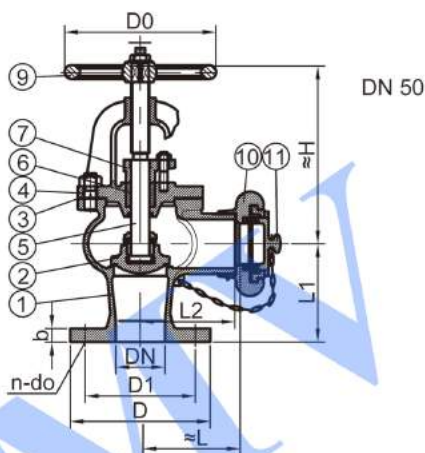
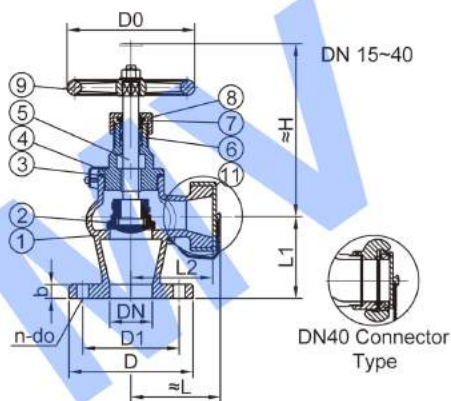


PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
5K	15	73	50	60	130	80	60	9	4	12	80
	25	78	60	65	160	95	75	10	4	12	125
	40	128.5	80	80	190	120	95	12	4	15	140
	50	159.8	105	105	255	130	105	14	4	15	160

DESCRIPTION: Rg5 body soft sealing fire valve. Rising stem with bolted bonnet. Angle hose connection. Flat face flanged.

APPLICATION: Water and sea water hose connection for fire fighting system.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Gasket	Graphite/ Aramid fiber
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Brass/ Bronze
8	Nut	Brass
9	Handwheel	Cast iron
10	Connector	Bronze
11	Cap	Bronze



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

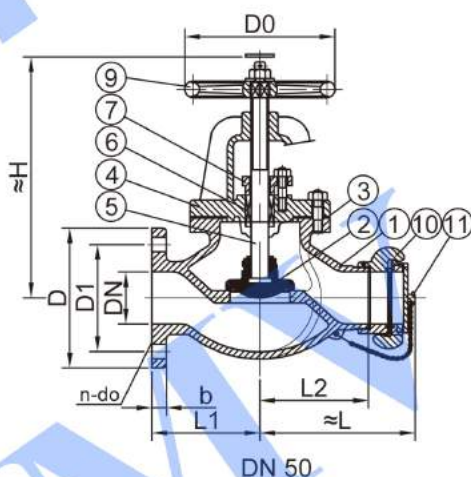
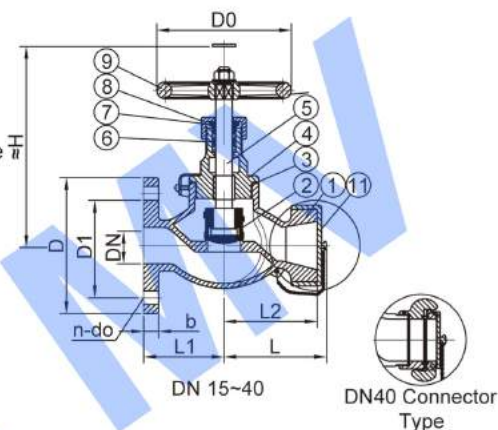
PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
5K	15	68	55	55	120	80	60	9	4	12	80
	25	78	65	65	145	95	75	10	4	12	125
	40	123.5	85	75	165	120	95	12	4	15	140
	50	154.8	100	100	225	130	105	14	4	15	160

DESCRIPTION: Rg5 body soft sealing fire valve. Bolted bonnet. Straight hose connection. Flat face flanged.

APPLICATION: Water and sea water hose connection for fire fighting system.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Gasket	Graphite/ Aramid fiber
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Brass/ Bronze
8	Nut	Brass
9	Handwheel	Cast iron
10	Connector	Bronze
11	Cap	Bronze

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205°C
Pressure rating	1.05MPa

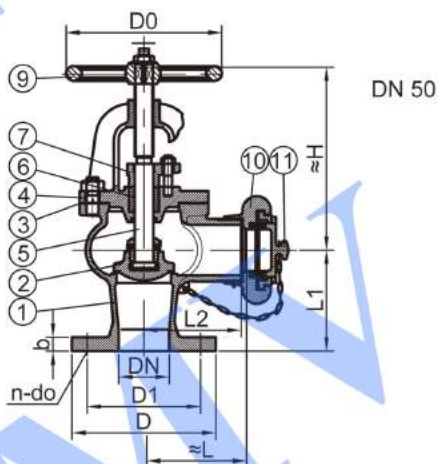
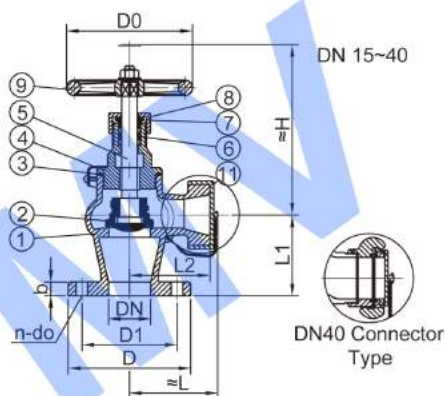


PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
10K	15	73	55	60	130	95	70	12	4	15	80
	25	83	65	70	160	125	90	14	4	19	125
	40	133.5	90	85	190	140	105	16	4	19	140
	50	164.8	110	110	270	155	120	16	4	19	160
	65	199.8	135	140	295	175	140	18	4	19	200

DESCRIPTION: Rg5 body soft sealing fire valve. Rising stem with bolted bonnet. Angle hose connection. Flat face flanged.

APPLICATION: Water and sea water hose connection for fire fighting system.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Gasket	Graphite/ Aramid fiber
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Brass/ Bronze
8	Nut	Brass
9	Handwheel	Cast iron
10	Connector	Bronze
11	Cap	Bronze



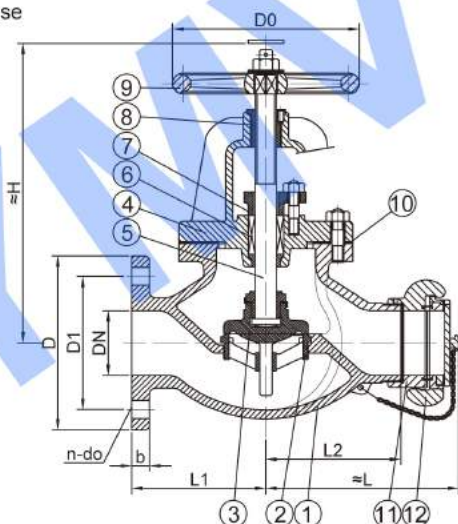
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
10K	15	73	70	60	120	95	70	12	4	15	80
	25	83	85	70	145	125	90	14	4	19	125
	40	123.5	100	75	165	140	105	16	4	19	140
	50	159.8	120	105	240	155	120	16	4	19	160
	65	179.8	130	120	255	175	140	18	4	19	200

DESCRIPTION: FC 200 body soft sealing fire valve. Bolted bonnet. Straight hose connection. Flat face flanged.

APPLICATION: Water and sea water hose connection for fire fighting system.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Bonnet	FC 200
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Bronze
8	Agile	Brass
9	Handwheel	Cast iron
10	Gasket	Graphite/ Aramid fiber
11	Connector	Bronze
12	Cap	Bronze



JIS

General Specification

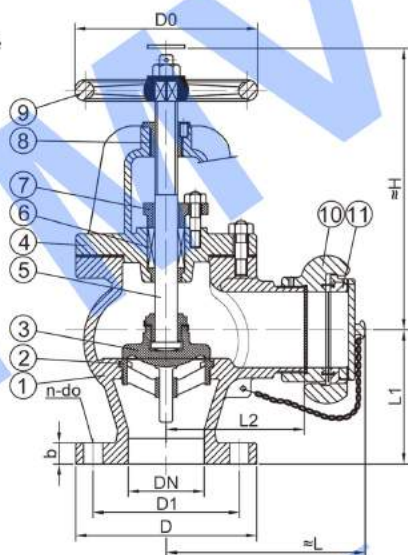
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K/10k
Applicable temperature	≤205℃
Pressure rating	1.05/3.36MPa

PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
5K	50	165	105	110	270	130	105	16	4	15	160
10K	50	170	110	115	285	155	120	20	4	19	160
	65	200	135	140	310	175	140	22	4	19	200

DESCRIPTION: FC 200 body soft sealing fire valve. Rising stem with bolted bonnet. Angle hose connection. Flat face flanged.

APPLICATION: Water and sea water hose connection for fire fighting system.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Bonnet	FC 200
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Bronze
8	Agile	Brass
9	Handwheel	Cast iron
10	Gasket	Graphite/ Aramid fiber
11	Connector	Bronze
12	Cap	Bronze



General Specification

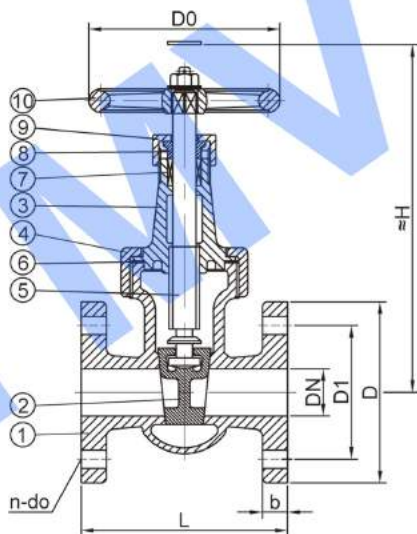
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K/10k
Applicable temperature	≤205℃
Pressure rating	1.05/3.36MPa

PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
5K	50	155	100	100	240	130	105	16	4	15	160
10K	50	170	120	115	255	155	120	20	4	19	160
	65	185	130	125	270	175	140	22	4	19	200

DESCRIPTION: Rg5 body gate valve, Rg5 wedge.
Rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop flow with minimized pressure drop for air/gases, sea water, water, oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Nut	Bronze
5	Stem	Brass
6	Gasket	Graphite/ Aramid fiber
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron



JIS

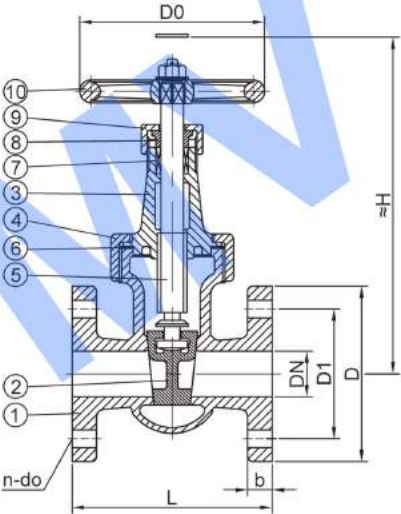
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	≈L	≈H	D	D1	b	n	d0	D0
5K	15	90	175	80	60	9	4	12	80
	20	100	200	85	65	10	4	12	80
	25	110	220	95	75	10	4	12	100
	32	130	250	115	90	12	4	15	100
	40	140	290	120	95	12	4	15	125

DESCRIPTION: Rg5 body gate valve. Rg5 wedge.
Rising stem, screwed bonnet. Flat face flanged.

APPLICATION: Start/stop flow with
minimized pressure drop for air/gases,
sea water, water, oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Square nut	Bronze
4	Bonnet	Bronze
5	Stem	Brass
6	Stuffing box	Bronze
7	Packing	PTFE
8	Gland	Brass
9	Handwheel	Cast iron



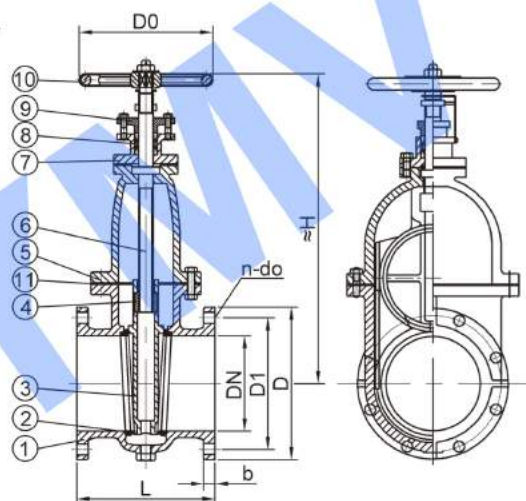
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

PN	DN	≈L	≈H	D	D1	b	n	d0	D0
10K	15	100	175	95	70	12	4	15	80
	20	110	200	100	75	14	4	15	80
	25	120	220	125	90	14	4	19	100
	32	140	250	135	100	16	4	19	100
	40	150	290	140	105	16	4	19	125

DESCRIPTION: FC 200 body gate valve. Rg5 seat rings. Non rising stem. Flat face flanged.

APPLICATION: Start/stop flow with minimized pressure drop for air/gases, sea water, water, oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	FC 200
4	Square nut	Bronze
5	Bonnet	FC 200
6	Stem	Brass
7	Stuffing box	FC 200
8	Packing	Graphite/PTFE
9	Gland	Bronze
10	Handwheel	Cast iron
11	Gasket	Graphite/Aramid fiber



JIS

General Specification

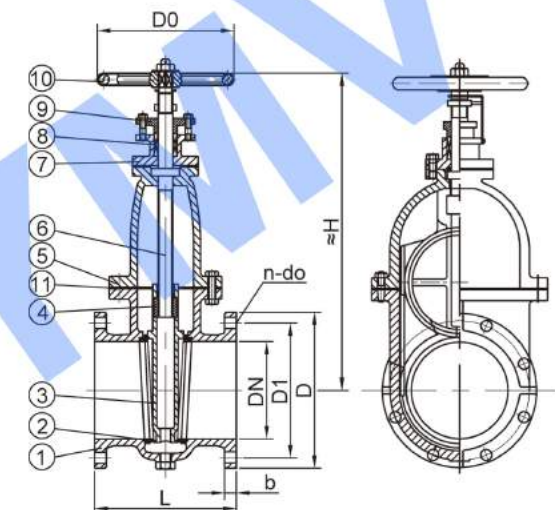
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	≈L	≈H	D	D1	b	n	d0	D0
5K	50	180	285	130	105	16	4	15	125
	65	190	330	155	130	18	4	15	140
	80	200	380	180	145	18	4	19	160
	100	230	430	200	165	20	8	19	180
	125	250	495	235	200	20	8	19	200
	150	270	560	265	230	22	8	19	224
	200	290	680	320	280	24	8	23	280
	250	330	800	385	345	26	12	23	355
	300	370	920	430	390	28	12	23	400
	350	410	1000	480	435	30	12	25	450
	400	470	1100	540	495	30	16	25	500
	450	500	1420	605	555	30	16	25	560
	500	550	1500	655	605	32	20	25	560
	550	600	1650	720	665	32	20	27	630
	600	660	1680	770	715	32	20	27	710

DESCRIPTION: FC 200 body gate valve. Rg5 seat rings. Non rising stem. Flat face flanged.

APPLICATION: Start/stop flow with minimized pressure drop for air/gases, sea water, water, oils etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	FC 200
4	Square nut	Bronze
5	Bonnet	FC 200
6	Stem	Brass
7	Stuffing box	FC 200
8	Packing	Graphite/PTFE
9	Gland	Bronze
10	Handwheel	Cast iron
11	Gasket	Graphite/Aramid fiber



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

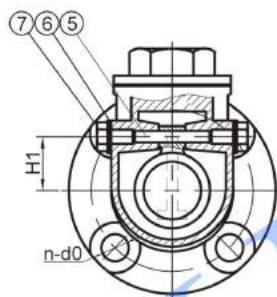
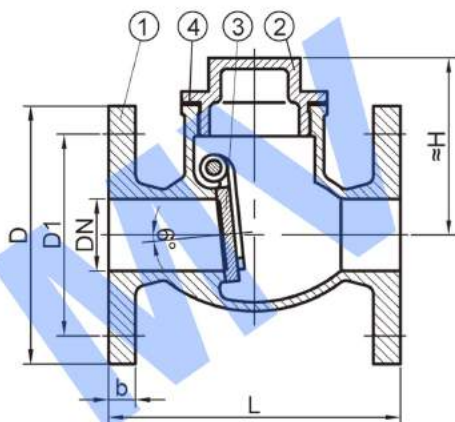
PN	DN	≈L	≈H	D	D1	b	n	d0	D0
10K	50	200	300	155	120	20	4	19	140
	65	220	350	175	140	22	4	19	160
	80	230	400	185	150	22	8	19	180
	100	250	450	210	175	24	8	19	200
	125	270	520	250	210	24	8	23	224
	150	290	580	280	240	26	8	23	250
	200	320	700	330	290	26	12	23	315
	250	380	840	400	355	30	12	25	400
	300	440	960	445	400	32	16	25	450
	350	500	1050	490	445	34	16	25	500
	400	590	1150	560	510	36	16	27	560

DESCRIPTION: Straight type, Rg5 body, full bore metal seated swing check valve. Flat face flanged.

APPLICATION: Preventing backflow in air, water, sea water and oil systems etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Gasket	Graphite/ Aramid fiber
5	Hinge pin	Brass
6	Gasket	Graphite/ Aramid fiber
7	Pulg	Brass

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

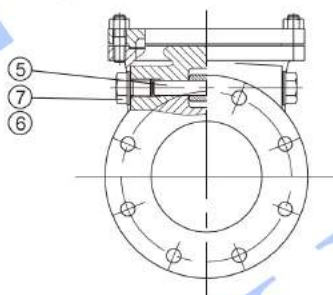
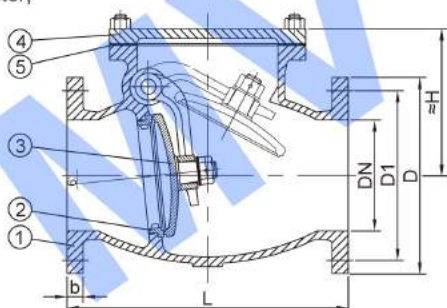


PN	DN	L	≈H	H1	D	D1	b	n	d0
5K	25	110	69	25	95	75	10	4	12
	32	130	79	30	115	90	12	4	15
	40	140	93	36	120	95	12	4	15

DESCRIPTION: Straight type, Rg5 body, full bore metal seated swing check valve. Flat face flanged.

APPLICATION: Preventing backflow in water, sea water and oil systems etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Bonnet	FC 200
5	Gasket	Graphite/ Aramid fiber
6	Hinge pin	Brass
7	Gasket	Graphite/ Aramid fiber
8	Pulg	Brass



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

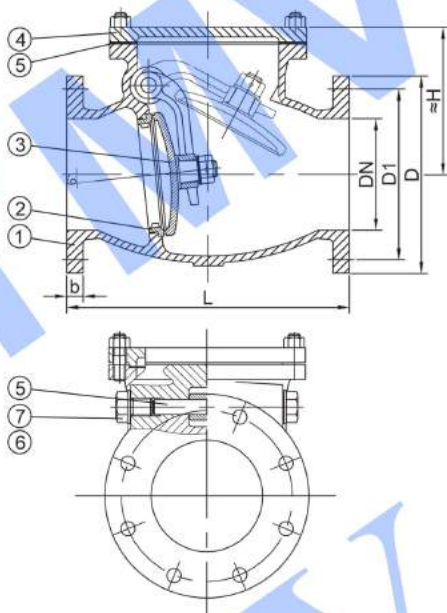
PN	DN	≈L	≈H	D	D1	b	n	d0
5K	50	190	97	130	105	16	4	15
	65	220	119	155	130	18	4	15
	80	250	129	180	145	18	4	19
	100	280	146	200	165	20	8	19
	125	330	171	235	200	20	8	19
	150	380	198	265	230	22	8	19
	200	460	235	320	280	24	8	23
	250	550	290	385	345	26	12	23

DESCRIPTION: Straight type, Rg5 body, full bore metal seated swing check valve. Flat face flanged.

APPLICATION: Preventing backflow in air, water, sea water and oil systems etc.

NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Bonnet	FC 200
5	Gasket	Graphite/ Aramid fiber
6	Hinge pin	Brass
7	Gasket	Graphite/ Aramid fiber
8	Pulg	Brass

General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

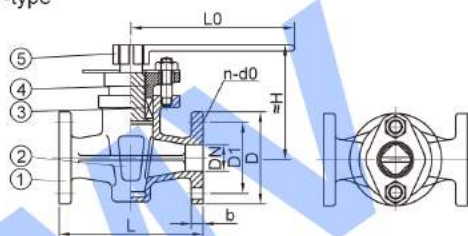


JIS

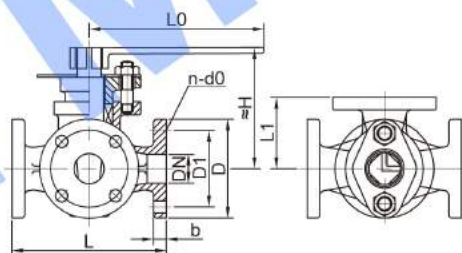
PN	DN	≈L	≈H	D	D1	b	n	d0
10K	50	210	109	155	120	20	4	19
	65	240	126	175	140	22	4	19
	80	270	136	185	150	22	8	19
	100	300	153	210	175	24	8	19
	125	350	180	250	210	24	8	23
	150	400	205	280	240	26	8	23
	200	480	242	330	290	26	12	23

DESCRIPTION: 2-way/3-way Rg5 body L/T-type cock with Rg5 plug. Flat face flanged.

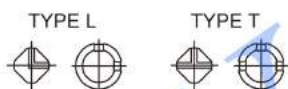
APPLICATION: Stop and distribution valve for: Compressed air, gases, non corrosive media and slurries etc.



Two-Way Cock



Three-Way Cock



GROOVE INDICATING THE DIRECTION OF PORT

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Packing	Graphite/PTFE
4	Gland	Bronze
5	Hand lever	Steel

JIS

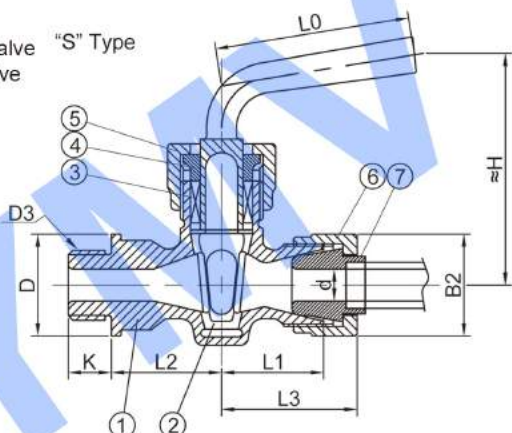
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L	L1	≈H	D	D1	b	n	d0	L0
5K	25	130	65	105	95	75	10	4	12	160
	32	160	80	125	115	90	12	4	15	180
	40	170	85	135	120	95	12	4	15	190
	50	190	95	163	130	105	14	4	15	200
	65	220	110	201	155	130	14	4	15	250

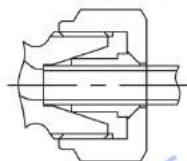
DESCRIPTION: Rg5 body S-type cock with Rg5 plug. Male thread.

APPLICATION: Stop and distribution valve for: Compressed air, gases, non corrosive media and slurries etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Packing	Graphite/PTFE
4	Gland	Brass
5	Gland Nut	Brass
6	Union Nut	Brass
7	Nipple for copper pipe	Brass



For bite type union

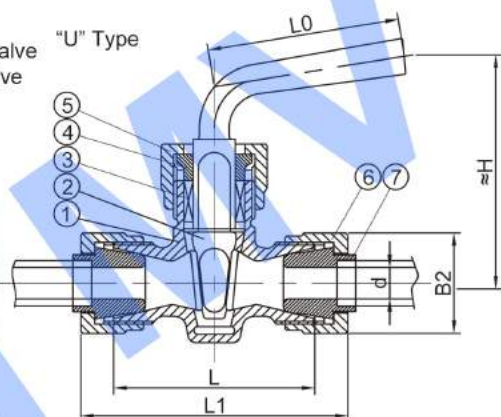


General Specification	
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	d	L1	L2	L3	K	≈H	D	B2	D3	L0
16K	6	6	28	28	37	12	65	28	30	M20X1.5	55
	10	10	40	35	52	16	73	34	41	M24X2	65
	15	15	45	45	58	22	92	42	46	M30X2	75
	20	20	50	50	65	24	104	48	50	M36X2	85

DESCRIPTION: Rg5 body U-Type cock with Rg5 plug. Male thread.

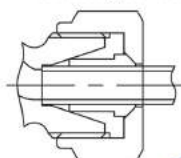
APPLICATION: Stop and distribution valve for: Compressed air, gases, non corrosive media and slurries etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Packing	Graphite/PTFE
4	Gland	Brass
5	Gland Nut	Brass
6	Union Nut	Brass
7	Nipple for copper pipe	Brass

JIS

For bite type union



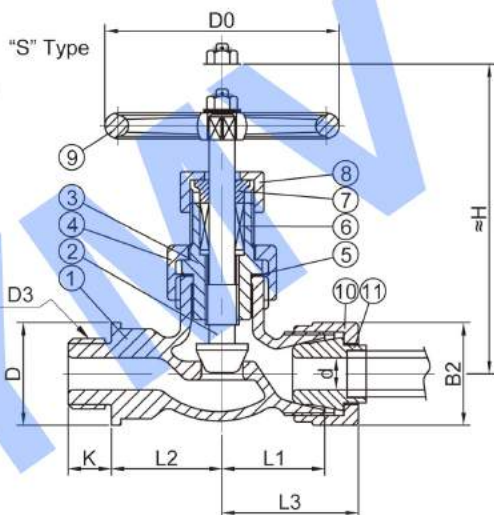
General Specification	
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	d	L	L1	≈H	B2	L0
16K	6	6	56	74	65	30	55
	10	10	80	104	73	41	65

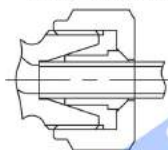
DESCRIPTION: Straight type, Rg5 body, S-Type 20K globe valve.

APPLICATION: Start/stop and throttling of: Sea water, water, steam and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Nut	Brass
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Gland Nut	Brass
9	Hand wheel	Cast iron
10	Union Nut	Brass
11	Nipple for copper pipe	Brass



For bite type union



General Specification

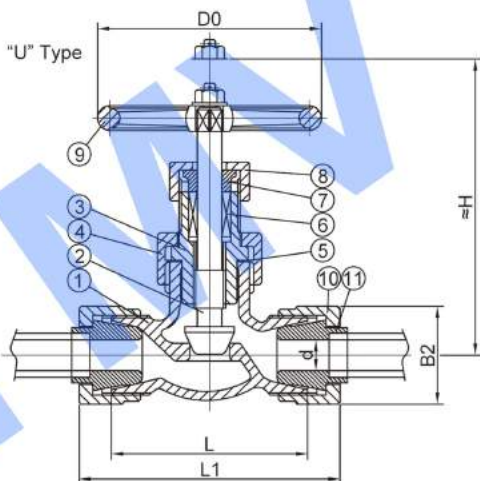
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	20K
Applicable temperature	≤205℃
Pressure rating	4.2MPa

PN	DN	d	L1	L2	L3	K	≈H	D	B2	D3	D0
20K	6	6	32	32	41	12	100	28	30	M20X1.5	63
	10	10	36	35	48	16	115	34	41	M24X2	80

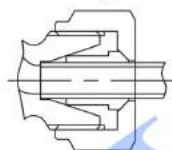
DESCRIPTION: Straight type, Rg5 body, U-Type 20K globe valve.

APPLICATION: Start/stop and throttling of: Sea water, water, steam and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Nut	Brass
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Gland Nut	Brass
9	Hand wheel	Cast iron
10	Union Nut	Brass
11	Nipple for copper pipe	Brass



For bite type union



General Specification

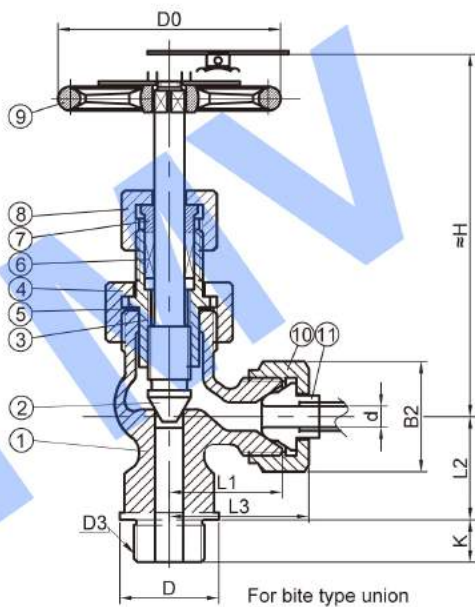
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	20K
Applicable temperature	≤205℃
Pressure rating	4.2MPa

PN	DN	d	L	L1	≈H	B2	D0
20K	6	6	64	82	100	30	63
	10	10	72	96	115	41	80

DESCRIPTION: Straight type, Rg5 body, S-Type 20K globe valve.

APPLICATION: Start/stop and throttling of: Sea water, water, steam and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Nut	Brass
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Gland Nut	Brass
9	Hand wheel	Cast iron
10	Union Nut	Brass
11	Nipple for copper pipe	Brass



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General Specification

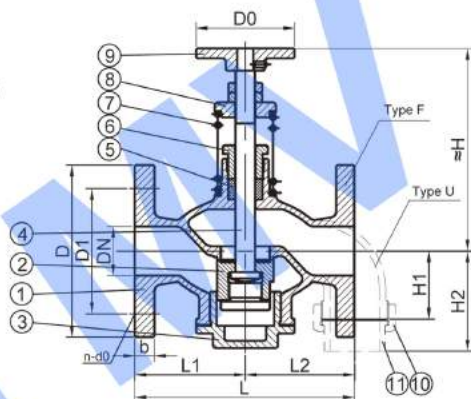
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	20K
Applicable temperature	≤205℃
Pressure rating	4.2MPa

PN	DN	d	L1	L2	L3	K	≈H	D	B2	D3	D0
20K	6	6	32	32	41	12	95	28	30	M20X1.5	63
	10	10	39	35	51	16	105	34	41	M24X2	80

DESCRIPTION: Straight type, Rg5 body, fuel oil tank self-closing drain valve.

APPLICATION: Start/stop and throttling of: Sea water, water, steam and oils etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Bonnet	Bronze
4	Stem	Brass
5	Packing	Graphite/PTFE
6	Gland	Brass
7	Spring	Steel
8	Spring seat	SS400
9	Handle	Brass
10	Union Nut	SS400
11	Nipple	SS400



General Specification

Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	0.1Mpa
Applicable temperature	≤205℃
Pressure rating	0.15MPa

DN	L	L1	L2	≈H	H1	H2	D	D1	b	n	d0	D0
25	130	65	65	130	40	67	125	90	14	4	19	70
40	180	90	100	165	60	96	140	105	16	4	19	80
50	220	110	130	195	75	116	155	120	16	4	19	80



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