PETROL STEEL

PRODUCT CATALOGUE

EDITION 3



PETROL STEEL CO., LTD

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DIN

VALVES ACCORDING TO EUROPEAN NORM (EN) & HISTORICALLY COMMON GERMAN STANDARD (DIN).



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.

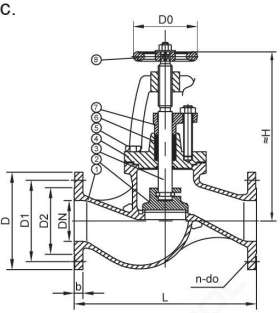
GLOBE VALVE
458822/21

DIN

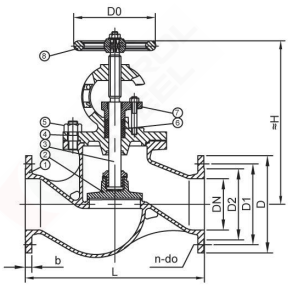
DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Start/stop and flow control of: Sea water, water, steam and oils etc. Suitable as sea direct.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Bolt/Nut	SS
6	Packing	PTFE
7	Gland	Bronze
8	Handwheel	Cast iron



DN 15~80



DN 100~350

General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)
	PN10(DN200)
	PN6(DN250~300)
	PN4(DN350)



DN	L	≈H	D	D1	D2	b	n	d0	D0
15	130	140	95	65	45	12	4	14	100
20	150	145	105	75	58	12	4	14	100
25	160	162	115	85	68	14	4	14	100
32	180	170	140	100	78	15	4	18	100
40	200	180	150	110	88	16	4	18	140
50	230	195	165	125	102	17	4	18	140
65	290	245	185	145	122	17	4	18	180
80	310	270	200	160	138	19	8	18	200
100	350	370	220	180	158	20	8	18	200
125	400	425	250	210	188	24	8	18	250
150	480	480	285	240	212	25	8	22	300
200	600	620	340	295	268	25	8	22	300
250	730	640	395	350	320	29	12	22	400
300	850	720	445	400	370	26	12	22	400
350	980	900	505	460	430	33	16	22	500
400	1100	1000	565	515	482	31	16	26	560

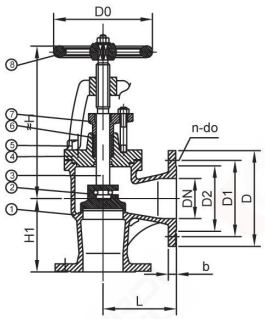
GLOBE VALVE
458922/21

DIN

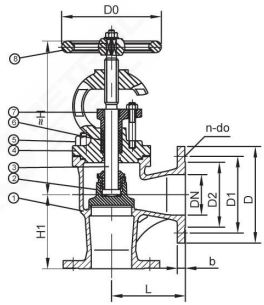
DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Start/stop and flow control of:
Sea water, water, steam and oils etc.
Suitable as sea direct.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Bolt/Nut	SS
6	Packing	PTFE
7	Gland	Bronze
8	Handwheel	Cast iron



DN 15~80



DN 100~350

General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)
	PN10(DN200)
	PN6(DN250~300)
	PN4(DN350)



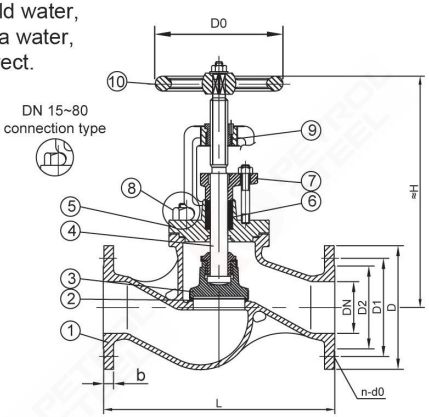
DN	L	≈H	H1	D	D1	D2	b	n	d0	D0
15	90	125	90	95	65	45	12	4	14	100
20	95	125	95	105	75	58	12	4	14	100
25	100	130	100	115	85	68	14	4	14	100
32	105	140	105	140	100	78	15	4	18	100
40	115	145	115	150	110	88	16	4	18	140
50	125	155	125	165	125	102	17	4	18	140
65	145	180	145	185	145	122	17	4	18	180
80	155	205	155	200	160	138	19	8	18	200
100	175	320	175	220	180	158	20	8	18	200
125	200	405	200	250	210	188	24	8	18	250
150	225	420	225	285	240	212	25	8	22	300
200	275	555	275	340	295	268	25	8	22	300
250	325	620	325	395	350	320	29	12	22	400
300	375	640	375	445	400	370	26	12	22	400
350	425	720	425	505	460	430	33	16	22	500

GLOBE VALVE
467002/01

DIN

DESCRIPTION: Straight type, nodular cast iron body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged connection.

APPLICATION: Aboard ships for hot and cold water, oil and steam. Start/stop and throttling of: Sea water, water, steam and oils etc. Suitable as sea direct.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	Bronze
3	Disc ≤65	Bronze
	Disc ≥80	Nodular Cast Iron +Brass
4	Stem	Brass
5	Bonnet	Nodular Cast Iron
6	Packing	PTFE
7	Gland	Bronze
8	Bolt/Nut	Q235A
9	Agile	Brass
10	Handwheel	Cast iron

General Specification	
Face to Face	DIN 558
Design Std	DIN 86251
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)



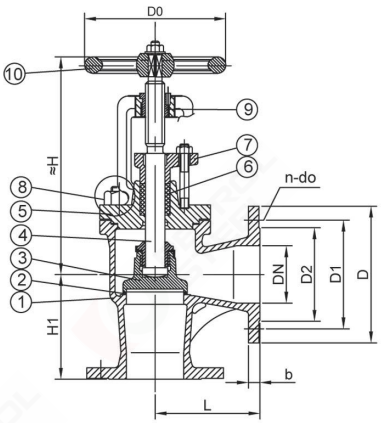
DN	L	≈H	D	D1	D2	b	n	d0	D0
15	130	165	95	65	45	16	4	14	100
20	150	165	105	75	58	16	4	14	100
25	160	175	115	85	68	16	4	14	100
32	180	180	140	100	78	18	4	18	100
40	200	220	150	110	88	18	4	18	140
50	230	230	165	125	102	20	4	18	140
65	290	245	185	145	122	20	4	18	180
80	310	295	200	160	138	22	8	18	200
100	350	330	220	180	158	24	8	18	200
125	400	365	250	210	188	26	8	18	250
150	480	420	285	240	212	26	8	22	300

GLOBE VALVE
467102/01

DIN

DESCRIPTION: Angled type, nodular cast iron body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged connection.

APPLICATION: Aboard ships for hot and cold water, oil and steam. Start/stop and throttling of: Sea water, water, steam and oils etc. Suitable as sea direct.



DN 15~80
connection type



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	Bronze
3	Disc ≤65	Bronze
	Disc ≥80	Nodular Cast Iron +Brass
4	Stem	Brass
5	Bonnet	Nodular Cast Iron
6	Packing	PTFE
7	Gland	Bronze
8	Bolt/Nut	Q235A
9	Agile	Brass
10	Handwheel	Cast iron



General Specification	
Face to Face	DIN 558
Design Std	DIN 86251
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)

DN	L	≈H	H1	D	D1	D2	b	n	d0	D0
15	90	173	90	95	65	45	16	4	14	100
20	95	173	95	105	75	58	16	4	14	100
25	100	173	100	115	85	68	16	4	14	100
32	105	190	105	140	100	78	18	4	18	100
40	115	225	115	150	110	88	18	4	18	140
50	125	235	125	165	125	102	20	4	18	140
65	145	246	145	185	145	122	20	4	18	180
80	155	274	155	200	160	138	22	8	18	200
100	175	303	175	220	180	158	24	8	18	200
125	200	310	200	250	210	188	26	8	18	250
150	225	360	225	285	240	212	26	8	22	300

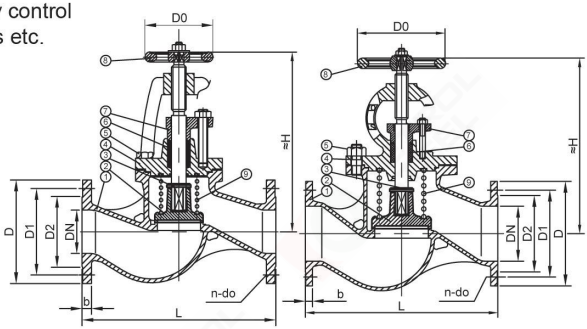
GLOBE VALVE (SDNR)
458822/21 -100

DIN

DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Start/stop and flow control of: Sea water, water, steam and oils etc. Suitable as sea direct.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Bolt/Nut	SS
6	Packing	PTFE
7	Gland	Bronze
8	Handwheel	Cast iron



DN 15~80 DN 100~350

General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)
	PN10(DN200)
	PN6(DN250~300)
	PN4(DN350)



DN	L	≈H	D	D1	D2	b	n	d0	D0
15	130	140	95	65	45	12	4	14	100
20	150	145	105	75	58	12	4	14	100
25	160	162	115	85	68	14	4	14	100
32	180	170	140	100	78	15	4	18	100
40	200	180	150	110	88	16	4	18	140
50	230	195	165	125	102	17	4	18	140
65	290	245	185	145	122	17	4	18	180
80	310	270	200	160	138	19	8	18	200
100	350	370	220	180	158	20	8	18	200
125	400	425	250	210	188	24	8	18	250
150	480	480	285	240	212	25	8	22	300
200	600	620	340	295	268	25	8	22	300
250	730	640	395	350	320	29	12	22	400
300	850	720	445	400	370	26	12	22	400
350	980	900	505	460	430	33	16	22	500
400	1100	1000	565	515	482	31	16	26	560

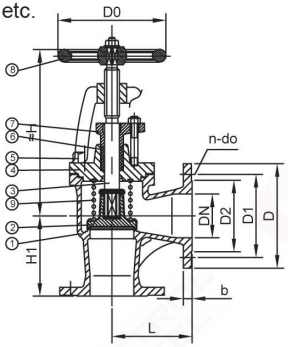
GLOBE VALVE (SDNR)
458922/21 -100

DIN

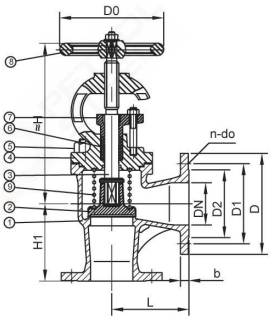
DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Start/stop and flow control of: Sea water, water, steam and oils etc. Suitable as sea direct.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Bolt/Nut	SS
6	Packing	PTFE
7	Gland	Bronze
8	Handwheel	Cast iron



DN 15~80



DN 100~350

General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)
	PN10(DN200)
	PN6(DN250~300)
	PN4(DN350)



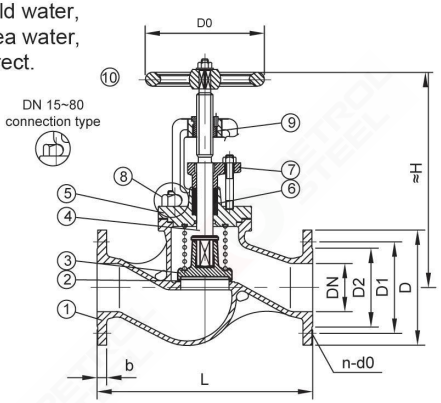
DN	L	≈H	H1	D	D1	D2	b	n	d0	D0
15	90	125	90	95	65	45	12	4	14	100
20	95	125	95	105	75	58	12	4	14	100
25	100	130	100	115	85	68	14	4	14	100
32	105	140	105	140	100	78	15	4	18	100
40	115	145	115	150	110	88	16	4	18	140
50	125	155	125	165	125	102	17	4	18	140
65	145	180	145	185	145	122	17	4	18	180
80	155	205	155	200	160	138	19	8	18	200
100	175	320	175	220	180	158	20	8	18	200
125	200	405	200	250	210	188	24	8	18	250
150	225	420	225	285	240	212	25	8	22	300
200	275	555	275	340	295	268	25	8	22	300
250	325	620	325	395	350	320	29	12	22	400
300	375	640	375	445	400	370	26	12	22	400
350	425	720	425	505	460	430	33	16	22	500

GLOBE VALVE (SDNR)
467002/01 -100

DIN

DESCRIPTION: Straight type, nodular cast iron body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged connection.

APPLICATION: Aboard ships for hot and cold water, oil and steam. Start/stop and throttling of: Sea water, water, steam and oils etc. Suitable as sea direct.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	Bronze
3	Disc ≤65	Bronze
	Disc ≥80	Nodular Cast Iron +Brass
4	Stem	Brass
5	Bonnet	Nodular Cast Iron
6	Packing	PTFE
7	Gland	Bronze
8	Bolt/Nut	Q235A
9	Agile	Brass
10	Handwheel	Cast iron

General Specification	
Face to Face	DIN 558
Design Std	DIN 86251
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)



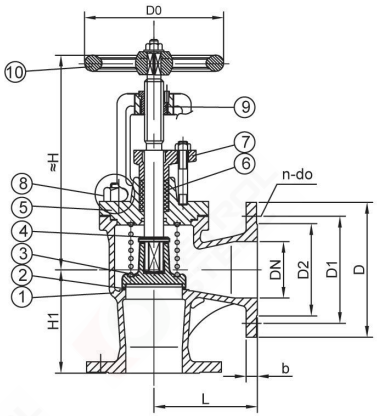
DN	L	≈H	D	D1	D2	b	n	d0	D0
15	130	165	95	65	45	16	4	14	100
20	150	165	105	75	58	16	4	14	100
25	160	175	115	85	68	16	4	14	100
32	180	180	140	100	78	18	4	18	100
40	200	220	150	110	88	18	4	18	140
50	230	230	165	125	102	20	4	18	140
65	290	245	185	145	122	20	4	18	180
80	310	295	200	160	138	22	8	18	200
100	350	330	220	180	158	24	8	18	200
125	400	365	250	210	188	26	8	18	250
150	480	420	285	240	212	26	8	22	300

GLOBE VALVE (SDNR)
467102/01-100

DIN

DESCRIPTION: Angled type, nodular cast iron body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Aboard ships for hot and cold water, oil and steam. Start/stop and throttling of: Sea water, water, steam and oils etc. Suitable as sea direct.



DN 15~80 connection type



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	Bronze
3	Disc ≤65	Bronze
	Disc ≥80	Nodular Cast Iron +Brass
4	Stem	Brass
5	Bonnet	Nodular Cast Iron
6	Packing	PTFE
7	Gland	Bronze
8	Bolt/Nut	Q235A
9	Agile	Brass
10	Handwheel	Cast iron
11	Spring	SS



General Specification	
Face to Face	DIN 558
Design Std	DIN 86251
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)

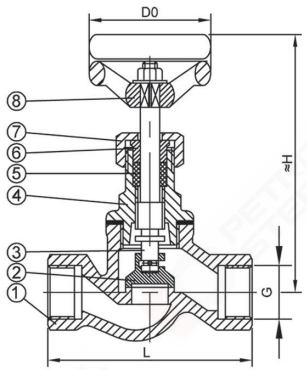
PN	DN	L	≈H	H1	D	D1	D2	b	n	d0	D0
10	15	90	173	90	95	65	45	16	4	14	100
	20	95	173	95	105	75	58	16	4	14	100
	25	100	173	100	115	85	68	16	4	14	100
	32	105	190	105	140	100	78	18	4	18	100
	40	115	225	115	150	110	88	18	4	18	140
	50	125	235	125	165	125	102	20	4	18	140
	65	145	246	145	185	145	122	20	4	18	180
	80	155	274	155	200	160	138	22	8	18	200
	100	175	303	175	220	180	158	24	8	18	200
	125	200	310	200	250	210	188	26	8	18	250
	150	225	360	225	285	240	212	26	8	22	300

GLOBE VALVE
456022

DIN

DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. ISO 228 female thread.

APPLICATION: Stop and throttling of: Sea water, water, oils and steam etc.

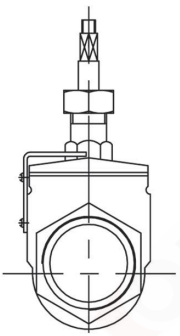




DN6-10 seal

NO.	PART NAME	Material
1	Body	Bronze
2	DN≤32 Disc	Brass
	DN40,50 Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron

General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

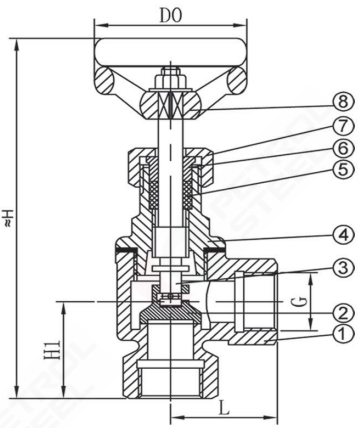


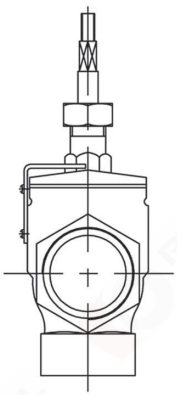
DN	L	≈H	G	D0
6	65	86	G 1/4 "	65
10	75	88	G 3/8 "	65
15	84	100	G 1/2 "	65
20	95	112	G 3/4 "	65
25	110	125	G 1 "	100
32	130	139	G 1-1/4 "	100
40	150	155	G 1-1/2 "	140
50	180	175	G 2 "	140

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. ISO 228 female thread.

APPLICATION: Sea water, water and low pressure steam. Stop and flow throttling of: Sea water,water steam and oils etc.





NO.	PART NAME	Material
1	Body	Bronze
2	DN≤32 Disc	Brass
	DN40,50 Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron

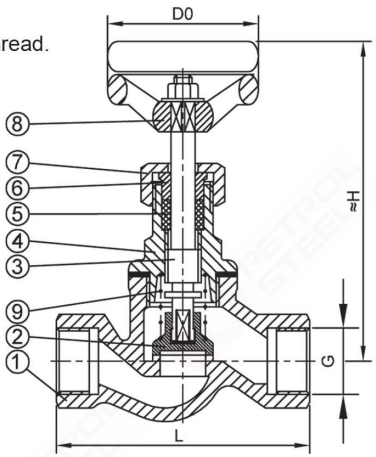
General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

DN	L	≈H	H1	G	D0
15	35	125	35	G 1/2 "	65
20	40	143	40	G 3/4 "	65
25	45	158	45	G 1 "	100
32	54	176	54	G 1-1/4 "	100
40	65	220	65	G 1-1/2 "	140
50	80	283	80	G 2 "	140

GLOBE VALVE (SDNR)
456022 -100

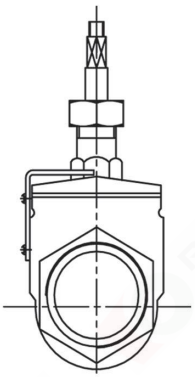
DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. ISO 228 female thread.

APPLICATION: Stop and throttling of: Sea water, water, oils and steam etc.



NO.	PART NAME	Material
1	Body	Bronze
2	DN≤32 Disc	Brass
	DN40,50 Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron
9	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16



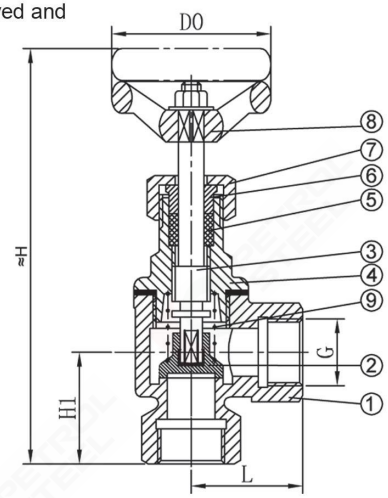
DN	L	≈H	G	D0
15	84	100	G 1/2 "	65
20	95	112	G 3/4 "	65
25	110	125	G 1 "	100
32	130	139	G 1-1/4 "	100
40	150	155	G 1-1/2 "	140
50	180	175	G 2 "	140

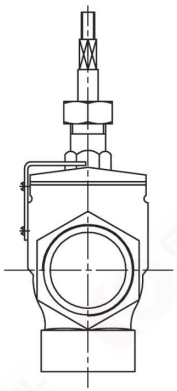
GLOBE VALVE (SDNR)
456122-100

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. ISO 228 female thread.

APPLICATION: Sea water, water and low pressure steam. Stop and flow throttling of: Sea water,water steam and oils etc.





NO.	PART NAME	Material
1	Body	Bronze
2	DN≤32 Disc	Brass
	DN40,50 Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron
9	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

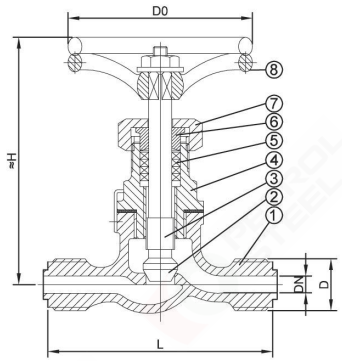
DN	L	≈H	H1	G	D0
15	35	125	35	G 1/2 "	65
20	40	143	40	G 3/4 "	65
25	45	158	45	G 1 "	100
32	54	176	54	G 1-1/4 "	100
40	65	220	65	G 1-1/2 "	140
50	80	283	80	G 2 "	140

DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet.
GOST 2822 male thread.

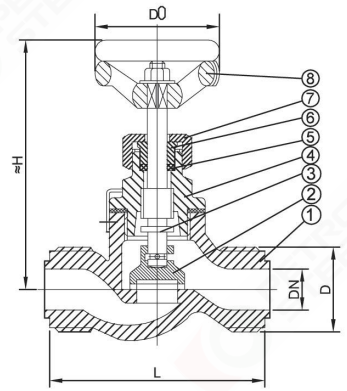
APPLICATION: Sea water, water and low pressure steam. Stop and flow throttling of: Sea water,water, steam and oils etc.

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

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16



DN 6~10



DN 15~32

DN	L	≈H	D	D0
6	78	90	M18X1.5	65
10	80	90	M22X1.5	65
15	95	100	M30X2	65
20	110	112	M36X2	65
25	125	128	M42X2	100
32	145	136	M48X2	100

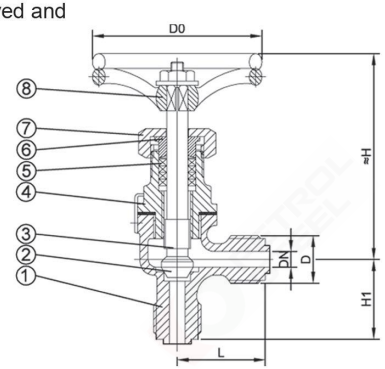
DIN

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

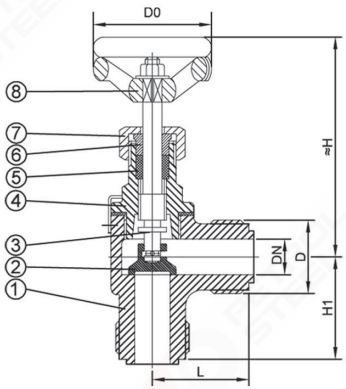
APPLICATION: Sea water, water and low pressure steam. Stop and flow throttling of: Sea water,water, steam and oils etc.

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

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16



DN 6~10



DN 15~32

DN	L	≈H	H1	D	D0
6	34	77	32	M18X1.5	65
10	34	78	32	M22X1.5	65
15	46	91	40	M30X2	65
20	49	100	44	M36X2	65
25	53	113	48	M42X2	100
32	58	121	56	M48X2	100

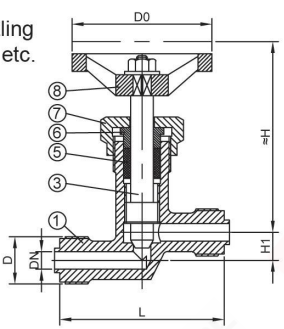
GLOBE VALVE
456224

DIN

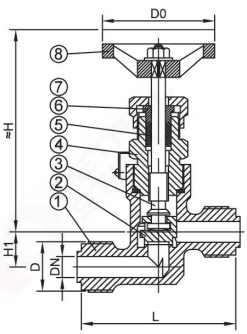
DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

APPLICATION: Stop and flow throttling of: Sea water, water, oils and steam etc.

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



DN 6~10



DN 15~32

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	4.0/10.0MPa
Applicable temperature	≤200℃
Pressure rating	PN40,PN100



PN	DN	L	≈H	H1	D	D0
40	15	110	144	25	M36X2	100
	20	116	154	32	M39X2	100
	25	130	168	38	M48X2	140
	32	140	190	46	M56X2	140
100	6	74	90	12	M22X1.5	65
	10	94	109	16	M27X1.5	80
	15	120	155	27	M36X2	140
	20	134	185	32	M39X2	140
	25	134	195	38	M48X2	140
	32	146	210	46	M56X2	140

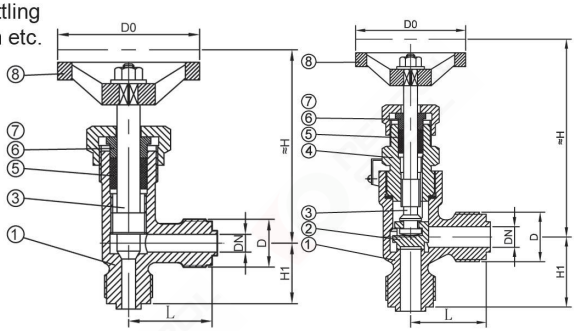
GLOBE VALVE
456424

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

APPLICATION: Stop and flow throttling of: Sea water, water, oils and steam etc.

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



General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	4.0/10.0MPa
Applicable temperature	≤200℃
Pressure rating	PN40,PN100



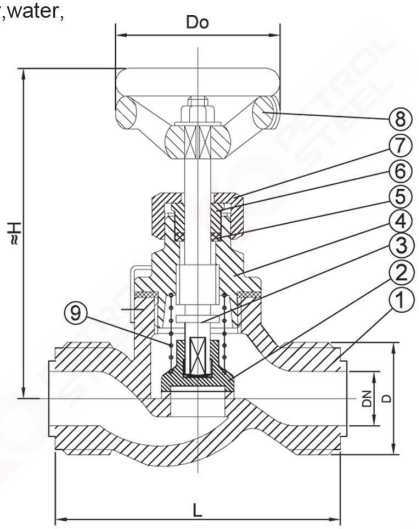
PN	DN	L	≈H	H1	D	D0
40	15	55	144	52	M36X2	100
	20	58	154	55	M39X2	100
	25	65	168	64	M48X2	140
	32	70	190	72	M56X2	140
100	6	37	90	32	M22X1.5	65
	10	47	109	38	M27X1.5	80
	15	60	155	52	M36X2	140
	20	67	185	55	M39X2	140
	25	67	195	64	M48X2	140
	32	73	210	75	M56X2	140

GLOBE VALVE
456522 -100

DIN

DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

APPLICATION: Sea water, water and low pressure steam. Stop and flow throttling of: Sea water,water, steam and oils etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron
9	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

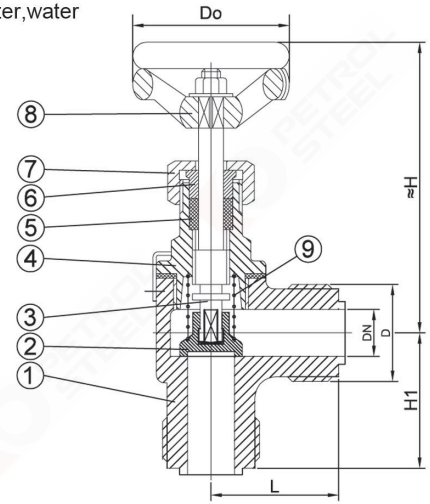
DN	L	≈H	D	D0
15	95	100	M30X2	50
20	110	112	M36X2	65
25	125	128	M42X2	80
32	145	136	M48X2	80

GLOBE VALVE (SDNR)
456622-100

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

APPLICATION: Sea water, water and low pressure steam. Stop and flow throttling of: Sea water,water steam and oils etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron
9	Spring	SS

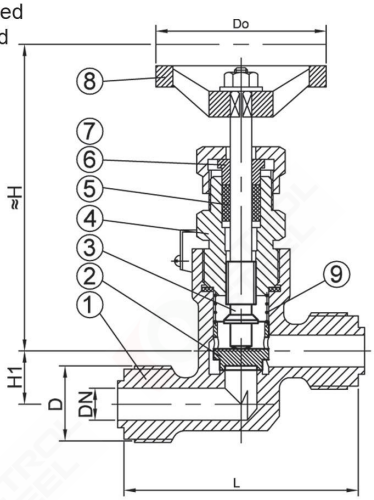
General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

DN	L	≈H	H1	D	D0
15	46	91	40	M30X2	50
20	49	100	44	M36X2	65
25	53	113	48	M42X2	80
32	58	121	56	M48X2	80

GLOBE VALVE (SDNR)
456224 -100

DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

APPLICATION: Stop and flow throttling of: Sea water, water, oils and steam etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron
9	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	4.0/10.0MPa
Applicable temperature	≤200℃
Pressure rating	PN40,PN100



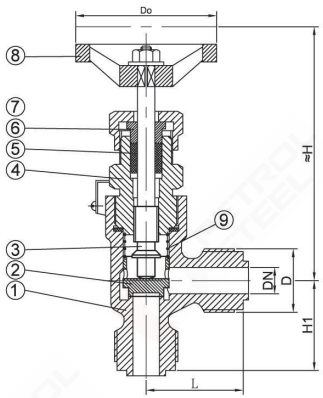
PN	DN	L	≈H	H1	D	D0
40	10	94	109	16	M27X1.5	80
	15	110	144	25	M36X2	100
	20	116	154	32	M39X2	100
	25	130	168	38	M48X2	140
	32	140	190	46	M56X2	140
100	15	120	155	27	M36X2	140
	20	134	185	32	M39X2	140
	25	134	195	38	M48X2	140
	32	146	210	46	M56X2	140

GLOBE VALVE (SDNR)
456424-100

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. GOST 2822 male thread.

APPLICATION: Stop and flow throttling of: Sea water, water, oils and steam etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Gland Nut	Brass
8	Handwheel	Cast iron
9	Spring	SS



General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	4.0/10.0MPa
Applicable temperature	≤200℃
Pressure rating	PN40,PN100

PN	DN	L	≈H	H1	D	D0
40	10	47	109	38	M27X1.5	80
	15	55	144	52	M36X2	100
	20	58	154	55	M39X2	100
	25	65	168	64	M48X2	140
	32	70	190	72	M56X2	140
100	15	60	155	52	M36X2	140
	20	67	185	55	M39X2	140
	25	67	195	64	M48X2	140
	32	73	210	75	M56X2	140

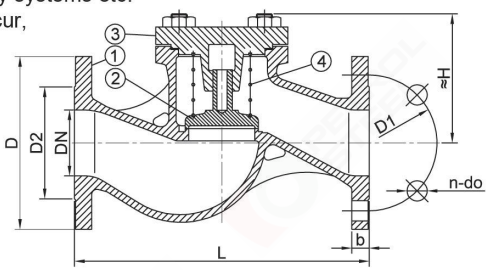
LIFT GLOBE VALVE
472022/21

DESCRIPTION: Straight type, Rg5 body, metal seated spring loaded lift check valve. Raised face flanged.

DN 15~80
connection type

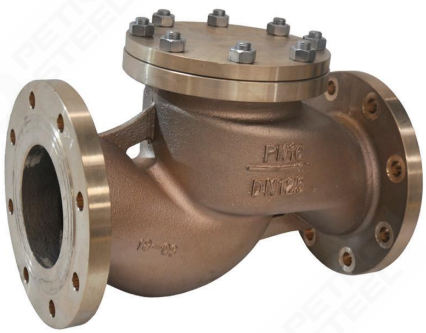


APPLICATION: Sea water, fresh water and waste water. Preventing backflow in sea water, sanitary systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Spring	SS

General Specification		
Face to Face	DIN 558	
Design Std	DIN 86262	
Flange Std	EN1092(DIN2501)	
Test Std	EN 12266	
Applicable temperature		≤200℃
Pressure rating	PN16(DN15~150)	



DN	L	≈H	D	D1	D2	b	n	d0
15	130	84	95	65	45	12	4	14
20	150	84	105	75	58	12	4	14
25	160	84	115	85	68	14	4	14
32	180	90	140	100	78	15	4	18
40	200	101	150	110	88	16	4	18
50	230	110	165	125	102	17	4	18
65	290	136	185	145	122	17	4	18
80	310	158	200	160	138	19	8	18
100	350	170	220	180	158	20	8	18
125	400	180	250	210	188	24	8	18
150	480	200	285	240	212	25	8	22

LIFT CHECK VALVE
472002/01

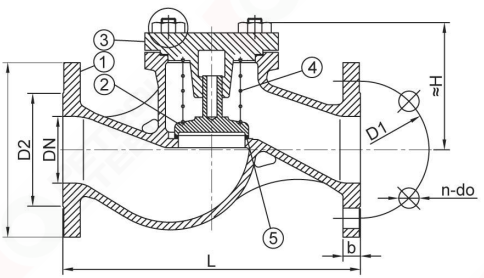
DIN

DESCRIPTION: Straight type, nodular cast iron body, metal seated spring loaded lift check valve. Raised face flanged.

APPLICATION: Cold and hot water, gases, steam and other neutral liquids. Preventing backflow in air, steam, water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Nodular Cast Iron
3	Disc ≤65	Bronze
	Disc ≥80	Nodular Cast Iron +Brass
3	Bonnet	Nodular Cast Iron
4	Spring	SS
5	Seat	Bronze

DN 15~80
connection type



General Specification	
Face to Face	DIN 558
Design Std	DIN 86251
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤200℃
Pressure rating	PN16(DN15~150)

DN	L	≈H	D	D1	D2	b	n	d0
15	130	84	95	65	45	12	4	14
20	150	84	105	75	58	12	4	14
25	160	84	115	85	68	14	4	14
32	180	90	140	100	78	15	4	18
40	200	101	150	110	88	16	4	18
50	230	110	165	125	102	17	4	18
65	290	136	185	145	122	17	4	18
80	310	158	200	160	138	19	8	18
100	350	170	220	180	158	20	8	18
125	400	180	250	210	188	24	8	18
150	480	200	285	240	212	25	8	22

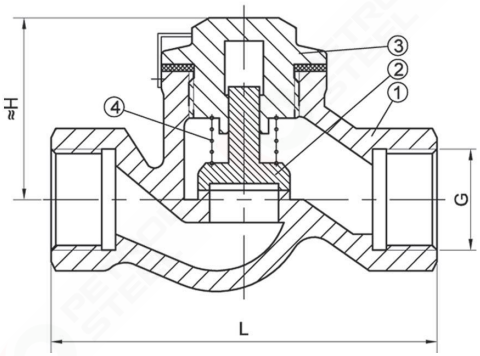
LIFT GLOBE VALVE
470022

DIN

DESCRIPTION: Straight type, Rg5 body, metal seated lift check valve. ISO 228 female thread.

APPLICATION: Preventing backflow in air, steam, water, sea water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	DN≤32 Disc	Brass
	DN40,50 Disc	Bronze
3	Bonnet	Bronze
4	Spring	SS



General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

DN	L	≈H	G
15	84	46	G 1/2 "
20	95	52	G 3/4 "
25	110	57	G 1 "
32	130	64	G 1-1/4 "
40	150	72	G 1-1/2 "
50	180	80	G 2 "

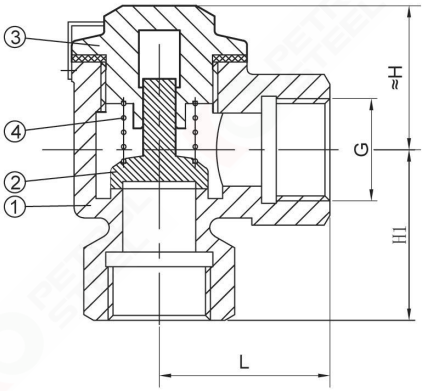
LIFT CHECK VALVE
470222

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated lift check valve. ISO 228 female thread.

APPLICATION: Preventing backflow in air, steam, water, sea water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	DN≤32 Disc	Brass
	DN40,50 Disc	Bronze
3	Bonnet	Bronze
4	Spring	SS



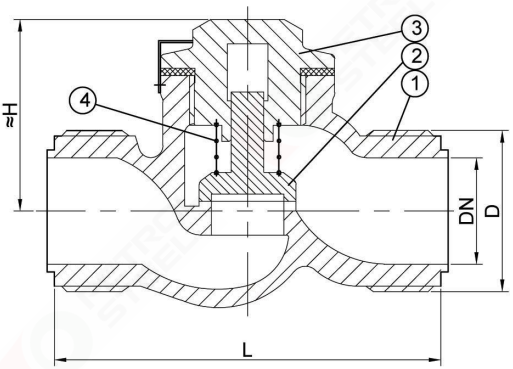
General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

DN	L	≈H	H1	G
15	35	46	35	G 1/2 "
20	40	52	40	G 3/4 "
25	45	57	45	G 1 "
32	54	64	54	G 1-1/4 "
40	65	72	65	G 1-1/2 "
50	80	80	80	G 2 "

DESCRIPTION: Straight type, Rg5 body, metal seated check valve. GOST 2822 male thread.

APPLICATION: Preventing backflow in air, steam, water, sea water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Bonnet	Bronze
4	Spring	SS



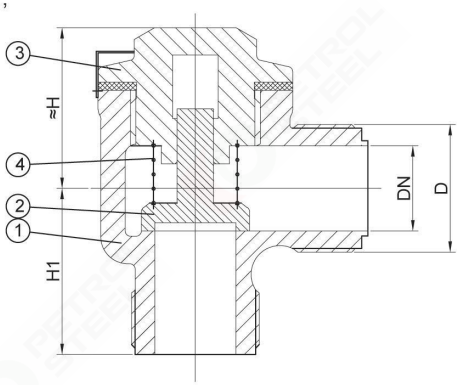
General Specification	
Design Std	BS5154
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

DN	L	≈H	D
15	95	37	M30X2
20	110	43	M36X2
25	125	54	M42X2
32	145	64	M48X2

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated check valve. GOST 2822 male thread.

APPLICATION: Preventing backflow in air, steam, water, sea water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Bonnet	Bronze
4	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.6MPa
Applicable temperature	≤200℃
Pressure rating	PN16

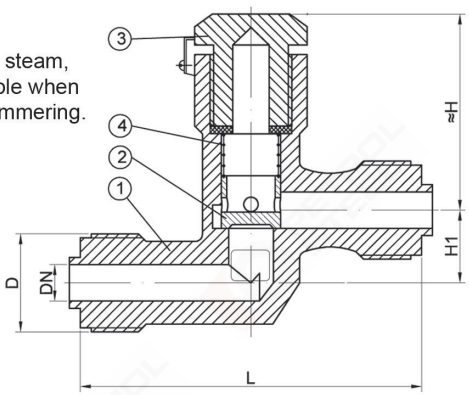
DN	L	≈H	H1	D
15	42	34	37	M30X2
20	47	36	42	M36X2
25	53	40	48	M42X2
32	58	47	56	M48X2

CHECK VALVE
472224

DIN

DESCRIPTION: Straight type, Rg5 body, metal seated check valve with GOST 2822 male thread.

APPLICATION: Preventing backflow in air, steam, water, sea water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Bonnet	Bronze
4	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	4.0MPa
Applicable temperature	≤200℃
Pressure rating	PN40



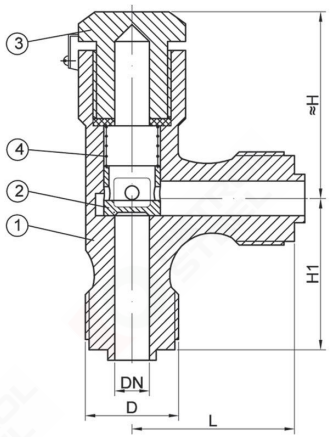
DN	L	H	H1	D
10	94	54	20	M27X1.5
15	110	61	25	M36X2
20	116	65	32	M39X2
25	130	70	38	M48X2
32	140	84	46	M56X2

CHECK VALVE
472424

DIN

DESCRIPTION: Angled type, Rg5 body, metal seated check valve with GOST 2822 male thread.

APPLICATION: Preventing backflow in air, steam, water, sea water and oil systems etc. Suitable when rapid flow reversal can occur, to prevent hammering.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Bonnet	Bronze
4	Spring	SS

General Specification	
Design Std	BS5154
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	4.0MPa
Applicable temperature	≤200℃
Pressure rating	PN40

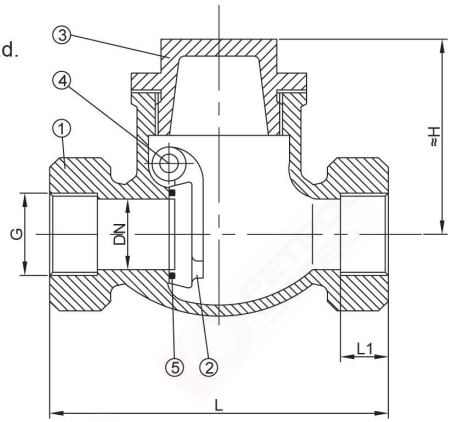


DN	L	H	H1	D
10	47	54	41	M27X1.5
15	55	61	52	M36X2
20	58	65	55	M39X2
25	65	70	64	M48X2
32	70	84	72	M56X2

SWING CHECK VALVE
304222

DESCRIPTION: Straight type, Rg5 body, metal seated swing check valve. ISO 228 female thread.

APPLICATION: Preventing backflow in air, water, sea water and oil systems etc. Suitable for vertical installation.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Arm	Brass
5	Seal	NBR

General Specification	
Design Std	
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.0MPa
Applicable temperature	≤100℃
Pressure rating	PN10



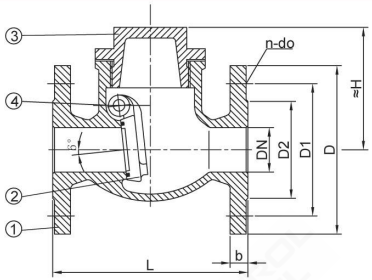
DN	L	≈H	G
10	60	38	G 3/8 "
15	60	38	G 1/2 "
20	70	49	G 3/4 "
25	80	55	G 1 "
32	95	59	G 1-1/4 "
40	105	69	G 1-1/2 "
50	130	78	G 2 "
65	160	94	G 2-1/2 "
80	184	130	G 3 "
100	215	150	G 4 "

SWING CHECK VALVE
370222

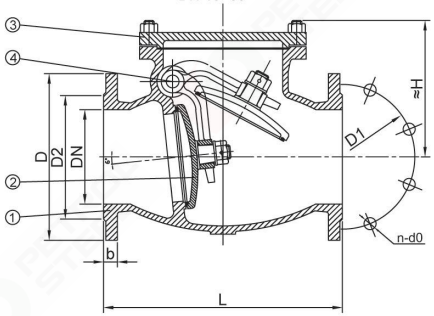
DIN

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

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



DN 15~65



DN 80~150



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Plug	Brass
5	Seal	NBR

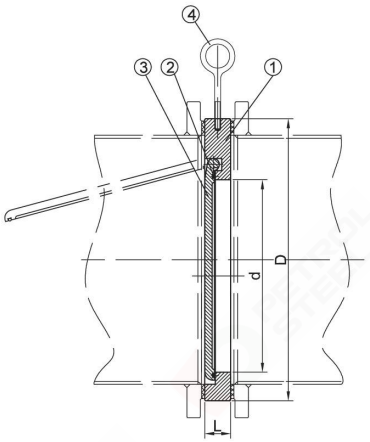
General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN16

DN	L	≈H	D	D1	D2	b	n	do
15	100	55	95	65	45	10	4	14
20	110	65	105	75	58	10	4	14
25	110	69	115	85	68	10	4	14
32	130	90	140	100	78	12	4	18
40	140	95	150	110	88	12	4	18
50	160	109	165	125	102	14	4	18
65	200	120	185	145	122	17	4	18
80	250	145	200	160	138	19	8	18
100	300	152	220	180	158	20	8	18
125	350	165	250	210	188	22	8	18
150	400	190	285	240	212	22	8	22

SWING CHECK VALVE
305071

DESCRIPTION: Wafer type Al bronze swing check valve with NBR soft sealing.

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



NO.	PART NAME	Material
1	Body	AL-Bronze
2	O-Ring	NBR
3	Disc	AL-Bronze
4	Rings	SS

General Specification	
Design Std	
Flange Std	
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN10



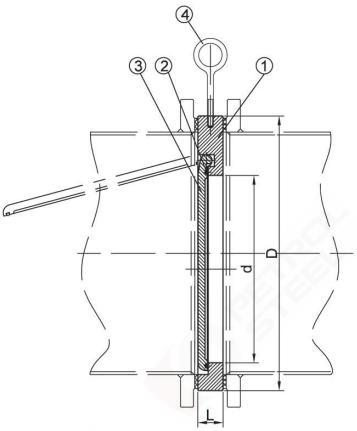
DN	L	d	D
50	14	26	108
65	14	36	128
80	14	48	144
100	18	68	164
125	18	86	194
150	20	105	220
200	29	140	275
250	29	178	330
300	38	218	380
350	41	260	440
400	51	306	490
450	51	358	535
500	61	398	596
600	64	475	696

SWING CHECK VALVE
305071

DIN

DESCRIPTION: Wafer type nodular cast iron swing check valve with NBR soft sealing.

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



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	O-Ring	NBR
3	Disc	Bronze
4	Rings	SS

General Specification	
Design Std	
Flange Std	
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN10



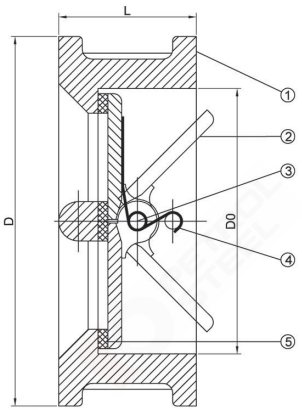
DN	L	d	D
50	14	26	108
65	14	36	128
80	14	48	144
100	18	68	164
125	18	86	194
150	20	105	220
200	29	140	275
250	29	178	330
300	38	218	380
350	41	260	440
400	51	306	490
450	51	358	535
500	61	398	596
600	64	475	696

DUAL PLATE CHECK VALVE
315102/01

DIN

DESCRIPTION: Wafer type, NBR lined bronze body, spring tensioned dual check valve with soft sealing bronze plates.

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



NO.	PART NAME	Material
1	Body	Bronze
2	Valve clack	Bronze
3	Clack shaft	SS
4	Spring	Spring steel
5	Seal	NBR

General Specification	
Face to Face	ISO 5752
Design Std	API 594
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN16



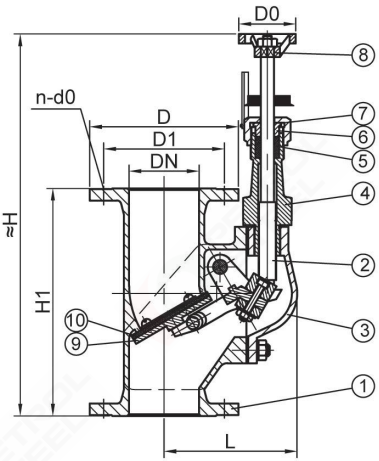
DN	L	D	D0
50	43	107	65
65	46	127	80
80	64	142	94
100	64	162	117
125	70	192	145
150	76	218	170
200	89	273	224
250	114	328	265
300	114	378	310
350	127	438	360
400	140	489	410
450	152	539	450
500	152	594	505
600	178	690	624
700	229	800	720

STORM FLAP VALVE
159721

DIN

DESCRIPTION: Straight type closable check valve. Rg5 body. Metal seated disc. Raised face PN6 flanged.

APPLICATION: Ship side valve for discharge from various sanitary systems. Preventing sea water from entering the piping system. Manually closable at e.g. dry docking. Sanitary piping systems which have a ship's side exit.



NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Sleeve	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Nut	Brass
8	Handwheel	Cast iron
9	Disc	Bronze
10	Seal	NBR

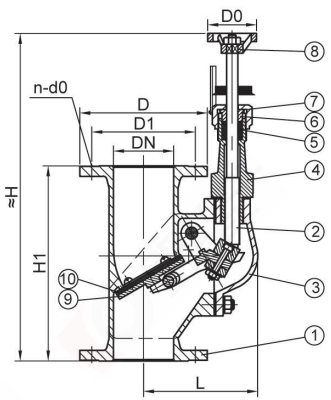


General Specification	
Face to Face	
Design Std	DIN
Flange Std	EN1092(DIN2501) PN6
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN4(DN50~150)

DN	≈L	≈H	H1	D	D1	n	d0	D0
50	140	400	210	140	110	4	14	100
65	142	425	240	160	130	4	14	100
80	155	440	260	190	150	4	18	100
100	172	470	280	210	170	4	18	100
125	195	510	330	240	200	8	18	100
150	213	545	360	265	225	8	18	140

DESCRIPTION: Straight type closable check valve. Nodular cast iron body. Metal seated disc. Raised face PN6 flanged.

APPLICATION: Sanitary piping systems which have a ship's side exit. Ship side valve for discharge from various sanitary systems. Preventing sea water from entering the piping system. Manually closable at e.g. dry docking.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Stem	Brass
3	Bonnet	Nodular Cast Iron
4	Sleeve	Bronze
5	Packing	PTFE
6	Gland	Brass
7	Nut	Brass
8	Handwheel	Cast iron
9	Disc	Bronze
10	Seal	NBR

General Specification	
Face to Face	
Design Std	DIN
Flange Std	EN1092(DIN2501) PN6
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN4(DN50~150)

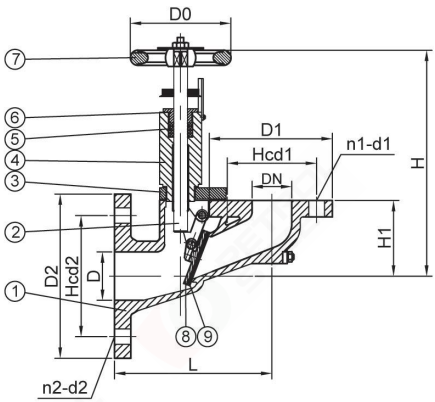
DN	≈L	≈H	H1	D	D1	n	d0	D0
50	140	400	210	140	110	4	14	100
65	142	425	240	160	130	4	14	100
80	155	440	260	190	150	4	18	100
100	172	470	280	210	170	4	18	100
125	195	510	330	240	200	8	18	100
150	213	545	360	265	225	8	18	140

STORM FLAP VALVE
159121

DIN

DESCRIPTION: Angled type closable check valve. Rg5 body. Metal seated disc. Flat face PN10 flanged. Different inlet/outlet diameter.

APPLICATION: Sanitary piping systems which have a ship's side exit. Ship side valve for discharge from various sanitary systems. Preventing sea water from entering the piping system. Manually closable at e.g. dry docking.



NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Sleeve	Brass
5	Packing	PTFE
6	Gland	Brass
7	Handwheel	Cast iron
8	Disc	Bronze
9	Seal	NBR



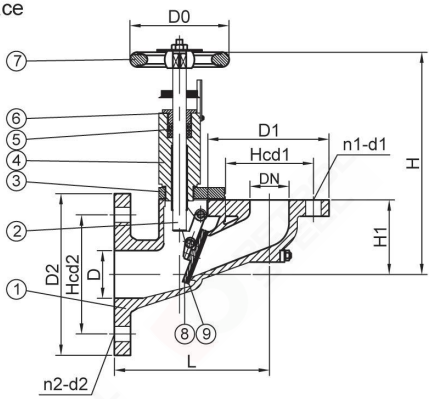
General Specification		
Face to Face	DIN HNA Sr 6	
Design Std	DIN HNA Sr 6 Form B	
Flange Std	EN1092(DIN2501) PN10	
Test Std	EN 12266	
Applicable temperature		≤100℃
Pressure rating	PN4(DN50~250)	

DN	L	≈H	H1	D1	Hcd1	n1	d1	D	D2	Hcd2	n2	d2	D0
50	180	335	90	165	125	4	18	70	200	160	8	18	140
65	200	345	100	185	145	4	18	85	220	180	8	18	140
80	215	360	108	200	160	8	18	100	250	210	8	18	140
100	250	370	130	220	180	8	18	130	285	240	8	22	140
125	290	460	152	250	210	8	18	158	340	295	8	22	180
150	330	490	176	285	240	8	22	190	395	350	12	22	180
200	425	580	180	340	295	8	22	240	445	400	12	22	180
250	630	730	300	395	350	12	22	300	505	460	16	22	200

STORM FLAP VALVE
159101

DESCRIPTION: Angled type closable check valve. Nodular cast iron body. Metal seated disc. Flat face PN10 flanged. Different inlet/outlet diameter.

APPLICATION: Sanitary piping systems which have a ship's side exit. Ship side valve for discharge from various sanitary systems. Preventing sea water from entering the piping system. Manually closable at e.g. dry docking.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Stem	Brass
3	Bonnet	Nodular Cast Iron
4	Sleeve	Brass
5	Packing	PTFE
6	Gland	Brass
7	Handwheel	Cast iron
8	Disc	Bronze
9	Seal	NBR

General Specification	
Face to Face	DIN HNA Sr 6
Design Std	DIN HNA Sr 6 Form B
Flange Std	EN1092(DIN2501) PN10
Test Std	EN 12266
Applicable temperature	≤100℃
Pressure rating	PN4(DN50~250)



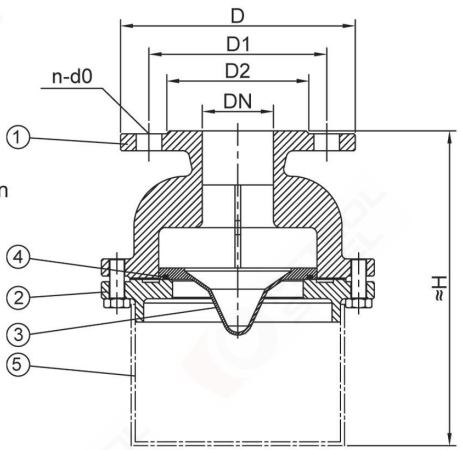
DN	L	≈H	H1	D1	Hcd1	n1	d1	D	D2	Hcd2	n2	d2	D0
50	180	335	90	165	125	4	18	70	200	160	8	18	140
65	200	345	100	185	145	4	18	85	220	180	8	18	140
80	215	360	108	200	160	8	18	100	250	210	8	18	140
100	250	370	130	220	180	8	18	130	285	240	8	22	140
125	290	460	152	250	210	8	18	158	340	295	8	22	180
150	330	490	176	285	240	8	22	190	395	350	12	22	180
200	425	580	180	340	295	8	22	240	445	400	12	22	180
250	630	730	300	395	350	12	22	300	505	460	16	22	200

FOOT VALVE
485421

DIN

DESCRIPTION: Rg5 body, combination of screend suction inlet and soft sealing disc check valve. Raised face flanged.

APPLICATION: Water and natural liquids. Tank bottom suction for a wide range of non aggressive medias.



NO.	PART NAME	Material
1	Body	Bronze
2	Bonnet	Bronze
3	Disc	Bronze
4	Seal	NBR
5	Filter	SS

General Specification		
Face to Face		
Design Std	DIN	
Flange Std	EN1092(DIN2501)	
Test Std	EN 12266	
Applicable temperature		≤100℃
Pressure rating	PN10	

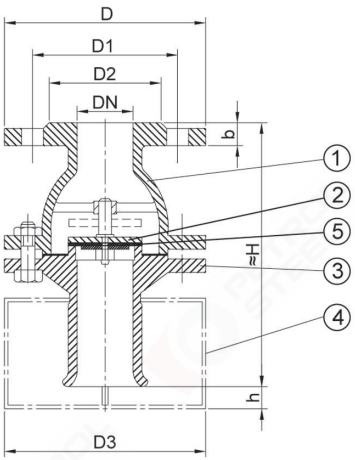


DN	≈H	D	D1	D2	n	d0
40	230	150	110	88	4	18
50	230	165	125	102	4	18
65	280	185	145	122	4	18
80	300	200	160	138	8	18
100	315	220	180	158	8	18

SUCTION NON RETURN VALVE
485401

DESCRIPTION: Rg5 body, combination of screend suction inlet and soft sealing disc check valve. Raised face flanged.

APPLICATION: Water and natural liquids, sea water and oil etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Filter	SS
5	Seal	NBR

General Specification		
Face to Face		
Design Std		
Flange Std	EN1092(DIN2501) PN6	
Test Std	EN 12266	
Applicable temperature		≤100℃
Pressure rating	PN6	



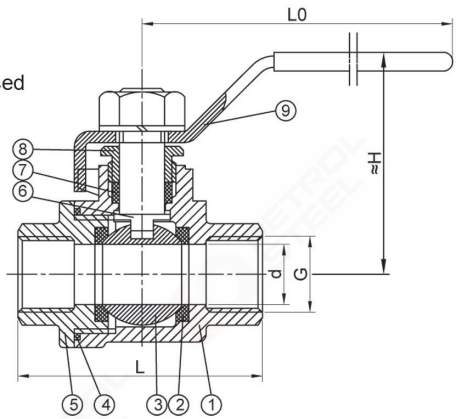
DN	≈H	h	D3	D	D1	D2	n	d0	b
32	150	12	103	120	90	70	4	14	15
40	170	15	124	130	100	80	4	14	16
50	194	18	134	140	110	90	4	14	17
65	210	22	144	160	130	110	4	14	17
80	230	25	168	190	150	128	4	18	19
100	269	30	204	210	170	148	4	18	20
125	290	38	266	240	200	178	8	18	20
150	335	45	302	265	225	202	8	18	20
200	395	62	396	320	280	258	8	18	22
250	508	75	456	375	335	312	12	18	24

BALL VALVE
443022

DIN

DESCRIPTION: Two piece, full bore, Rg5 body ball valve with SUS 304 ball and PTFE seat ring. ISO 228 female threaded ends.

APPLICATION: Start/stop flow of: Compressed air, gases and liquids.Typically also used for drain and vent purposes.



NO.	PART NAME	Material
1	Body	Bronze
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Bronze
6	Stem	SS
7	Packing	PTFE
8	Gland	Brass
9	Hand lever	SUS201

General Specification	
Design Std	
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16



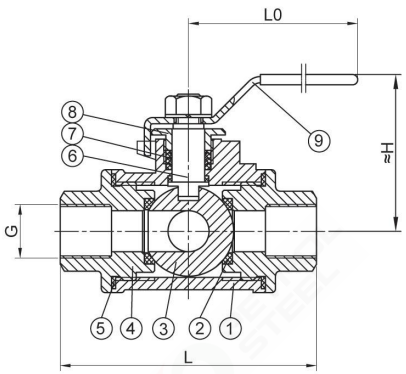
DN	d	L	≈H	G	L0
6	11	55	50	G 1/4 "	104
10	11	55	50	G 3/8 "	104
15	16	65	60	G 1/2 "	115
20	20	77	63	G 3/4 "	115
25	25	87	80	G 1 "	132
32	32	105	84	G 1-1/4 "	132
40	40	115	96	G 1-1/2 "	154
50	50	126	104	G 2 "	154

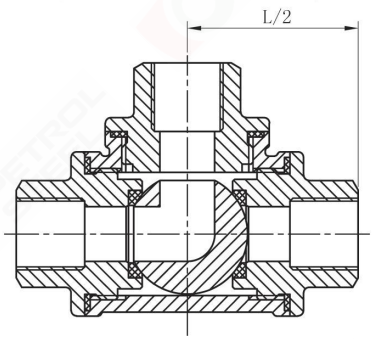
BALL VALVE
443022-700

DIN

DESCRIPTION: 3-way full bore Rg5 ball valve with SUS 304 ball and PTFE seat ring. ISO 228 female threaded end.

APPLICATION: Stop and distribution valve for: Compressed air, gases and liquids in general etc.





NO.	PART NAME	Material
1	Body	Bronze
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Bronze
6	Stem	SS
7	Packing	PTFE
8	Gland	Brass
9	Hand lever	SUS201

General Specification		
Design Std		
Thread Std	ISO 228	
Test Std	EN 12266	
Nominal pressure		2.5Mpa
Applicable temperature		≤200℃
Pressure rating	PN25	



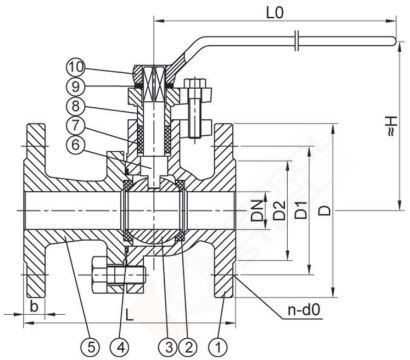
DN	L	≈H	G	L0
15	110	70	G 1/2 "	132
20	125	80	G 3/4 "	154
25	130	100	G 1 "	154
32	144	100	G 1-1/4 "	154
50	180	125	G 2 "	200

BALL VALVE
445102

DIN

DESCRIPTION: Two piece, full bore, nodular cast iron body ball valve with SUS 304 ball and PTFE seat ring. Raised face flanged.

APPLICATION: Water, Conditioning, Gas, Heating, Industry, Fire fighting. Start/stop flow of: Compressed air, gases and liquids. Typically also used for drain and vent purposes.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Nodular Cast Iron
6	Stem	SS
7	Packing	PTFE
8	Gland	Bronze
9	Position board	SS
10	Hand lever	SS/WCB

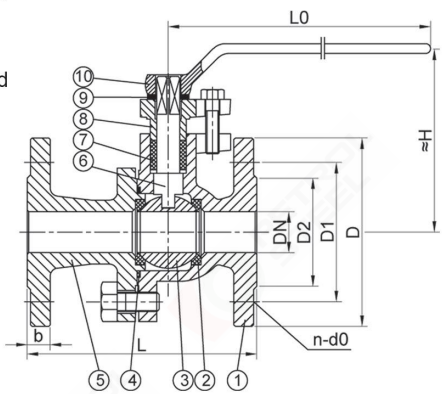


General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16

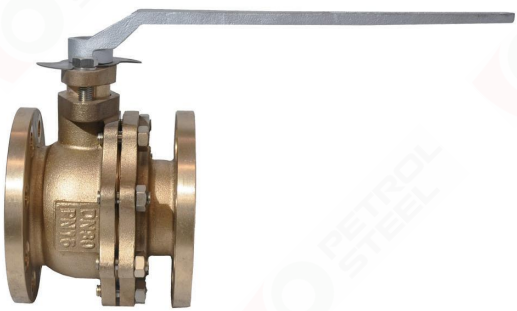
DN	L	H	D	D1	D2	b	n	d0	L0
15	115	90	95	65	45	14	4	14	157
20	120	100	105	75	58	14	4	14	170
25	125	115	115	85	68	14	4	14	170
32	130	135	140	100	78	15	4	18	170
40	140	150	150	110	88	16	4	18	200
50	150	165	165	125	102	16	4	18	200
65	170	195	185	145	122	18	4	18	200
80	180	215	200	160	138	20	8	18	405

DESCRIPTION: Two piece, full bore, Rg5 body ball valve with SUS 304 ball and PTFE seat ring. Raised face flanged. With direct mounting pad.

APPLICATION: Start/stop flow of: Compressed air, gases and liquids. Typically also used for drain and vent purposes.



NO.	PART NAME	Material
1	Body	Bronze
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Bronze
6	Stem	SS
7	Packing	PTFE
8	Gland	Bronze
9	Position board	SS
10	Hand lever	SS/WCB



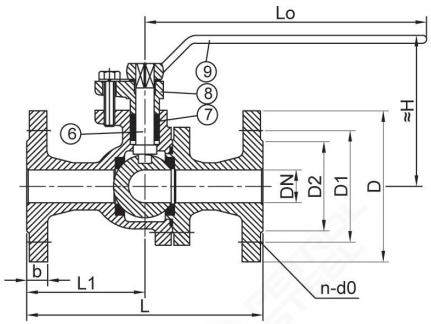
General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16

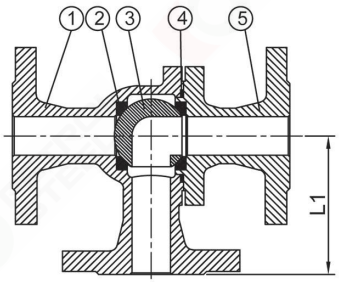
DN	L	H	D	D1	D2	b	n	d0	L0
15	115	90	95	65	45	14	4	14	157
20	120	100	105	75	58	14	4	14	170
25	125	115	115	85	68	14	4	14	170
32	130	135	140	100	78	15	4	18	170
40	140	150	150	110	88	16	4	18	200
50	150	165	165	125	102	16	4	18	200
65	170	195	185	145	122	18	4	18	200
80	180	215	200	160	138	20	8	18	405
100	190	250	220	180	158	22	8	18	405

DIN

DESCRIPTION: 3-way L-port full bore bronze ball valve with SUS 304 ball and PTFE seating ring. Raised face flanged.

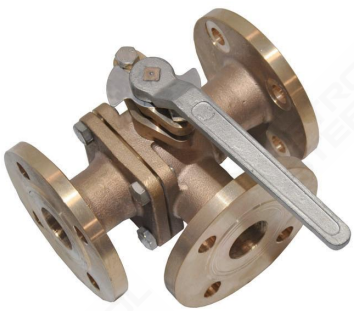
APPLICATION: Stop and distribution valve for: Compressed air, gases and liquids in general etc.





NO.	PART NAME	Material
1	Body	Bronze
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Bronze
6	Stem	SS
7	Packing	PTFE
8	Gland	Bronze
9	Position board	SS
10	Hand lever	WCB

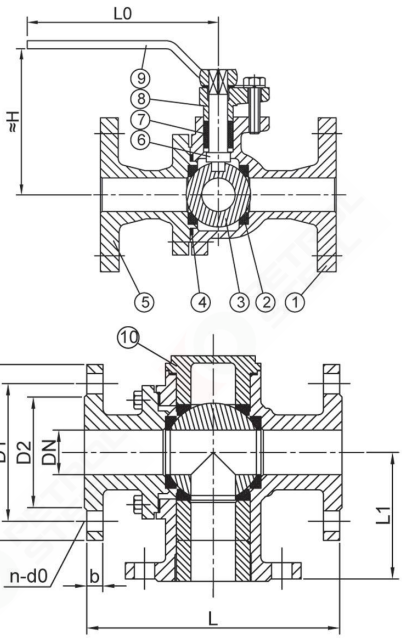
General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16



DN	L	L1	≈H	D	D1	D2	b	n	d0	L0
15	160	80	90	95	65	45	14	4	14	157
20	160	80	100	105	75	58	14	4	14	170
25	180	90	115	115	85	68	14	4	14	170
32	200	100	135	140	100	78	15	4	18	170
40	220	110	150	150	110	88	16	4	18	200
50	240	120	165	165	125	102	16	4	18	200
65	260	130	195	185	145	122	18	4	18	200
80	280	140	215	200	160	138	20	8	18	405
100	320	160	250	220	180	158	22	8	18	405

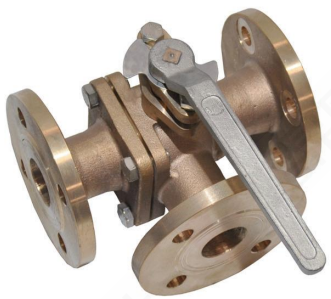
DESCRIPTION: 3-way T-port full bore bronze ball valve with SUS 304 ball and PTFE seating ring. Raised face flanged.

APPLICATION: Stop and distribution valve for: Compressed air, gases and liquids in general etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Bronze
6	Stem	SS
7	Packing	PTFE
8	Gland	Bronze
9	Position board	SS
10	Hand lever	WCB

General Specification	
Face to Face	DIN 558
Design Std	DIN
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16



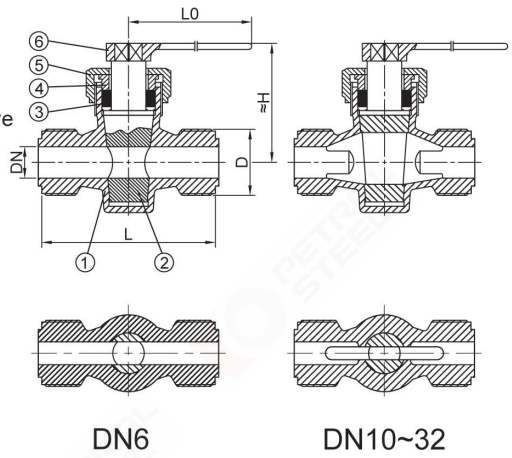
DN	L	L1	≈H	D	D1	D2	b	n	d0	L0
15	160	80	90	95	65	45	14	4	14	157
20	160	80	100	105	75	58	14	4	14	170
25	180	90	115	115	85	68	14	4	14	170
32	200	100	135	140	100	78	15	4	18	170
40	220	110	150	150	110	88	16	4	18	200
50	240	120	165	165	125	102	16	4	18	200
65	260	130	195	185	145	122	18	4	18	200
80	280	140	215	200	160	13 8	20	8	18	405
100	320	160	250	220	180	158	22	8	18	405

STRAIGHT COCK
394223-020

DIN

DESCRIPTION: Rg5 body straight cock with Rg5 plug. GOST 2822 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	PTFE
4	Gland	Brass
5	Nut	Brass
6	Hand lever	HT200

General Specification	
Design Std	
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤200℃
Pressure rating	PN10

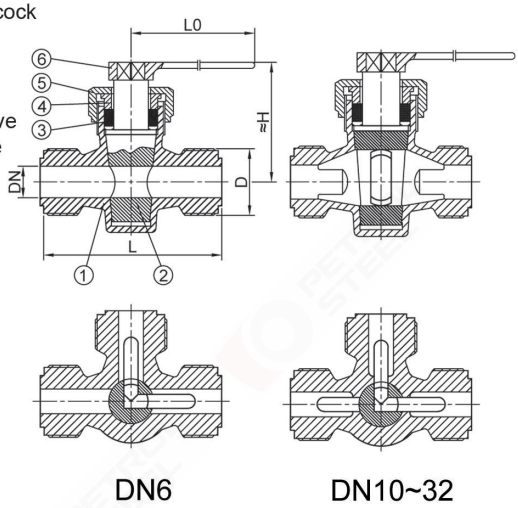


DN	L	H	H1	D	L0
6	70	60	23	M22X1.5	100
10	78	72	30	M27X1.5	110
15	92	82	33	M36X2	115
20	98	117	37	M36X2	125
25	106	115	42	M42X2	140
32	126	120	49	M48X2	160

3-WAY L-PORT COCK
394223-700

DESCRIPTION: 3-way Rg5 body L-port cock with Rg5 plug. GOST 2822 male thread.

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



DN6 DN10~32

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Packing	PTFE
4	Gland	Brass
5	Nut	Brass
6	Hand lever	HT200

General Specification	
Design Std	
Thread Std	GOST 2822
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤200℃
Pressure rating	PN10



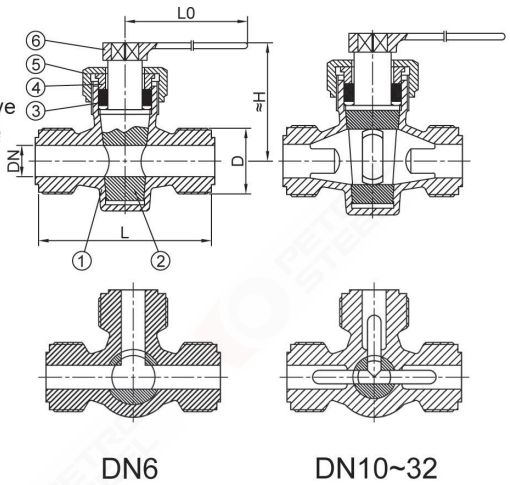
DN	L	H	H1	D	L0
6	70	60	23	M22X1.5	100
10	78	72	30	M27X1.5	110
15	92	82	33	M36X2	115
20	98	117	37	M36X2	125
25	106	115	42	M42X2	140
32	126	120	49	M48X2	160

3-WAY T-PORT COCK
394223-701

DIN

DESCRIPTION: 3-way Rg5 body T-port cock with Rg5 plug. GOST 2822 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	PTFE
4	Gland	Brass
5	Nut	Brass
6	Hand lever	HT200

General Specification		
Design Std		
Thread Std	GOST 2822	
Test Std	EN 12266	
Nominal pressure		1.0Mpa
Applicable temperature		≤200℃
Pressure rating	PN10	



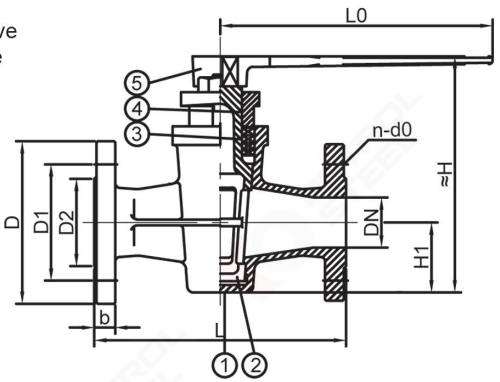
DN	L	H	H1	D	L0
6	70	60	23	M22X1.5	100
10	78	72	30	M27X1.5	110
15	92	82	33	M36X2	115
20	98	117	37	M36X2	125
25	106	115	42	M42X2	140
32	126	120	49	M48X2	160

STRAIGHT COCK
394621

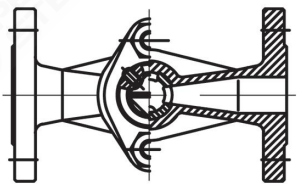
DIN

DESCRIPTION: Rg5 body straight cock with Rg5 plug. Raised face flanged.

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	PTFE
4	Gland	Bronze
5	Hand lever	HT200



General Specification	
Face to Face	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	0.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN6

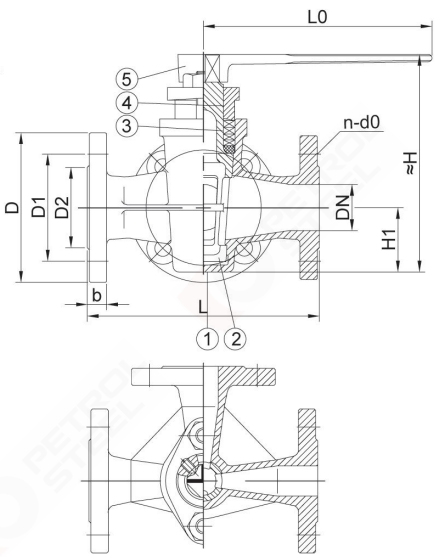
DN	L	≈H	H1	D	D1	D2	n	d0	b	L0
20	150	40	139	90	65	50	4	11	12	120
25	160	41	149	100	75	60	4	11	13	140
32	180	48	168	120	90	70	4	14	14	160
40	200	56	192	130	100	80	4	14	16	180
50	230	65	243	140	110	90	4	14	17	230
65	290	80	285	160	130	110	4	14	17	250
80	310	96	324	190	150	128	4	18	19	320

3-WAY T-PORT COCK
394621-701

DIN

DESCRIPTION: 3-way Rg5 body T-port cock with Rg5 plug. Raised face flanged and free stem.

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	PTFE
4	Gland	Bronze
5	Hand lever	HT200

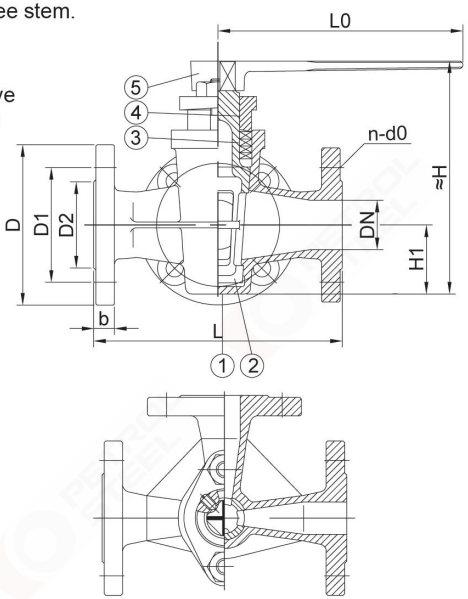
General Specification	
Face to Face	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	0.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN6

DN	L	≈H	H1	D	D1	D2	n	d0	b	L0
20	150	40	139	90	65	50	4	11	12	120
25	160	41	149	100	75	60	4	11	13	140
32	180	48	168	120	90	70	4	14	14	160
40	200	56	192	130	100	80	4	14	16	180
50	230	65	243	140	110	90	4	14	17	230
65	290	80	285	160	130	110	4	14	17	250
80	310	96	324	190	150	128	4	18	19	320

3-WAY L-PORT COCK
394621-700

DESCRIPTION: 3-way Rg5 body L-port cock with Rg5 plug. Raised face flanged and free stem.

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	PTFE
4	Gland	Bronze
5	Hand lever	HT200

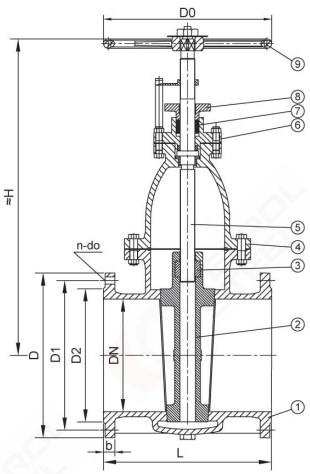
General Specification	
Face to Face	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	0.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN6

DN	L	≈H	H1	D	D1	D2	n	d0	b	L0
20	150	40	139	90	65	50	4	11	12	120
25	160	41	149	100	75	60	4	11	13	140
32	180	48	168	120	90	70	4	14	14	160
40	200	56	192	130	100	80	4	14	16	180
50	230	65	243	140	110	90	4	14	17	230
65	290	80	285	160	130	110	4	14	17	250
80	310	96	324	190	150	128	4	18	19	320

DIN

DESCRIPTION: Rg5 body gate valve. Non rising stem with open/close indicator and bolted bonnet. Raised face flanged. Short F4 type.

APPLICATION: Start/stop flow with minimized pressure drop for water and sea water etc. Suitable as sea direct.



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	Bronze
9	Handwheel	Cast iron

General Specification	
Face to Face	DIN 558
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤200℃
Pressure rating	PN10



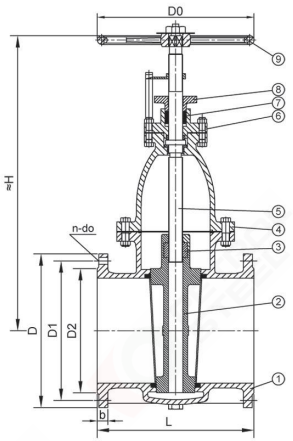
DN	L	≈H	D	D1	D2	b	n	d0	D0
40	140	330	150	110	88	15	4	18	140
50	150	345	165	125	102	17	4	18	140
65	170	375	185	145	122	17	4	18	180
80	180	400	200	160	138	18	8	18	180
100	190	470	220	180	158	18	8	18	200
125	200	515	250	210	188	21	8	18	200
150	210	575	285	240	212	22	8	22	200
200	230	665	340	295	268	24	8	22	250
250	250	755	395	350	320	26	12	22	250

GATE VALVE
620102/01

DIN

DESCRIPTION: Nodular cast iron body gate valve. Non rising stem with open/close indicator and bolted bonnet. Raised face flanged. Short F4 type.

APPLICATION: Cold and hot water, fresh water, sea water, lubricating oil. Start/stop flow with minimized pressure drop for water, sea water, steam and oils etc. Suitable as sea direct.



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



General Specification	
Face to Face	DIN 558
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤200℃
Pressure rating	PN10

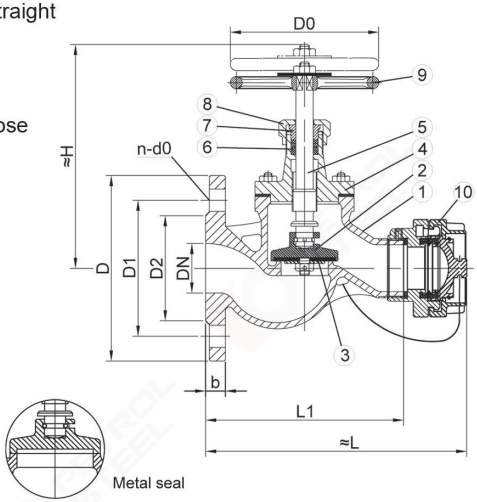
DN	L	≈H	D	D1	D2	b	n	d0	D0
40	140	330	150	110	88	15	4	18	140
50	150	345	165	125	102	17	4	18	140
65	170	375	185	145	122	17	4	18	180
80	180	400	200	160	138	18	8	18	180
100	190	470	220	180	158	18	8	18	200
125	200	515	250	210	188	21	8	18	200
150	210	575	285	240	212	22	8	22	200
200	230	665	340	295	268	24	8	22	250
250	250	755	395	350	320	26	12	22	250

FIRE HOSE VALVE
356622

DIN

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

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



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Seal	NBR
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Fire connector	Brass

General Specification	
Design Std	
Thread Std	ISO 228
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤100℃
Pressure rating	PN16



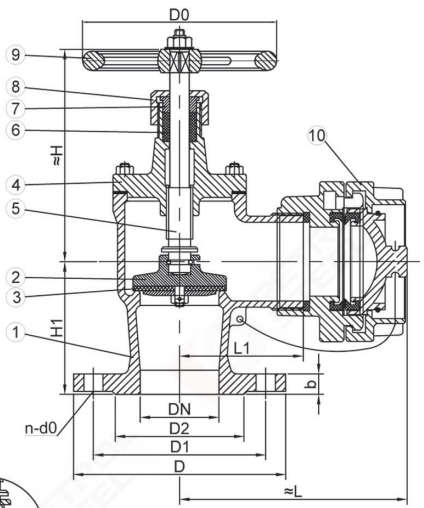
DN	≈L	L1	≈H	D	D1	D2	n	d0	b	D0
40	235	175	167	150	110	88	4	18	16	140
50	235	172	170	165	125	102	4	18	17	140
65	285	215	200	185	145	122	4	18	17	140

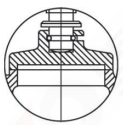
FIRE HOSE VALVE
356722

DIN

DESCRIPTION: Rg5 body soft sealing fire valve. Bolted bonnet. 90° hose connection angle. Raised face flanged.

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





Metal seal

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Seal	NBR
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Fire connector	Brass

General Specification	
Design Std	
Thread Std	ISO 228
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤100℃
Pressure rating	PN16



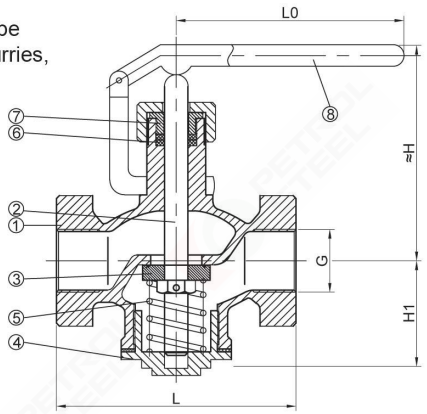
DN	≈L	L1	≈H	H1	D	D1	D2	n	d0	b	D0
40	125	65	140	65	150	110	88	4	18	16	140
50	136	70	140	75	165	125	102	4	18	17	140
65	162	95	170	90	185	145	122	4	18	17	140

SELF CLOSING VALVE
314022

DESCRIPTION: Straight type, Rg5 body, spring loaded, self closing flushing valve. ISO 228 female thread.

DIN

APPLICATION: Used where liquids should be instantaneously available. for drainage of slurries, solid or semi solid particles etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Disc	Brass
4	Bonnet	Bronze
5	Spring	SS
6	Packing	PTFE
7	Gland	Brass
8	Hand lever	Bronze

General Specification	
Design Std	
Thread Std	ISO 228
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16

DN	G	L	≈H	H1	L0
10	G 3/8 "	65	84	44	83
15	G 1/2 "	65	84	44	83
20	G 3/4 "	76	87	51	83
25	G 1 "	80	89	53	83
32	G 1-1/4 "	90	107	60	155

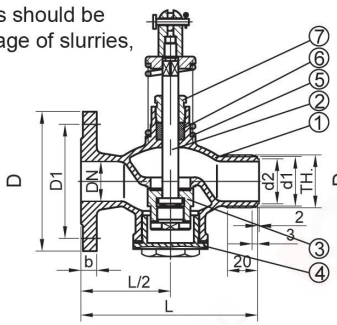
SELF CLOSING VALVE
314811

DIN

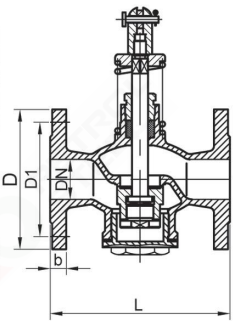
DESCRIPTION: Straight type, Rg5 body, spring loaded, self closing flushing valve.

APPLICATION: Used where liquids should be instantaneously available. for drainage of slurries, solid or semi solid particles etc.

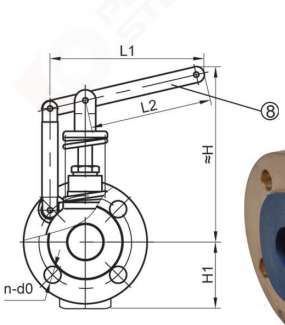
NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Disc	Brass
4	Bonnet	Bronze
5	Spring	SS
6	Packing	PTFE
7	Gland	Brass
8	Hand lever	Cast steel



DN 15、25



DN15、25、40





General Specification	
Design Std	
Thread Std	GOST 2822
Flange Std	EN1092(DIN2501) PN6
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤200℃
Pressure rating	PN10

DN	L	L1	L2	≈H	H1	D	D1	b	n	d0	TH.	d1	d2
15	130	165	120	146	46	80	55	12	4	11	M30X2	27	19
25	160	183	130	168	62	100	75	14	4	11	M42X2	39	29
40	200	203	140	195	80	130	100	16	4	14	-	-	-

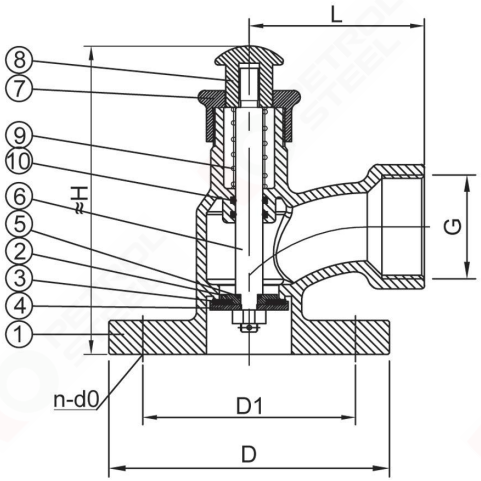
SELF CLOSING VALVE
357321

DIN

DESCRIPTION: Rg5 self closing valve for connection to tank bulkhead and sight glass. Flat face flange towards tank, ISO 228 female fitting of sigth glass.

APPLICATION: For manual level control of e.g. ships ving tanks etc.

NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Washer	Brass
4	Disc	Brass
5	0-Ring	NBR
6	Stem	Brass
7	Bonnet	Brass
8	Cover	Brass
9	Spring	SS
10	0-Ring	NBR



General Specification	
Design Std	
Thread Std	ISO 228
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤100℃
Pressure rating	PN10

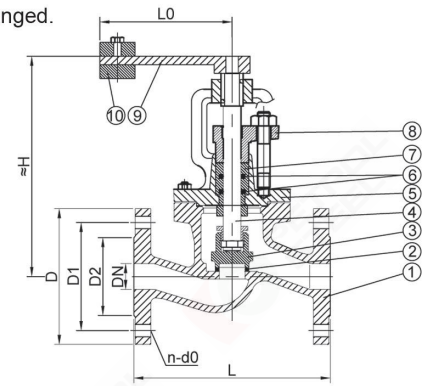
DN	L	≈H	G	D	D1	n	d0
20	67	112	G 1"	105	75	4	14
25	67	112	G 1"	115	85	4	14

SELF CLOSING VALVE
358002

DIN

DESCRIPTION: Straight type nodular cast iron, metal seated, self closing globe valve. Bolted bonnet and lever with counter weight. Raised face flanged.

APPLICATION: Quick start/stop of: Water and low pressure steam, oils etc.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	SS
3	Disc	SS
4	Stem	SS
5	Bonnet	Nodular Cast Iron
6	O-Ring	NBR
7	Sleeve	Brass
8	Gland	Cast Iron
9	Hand lever	WCB
10	Counter Weight	WCB



General Specification	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16

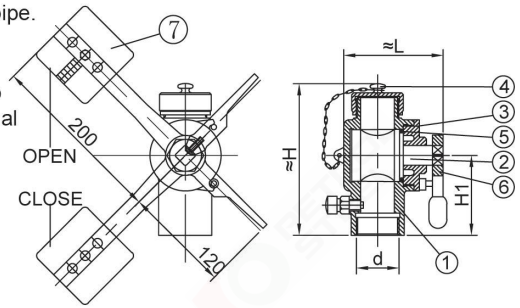
DN	L	≈H	D	D1	D2	n	d0	L0
15	130	160	95	65	45	4	14	300
20	150	160	105	75	58	4	14	300
25	160	170	115	85	68	4	14	300
32	180	170	140	100	78	4	18	300
40	200	210	150	110	88	4	18	300
50	230	220	165	125	102	4	18	300
65	290	225	185	145	122	4	18	300
80	310	270	200	160	138	8	18	300

SOUNDING COCK
357020

DIN

DESCRIPTION: Rg5 manual sounding cock with cap and lever with counter weight. ISO 228 female threaded connection to sounding pipe.

APPLICATION: Easy sounding access to ships double bottom tanks requiring manual sounding option etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Cover	Brass
5	O-Ring	NBR
6	Hand lever	HT200
7	Counter Weight	HT200



General Specification		
Design Std		
Thread Std	ISO 228	
Test Std	EN 12266	
Nominal pressure		0.25Mpa
Applicable temperature		≤200℃

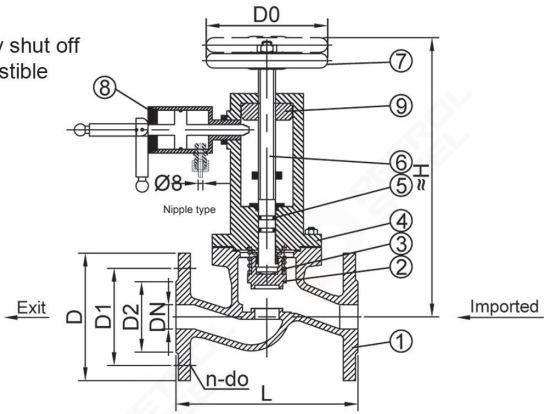
DN	d	≈H	H1	≈L
40	G 1-1/2"	170	95	115
50	G 2"	180	100	115
65	G 2-1/2"	180	100	115

QUICK CLOSING VALVE
567022/21

DIN

DESCRIPTION: Straight type Rg5, metal seated, quick closing globe valve. Release cylinder for pneumatic, hydraulic or mechanical remote control. Raised face flanged.

APPLICATION: Remote emergency shut off valve for fuels, oils and other combustible liquids. Engine room installation etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	SS
3	Spring	SS
4	Bonnet	SS
5	O-Ring	NBR
6	Stem	SS
7	Handwheel	HT200
8	Retainer Block	Brass
9	Pneumatic device	2Cr13

General Specification	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	0.25Mpa
Applicable temperature	≤200℃
Pressure rating	PN2.5



DN	L	≈H	D	D1	D2	n	d0	D0
15	130	237	95	65	45	4	14	80
20	150	240	105	75	58	4	14	80
25	160	242	115	85	68	4	14	80
32	180	245	140	100	78	4	18	100
40	200	274	150	110	88	4	18	140
50	230	283	165	125	102	4	18	140
65	290	325	185	145	122	4	18	140
80	310	350	200	160	138	8	18	180

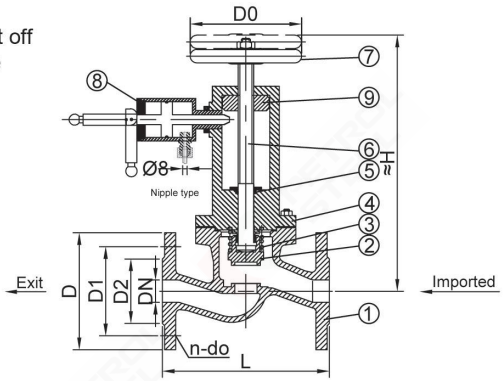
QUICK CLOSING VALVE
567002/01

DIN

DESCRIPTION: Straight type nodular cast iron, metal seated, quick closing globe valve. Release cylinder for pneumatic, hydraulic or mechanical remote control. Raised face flanged.

APPLICATION: Remote emergency shut off valve for fuels, oils and other combustible liquids. Engine room installation etc.

NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Seat	SS
3	Disc	SS
4	Spring	SS
5	Bonnet	Nodular Cast Iron
6	O-Ring	NBR
7	Stem	SS
8	Handwheel	HT200
9	Retainer Block	Brass
10	Pneumatic device	2Cr13



General Specification		
Design Std		
Flange Std	EN1092(DIN2501)	
Test Std	EN 12266	
Nominal pressure		0.25Mpa
Applicable temperature		≤200℃
Pressure rating	PN2.5	

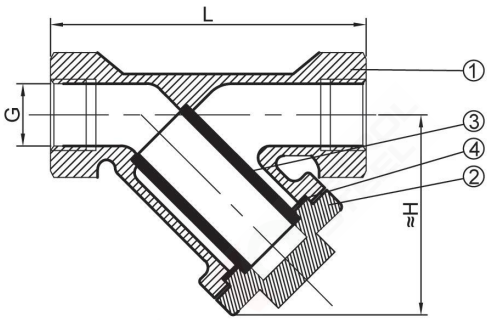


DN	L	≈H	D	D1	D2	n	d0	L0
15	130	200	95	65	45	4	14	300
20	150	200	105	75	58	4	14	300
25	160	200	115	85	68	4	14	300
32	180	205	140	100	78	4	18	300
40	200	230	150	110	88	4	18	300
50	230	240	165	125	102	4	18	300
65	290	250	185	145	122	4	18	300
80	310	320	200	160	138	8	18	300

STRAINER
482322

DESCRIPTION: Y-type, Rg5 body, strainer with SUS 304 strainer basket. ISO 228 female thread.

APPLICATION: Filtering of water, oils, non aggressive process liquids etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Bonnet	Bronze
3	Filter	SS
4	Gasket	Aramid fiber

General Specification		
Design Std		
Thread Std	ISO 228	
Test Std	EN 12266	
Nominal pressure		1.6Mpa
Applicable temperature		≤200℃
Pressure rating	PN16	

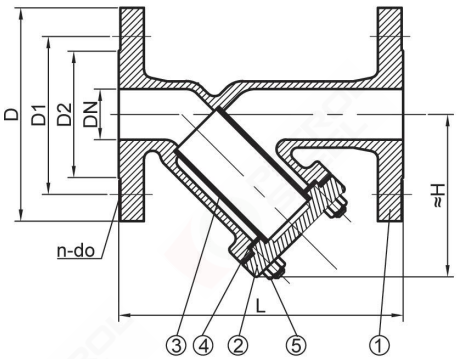


DN	L	≈H	G
15	60	38	G 1/2"
20	70	46	G 3/4"
25	82	54	G 1"
32	94	62	G 1-1/4"
40	105	72	G 1-1/2"
50	130	89	G 2"

DESCRIPTION: Y-type, nodular cast iron body strainer with SUS 304 strainer basket. Raised face flanged.

DIN

APPLICATION: Filtering of water, oils, non aggressive process liquids in general etc. Water, oil and other process liquids.



NO.	PART NAME	Material
1	Body	Nodular Cast Iron
2	Bonnet	Nodular Cast Iron
3	Filter	SS
4	Gasket	Aramid fiber
5	Bolt/Nut	SS

General Specification	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16

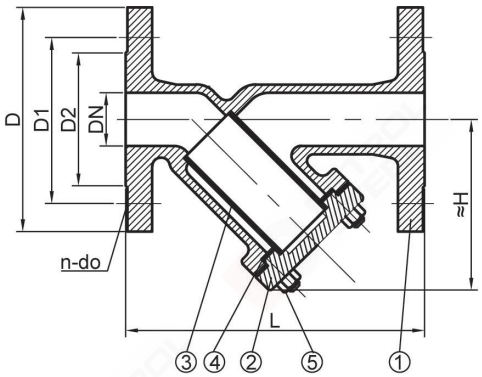
DN	L	≈H	D	D1	D2	n	d0
15	130	90	95	65	45	4	14
20	150	90	105	75	58	4	14
25	160	95	115	85	68	4	14
32	180	100	140	100	78	4	18
40	200	115	150	110	88	4	18
50	230	140	165	125	102	4	18
65	290	160	185	145	122	4	18
80	310	200	200	160	138	8	18
100	350	240	220	180	158	8	18
125	400	280	250	210	188	8	18
150	480	300	285	240	212	8	22
200	600	450	340	295	268	8	22

STRAINER
483322

DIN

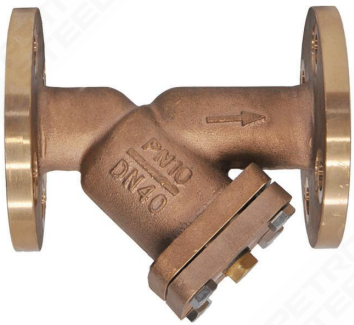
DESCRIPTION: Y-type, Rg5 body strainer with SUS 304 strainer basket. Raised face flanged.

APPLICATION: Filtering of water, oils, process liquids in general etc.



NO.	PART NAME	Material
1	Body	Bronze
2	Bonnet	Bronze
3	Filter	SS
4	Gasket	Aramid fiber
5	Bolt/Nut	SS

General Specification	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.6Mpa
Applicable temperature	≤200℃
Pressure rating	PN16



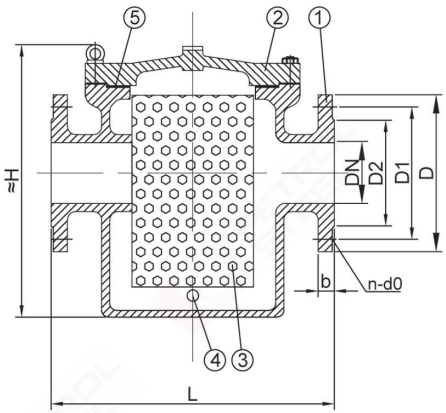
DN	L	≈H	D	D1	D2	n	d0
15	130	90	95	65	45	4	14
20	150	90	105	75	58	4	14
25	160	95	115	85	68	4	14
32	180	100	140	100	78	4	18
40	200	115	150	110	88	4	18
50	230	140	165	125	102	4	18
65	290	160	185	145	122	4	18
80	310	200	200	160	138	8	18
100	350	240	220	180	158	8	18
125	400	280	250	210	188	8	18
150	480	300	285	240	212	8	22
200	600	450	340	295	268	8	22

MUD BOX
482021

DIN

DESCRIPTION: Straight type, Rg5 body and bonnet mud box with SUS 304 strainer basket. Fitted with drain plug and bonnet lifting lug. Raised face flanged.

APPLICATION: Typically used as sea water suction and bilge suction filter etc. Suction and discharge lines for sea cooling water and bilge systems.



NO.	PART NAME	Material
1	Body	Bronze
2	Bonnet	Bronze
3	Filter	SS
4	Drain Plug	Brass
5	Gasket	Aramid fiber

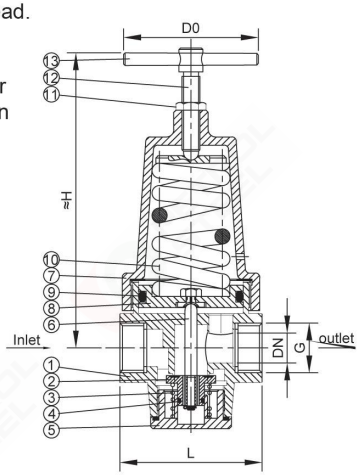
General Specification	
Design Std	
Flange Std	EN1092(DIN2501)
Test Std	EN 12266
Nominal pressure	1.0Mpa
Applicable temperature	≤200℃
Pressure rating	PN10



DN	L	≈H	D	D1	D2	n	d0	b
40	200	210	150	110	88	4	18	16
50	230	215	165	125	102	4	18	17
65	290	265	185	145	122	4	18	17
80	310	300	200	160	138	8	18	19
100	350	340	220	180	158	8	18	20
125	400	415	250	210	188	8	18	20
150	480	465	285	240	212	8	22	22
200	600	570	340	295	268	8	22	22
250	600	560	395	350	320	12	22	26
300	700	680	445	400	370	12	22	26
350	610/690/800	750	505	460	430	16	22	30
400	740	900	565	515	482	16	26	32
450	1000	1000	615	565	532	20	26	36
500	1100	1200	670	620	585	20	26	38
600	1100	1100	780	725	685	20	30	42
700	1250	1150	895	840	800	24	30	50

DESCRIPTION: Straight Rg5 body adjustable pressure reducing valve with NBR seal. Outlet pressure range 1.5-20 bar. Single manometer fitting. ISO 228 female thread.

APPLICATION: Avoiding distributing line overpressure or pressure peaks due to variations in supply line pressure in neutral non viscous liquids, air, gases and vapours. Not for steam.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Brass
3	Spring	SS
4	O-Ring	NBR
5	Bonnet	Bronze
6	Stem	Brass
7	Bonnet	Bronze
8	Spring seat	2Cr13
9	O-Ring	NBR
10	Spring	SS
11	Nut	Q235A
12	Adjusting lever	Q235A
13	Lever	Brass



General Specification	
Design Std	
Thtrad	ISO 228
Test Std	EN 12266
Nominal pressure	
Applicable temperature	≤100℃
Pressure rating	

DN	G	L	≈H	D0
15	G 1/2"	100	200	90
20	G 3/4"	100	200	90
25	G 1"	100	200	90

PETROL STEEL

PETROL STEEL CO., LTD

Whatsapp: +86 159 0035 7871
Https://www.petrolsteel.com

ANSI

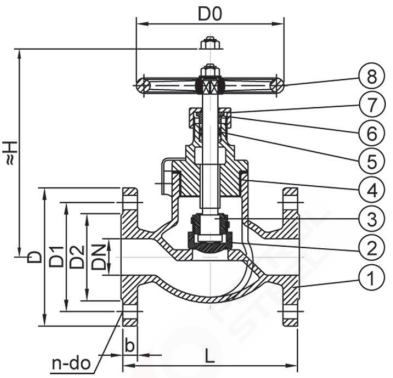
VALVES ACCORDING TO AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).



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.

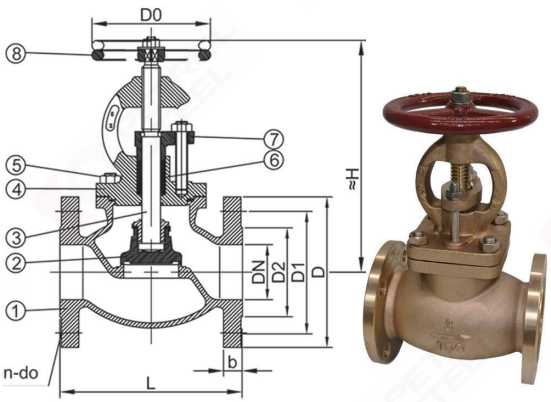
DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

APPLICATION: Start/stop and flow control of: Sea water, water, steam and oils etc. Suitable as sea direct.



DN 15~40

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



DN 50~150

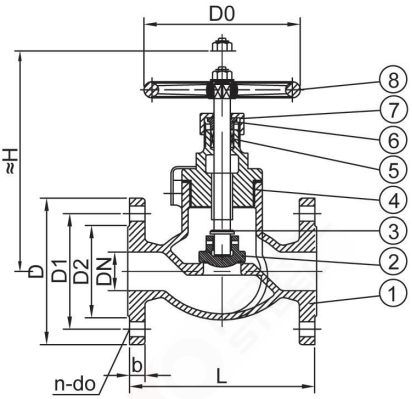
General Specification	
Face to Face	
Design Std	
Flange Std	ANSI B16.5
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb

DN	L	≈H	D	D1	D2	b	n	d0	D0
15	108	100	89	60.5	35	12	4	16	80
20	117	112	98	69.9	43	12.7	4	16	100
25	127	125	108	79.2	51	14	4	16	125
32	140	136	117	89	63	15	4	16	125
40	165	155	127	98.6	73	16	4	16	140
50	203	288	152	120.7	92	19	4	19	140
65	216	334	179	139.7	105	22.4	4	19	160
80	241	362	190	152.4	127	24	4	19	200
100	292	417	229	190.5	157	24	8	19	250
125	356	450	254	216	186	24	8	22	250
150	406	505	279	241.3	216	26	8	22	280

GLOBE VALVE (SDNR)

DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, bolted bonnet. Raised face flanged.

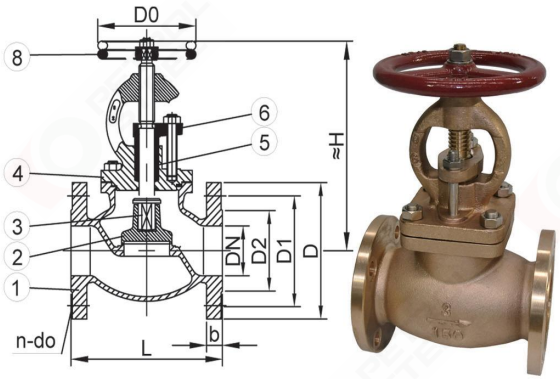
APPLICATION: Start/stop and flow control of: Sea water, water, steam and oils etc. Suitable as sea direct.



DN 15~40

ANSI

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Bolt/Nut	SS
6	Packing	PTFE
7	Gland	Bronze
8	Handwheel	Cast iron



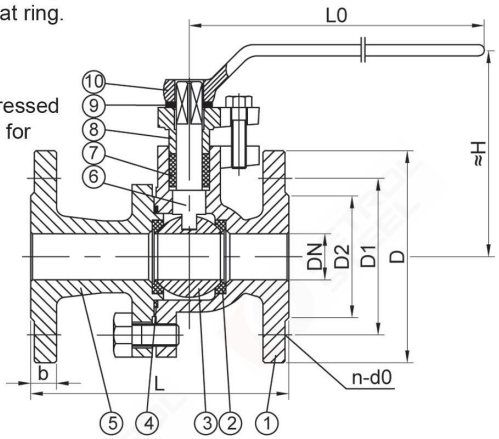
DN 50~150

General Specification	
Face to Face	ANSI B16.10
Design Std	MSS SP-80
Flange Std	ANSI B16.5
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb

DN	L	≈H	D	D1	D2	b	n	d0	D0
15	108	100	89	60.5	35	12	4	16	80
20	117	112	98	69.9	43	12.7	4	16	100
25	127	125	108	79.2	51	14	4	16	125
32	140	136	117	89	63	15	4	16	125
40	165	155	127	98.6	73	16	4	16	140
50	203	288	152	120.7	92	19	4	19	140
65	216	334	179	139.7	105	22.4	4	19	160
80	241	362	190	152.4	127	24	4	19	200
100	292	417	229	190.5	157	24	8	19	250
125	356	450	254	216	186	24	8	22	250
150	406	505	279	241.3	216	26	8	22	280

DESCRIPTION: Two piece, full bore, Rg5 body ball valve with SUS 304 ball and PTFE seat ring. Raised face flanged.

APPLICATION: Start/stop flow of: Compressed air, gases and liquids. Typically also used for drain and vent purposes.



NO.	PART NAME	Material
1	Body	Bronze
2	Seat	PTFE
3	Ball	SS
4	Seal	PTFE
5	Bonnet	Bronze
6	Stem	SS
7	Packing	PTFE
8	Gland	Bronze
9	Position board	SS
10	Hand lever	WCB

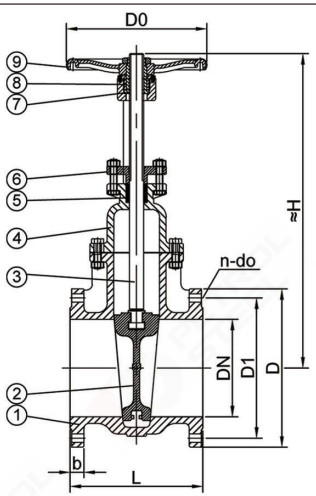


General Specification	
Face to Face	ANSI B16.10
Design Std	API 608
Flange Std	ANSI B16.5
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb

DN	L	≈H	D	D1	D2	b	n	d0	L0
15	108	87.5	89	60.5	35	12	4	16	140
20	117	100	98	69.9	43	12.7	4	16	140
25	127	115	108	79.2	51	14	4	16	150
32	140	135	117	89	63	15	4	16	180
40	165	155	127	98.6	73	16	4	16	200
50	178	156	152	120.7	92	16	4	19	250
65	190	175	179	139.7	105	18	4	19	300
80	203	195	190	152.4	127	20	4	19	300

DESCRIPTION: Rg5 body gate valve.
Bolted bonnet. Raised face flanged.

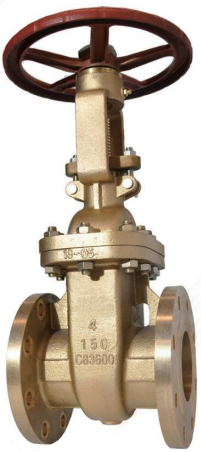
APPLICATION: Start/stop flow with minimized pressure drop for water and sea water etc.
Suitable as sea direct.



ANSI

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Packing	PTFE
6	Gland	Bronze
7	Agile	Brass
8	Hand wheel	Cast iron

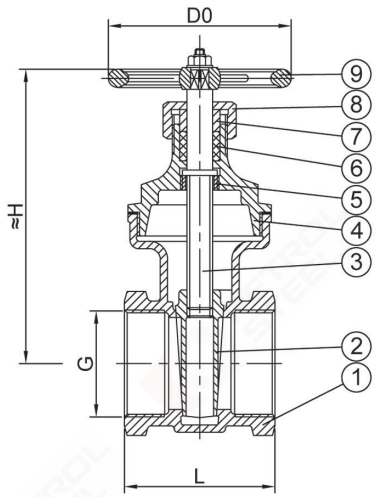
General Specification	
Face to Face	ANSI B16.10
Design Std	API 600
Flange Std	ANSI B16.5
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb



DN	L	≈H	D	D1	D2	b	n	d0	D0
50	178	325	152	120.7	92	19	4	19	180
65	190	350	179	139.7	105	22.4	4	19	190
80	203	380	190	152.4	127	24	4	19	200
100	229	460	229	190.5	157	24	8	19	230
125	254	630	254	216	186	24	8	22	250
150	267	635	279	241.3	216	26	8	22	260
200	292	765	343	298.5	270	28	8	22	290
250	330	895	406.4	362	324	30	12	26	330

DESCRIPTION: Rg5 body gate valve.
ISO 228 female thread.

APPLICATION: Start/stop flow with minimized pressure drop for water and sea water etc.
Suitable as sea direct.



NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Nut	Brass
6	Packing	PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	HT200

General Specification	
Design Std	API 600
Thread Std	ISO 228
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb

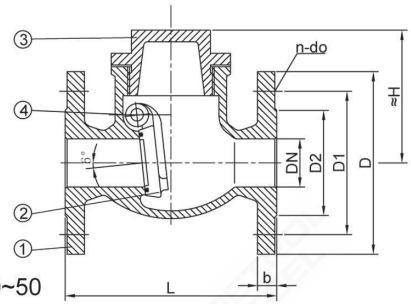


DN	G	L	≈H	D0
20	3/4"	60	95	80
25	1"	70	95	80
32	1-1/4"	72	145	80
40	1-1/2"	75	148	100
50	2"	85	165	100

SWING CHECK VALVE

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

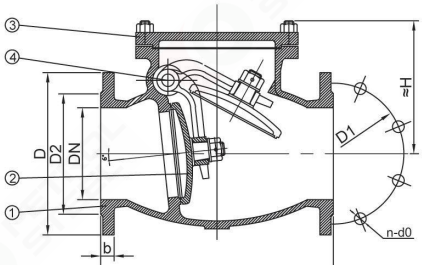
APPLICATION: Preventing backflow in water, sea water and oil systems etc.



DN 20~50

ANSI

NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Plug	Brass



DN 65~125

General Specification	
Face to Face	ANSI B16.10
Design Std	ANSI B16.34
Flange Std	ANSI B16.5
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb

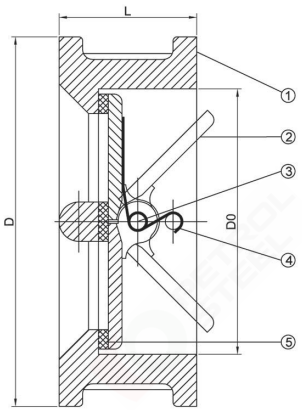


DN	L	≈H	D	D1	D2	b	n	do
20	117	70	98	69.9	43	12	4	16
25	127	70	108	79.2	51	14	4	16
32	140	80	117	89	63	15	4	16
40	165	93	127	98.6	73	16	4	16
50	203	100	152	120.7	92	16	4	19
65	216	119	178	139.7	105	18	4	19
80	241	129	190	152.4	127	20	4	19
100	292	145	229	190.5	157	24	8	19
125	356	180	254	216	186	24	8	22

DUAL PLATE CHECK VALVE

DESCRIPTION: Wafer type, NBR lined bronze body, spring tensioned dual check valve with soft sealing bronze plates.

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



NO.	PART NAME	Material
1	Body	Bronze
2	Valve clack	Bronze
3	Clack shaft	SS
4	Spring	Spring steel
5	Seal	NBR



General Specification	
Face to Face	API 594
Design Std	API 594
Test Std	API 598
Applicable temperature	≤200℃
Pressure rating	ANSI 150Lb

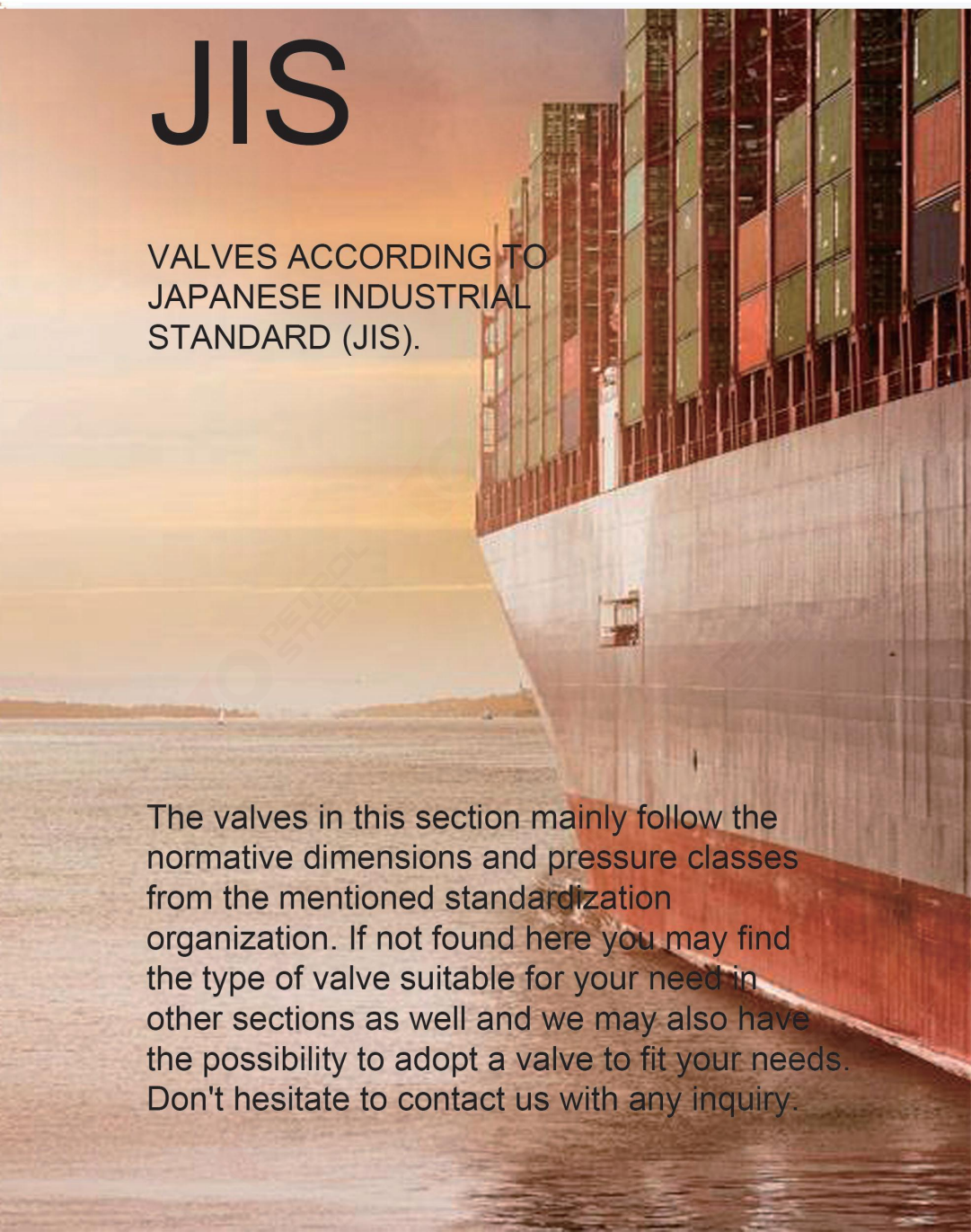
DN	L	D	D0
50	60	103	51
65	67	122	65
80	73	135	80
100	73	173	102
125	86	195	127
150	98	220	152
200	127	277	203
250	146	337	254
300	181	407	305
350	184	448	350
400	191	512	400
450	203	547	450

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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.

JIS























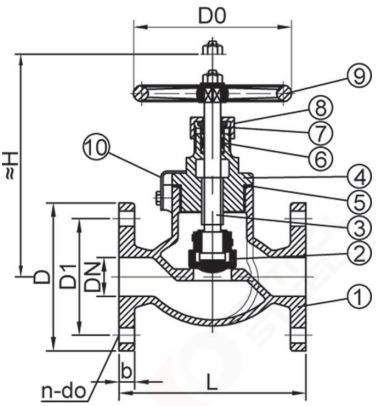


DESCRIPTION: Straight type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

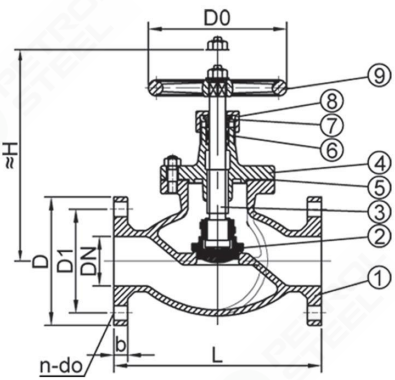
APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

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



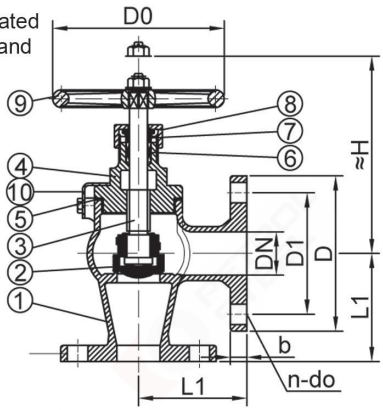
DN 50~65

JIS

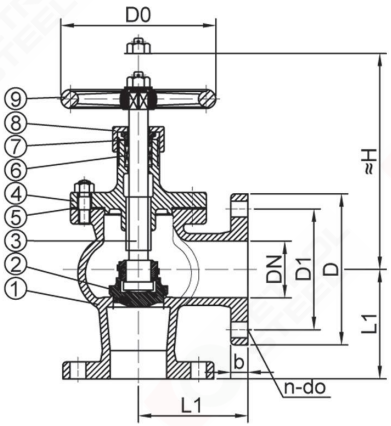
PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	15	100	130	80	60	9	4	12	80
	20	110	140	85	65	10	4	12	100
	25	120	160	95	75	10	4	12	125
	32	140	170	115	90	12	4	15	125
	40	160	190	120	95	12	4	15	140
	50	210	235	130	105	14	4	15	140
	65	250	260	155	130	14	4	15	160

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

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



DN 15~40



DN 50~65

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

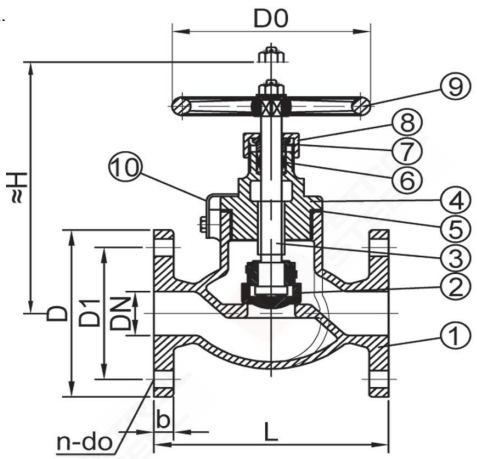
JIS

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

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 drown stop valve with rising stem, screwed and secured bonnet. Flat face flanged.

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



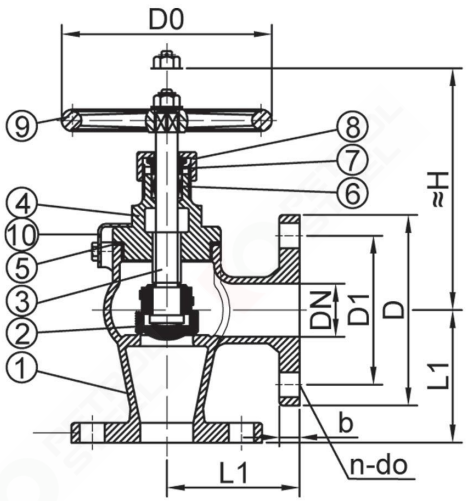
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Nut	Brass
9	Handwheel	Cast iron
10	Lock Plate	Brass

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

PN	DN	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 drown 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	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

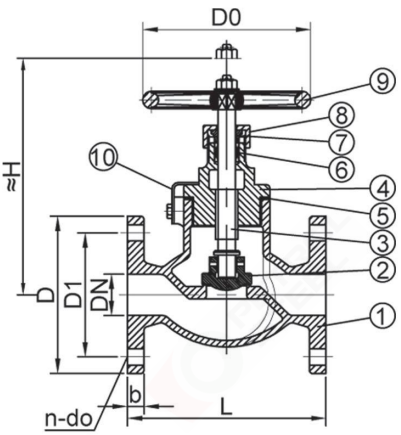
CHECK GLOBE VALVE
JIS F7351

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

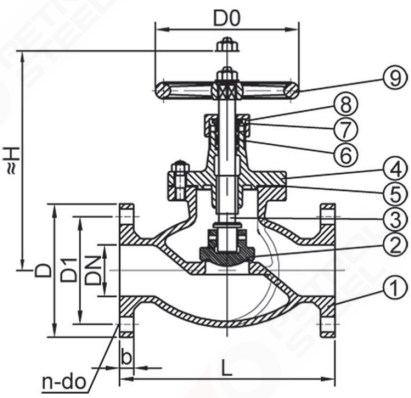
APPLICATION: Start/stop and throttling of: Sea water, water and oils etc.

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



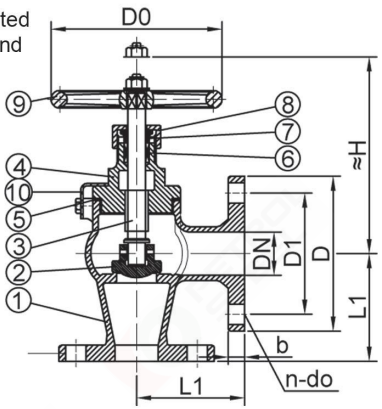
DN 50~65

JIS

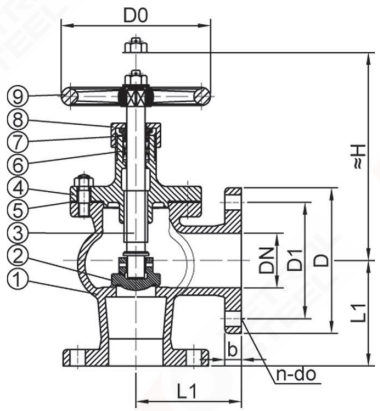
PN	DN	L	≈H	D	D1	b	n	d0	D0
5K	15	100	130	80	60	9	4	12	80
	20	110	140	85	65	10	4	12	100
	25	120	155	95	75	10	4	12	125
	32	140	165	115	90	12	4	15	125
	40	160	185	120	95	12	4	15	140
	50	210	230	130	105	14	4	15	140
	65	250	255	155	130	14	4	15	160

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

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



DN 15~40



DN 50~65

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

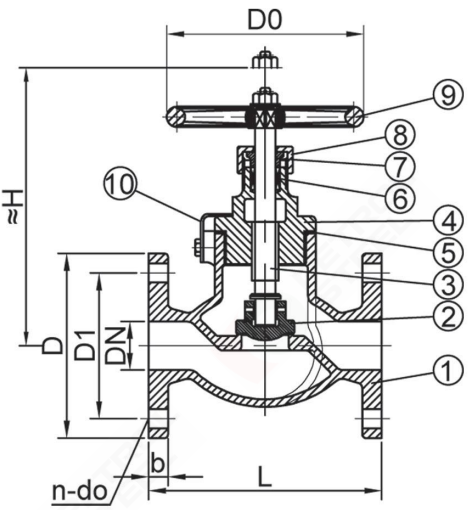
JIS

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

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 drown stop valve with rising stem, screwed and secured bonnet. Falt 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

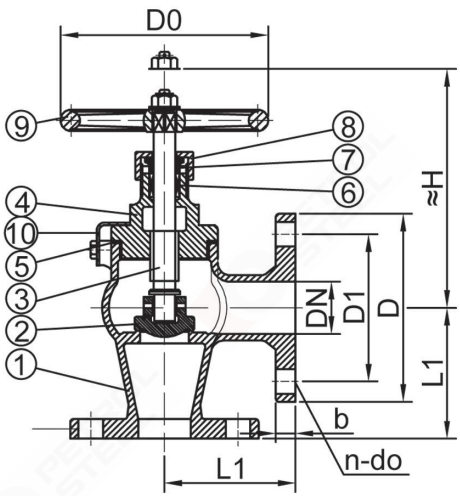
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	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

CHECK GLOBE VALVE
JIS F7410

DESCRIPTION: Angled type, Rg5 body, metal seated screw drown stop valve with rising stem, screwed and secured bonnet. Falt 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

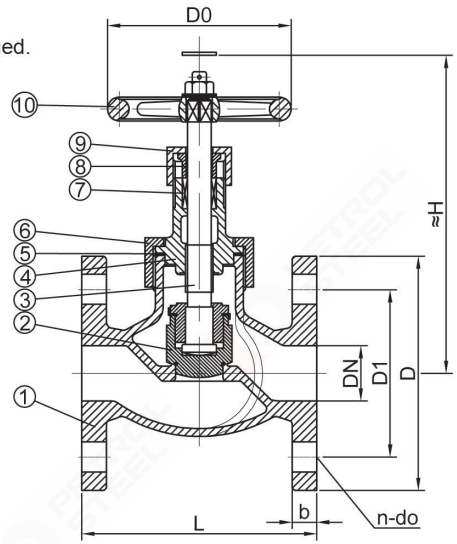
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	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

GLOBE VALVE
JIS F7346

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

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



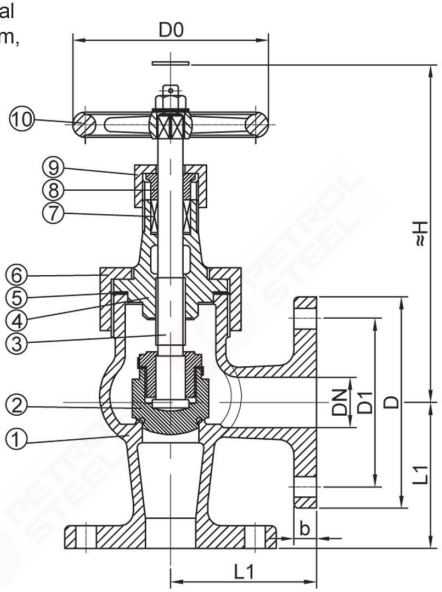
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron

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

PN	DN	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 drown 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

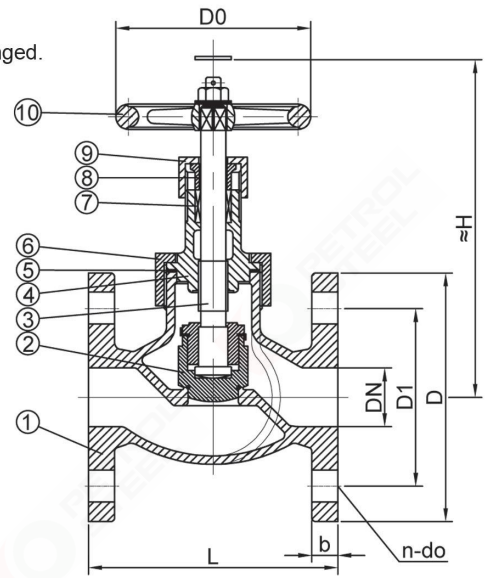
JIS

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 drown stop valve with rising stem, screwed bonnet. Falt face flanged.

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



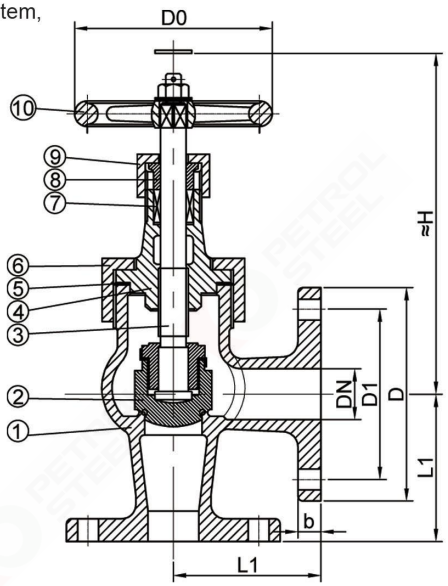
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron

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

PN	DN	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 drown 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

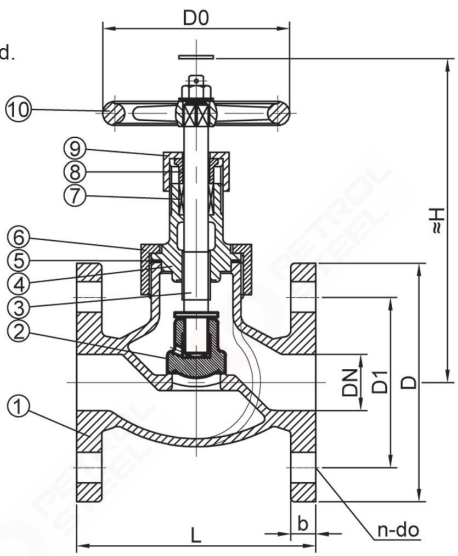
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	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

CHECK GLOBE VALVE
JIS F7411

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

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



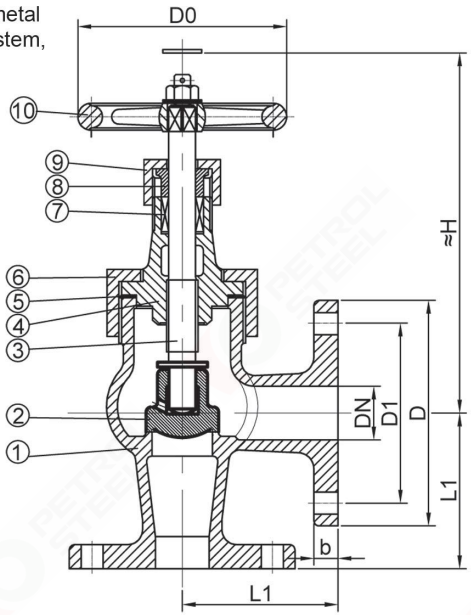
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron

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

PN	DN	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 drown 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

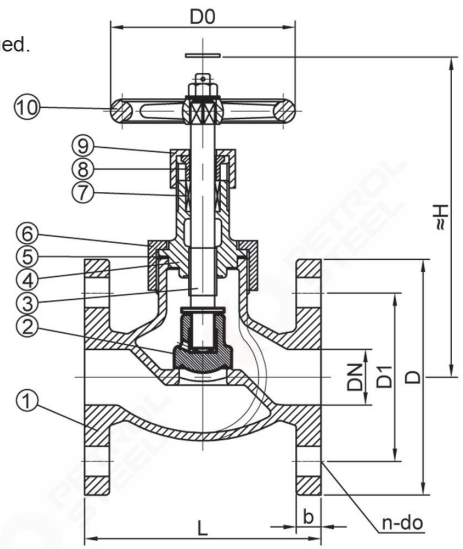
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	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

CHECK GLOBE VALVE
JIS F7413

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

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



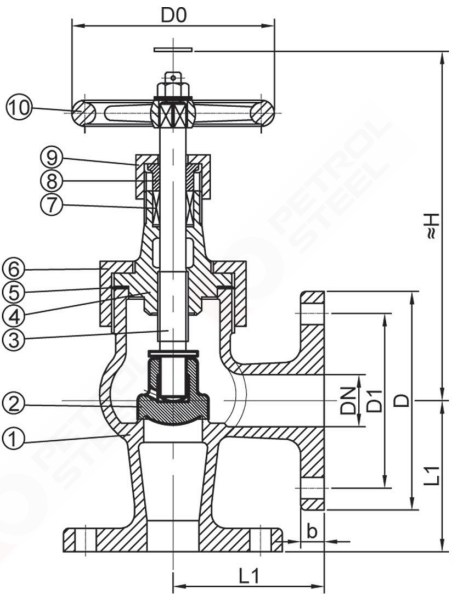
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Stem	Brass
4	Bonnet	Bronze
5	Gasket	Graphite/ Aramid fiber
6	Nut	Bronze
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron

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

PN	DN	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 drown 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

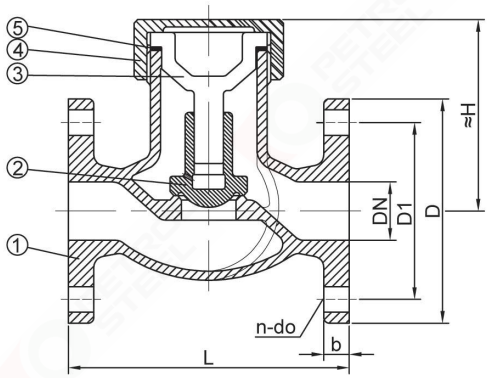
PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	15	70	140	95	70	12	4	15	80
	20	75	150	100	75	14	4	15	100
	25	85	170	125	90	14	4	19	125
	32	95	170	135	100	16	4	19	125
	40	100	180	140	105	16	4	19	140

LIFT CHECK GLOBE VALVE
JIS F7415

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



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

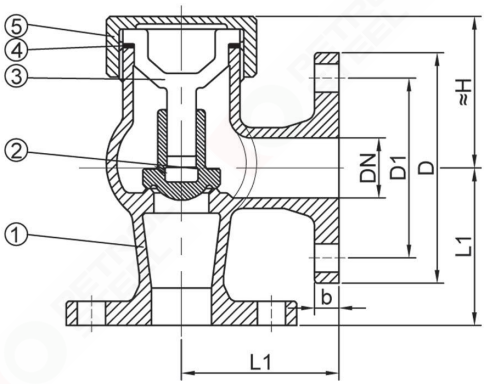
PN	DN	L	≈H	D	D1	b	n	d0
5K	15	100	66	80	60	9	4	12
	20	110	71	85	65	10	4	12
	25	120	81	95	75	10	4	12
	32	140	83	115	90	12	4	15
	40	160	91	120	95	12	4	15

LIFT CHECK ANGLE VALVE
JIS F7416

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

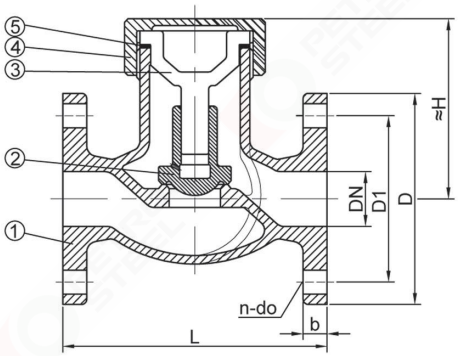
PN	DN	L1	≈H	D	D1	b	n	d0
5K	15	55	56	80	60	9	4	12
	20	60	59	85	65	10	4	12
	25	65	67	95	75	10	4	12
	32	80	65	115	90	12	4	15
	40	85	69	120	95	12	4	15

LIFT CHECK GLOBE VALVE
JIS F7417

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



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

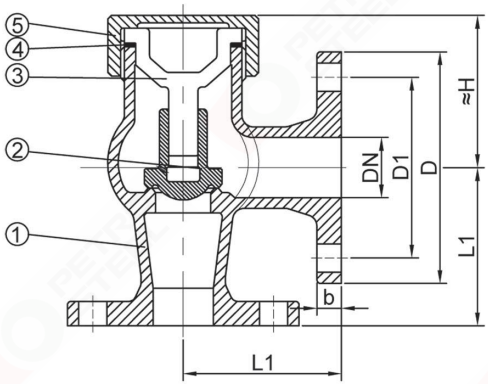
PN	DN	L	≈H	D	D1	b	n	d0
16K	15	110	66	95	70	12	4	15
	20	120	71	100	75	14	4	15
	25	130	81	125	90	14	4	19
	32	160	83	135	100	16	4	19
	40	180	91	140	105	16	4	19

LIFT CHECK ANGLE VALVE
JIS F7418

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

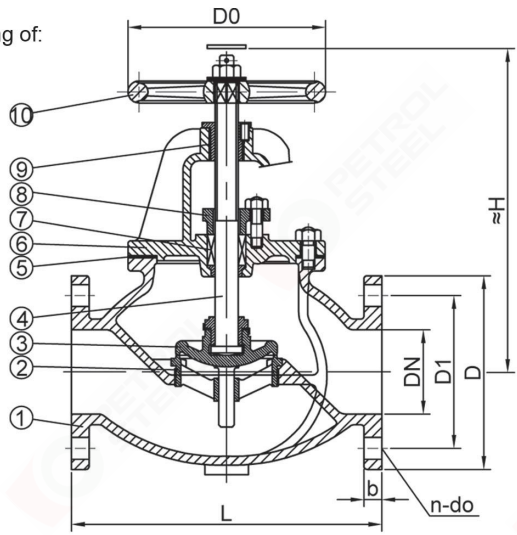


General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

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 drown stop valve with rising stem, bolted bonnet. Flat face flanged.

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



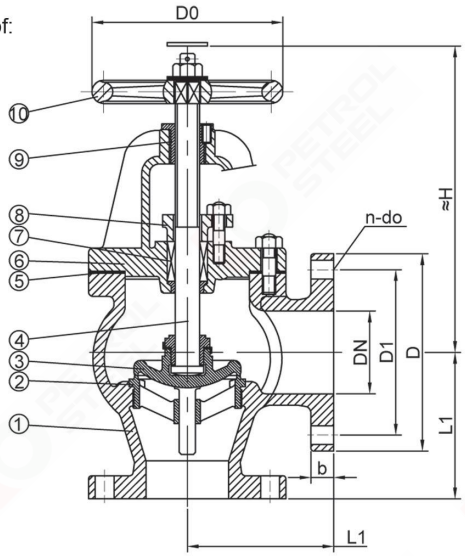
NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron

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

PN	DN	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 drown 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

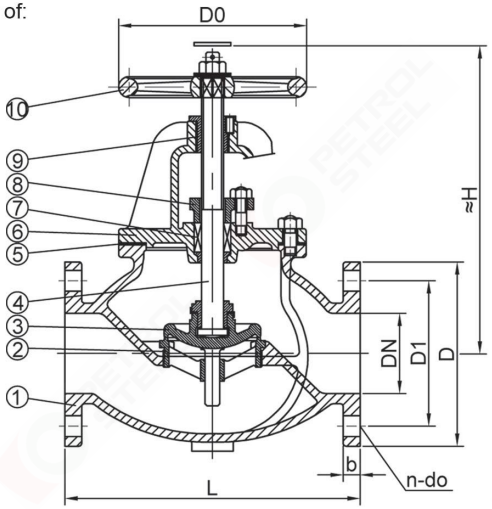
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	50	100	240	130	105	16	4	15	160
	65	115	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 drown stop valve with rising stem, bolted bonnet. Falt 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



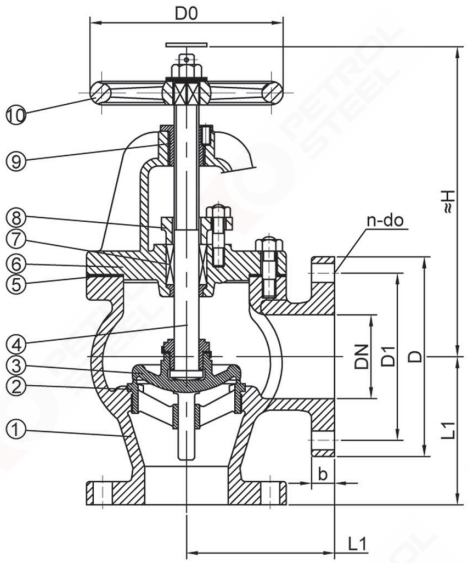
General Specification		
Design Std		
Flange Std	JIS B2220	
Test Std	JIS F7400	
Nominal pressure		10K
Applicable temperature		≤205℃
Pressure rating	2.1MPa	

PN	DN	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 drown 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



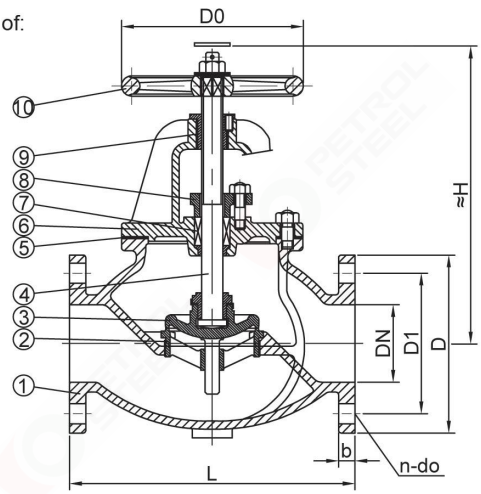
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

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 drown stop valve with rising stem, bolted bonnet. Falt 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

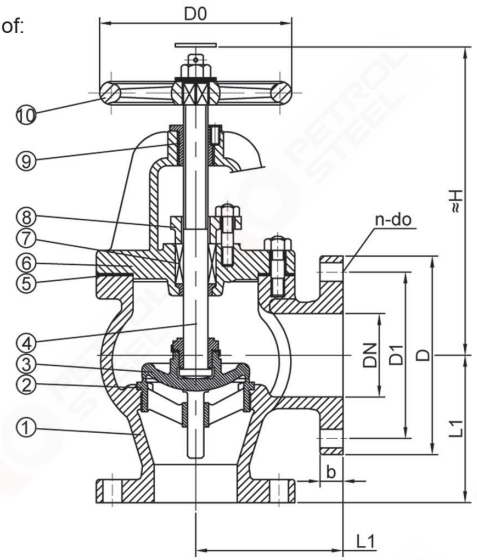


General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

PN	DN	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 drown stop valve with rising stem, bolted bonnet. Falt 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

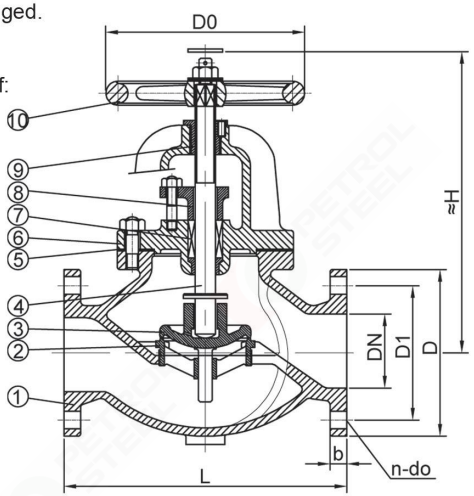
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

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

CHECK GLOBE VALVE
JIS F7353

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

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



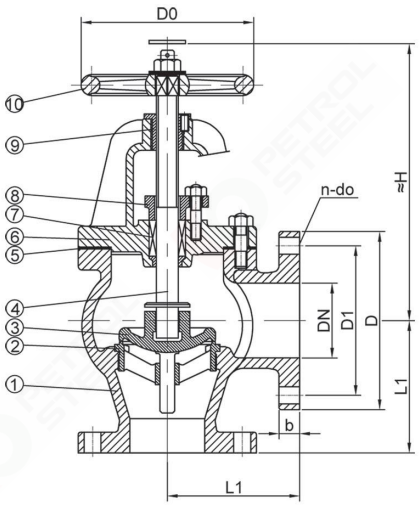
NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron

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 drown stop valve with rising stem, bolted bonnet. Falt 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

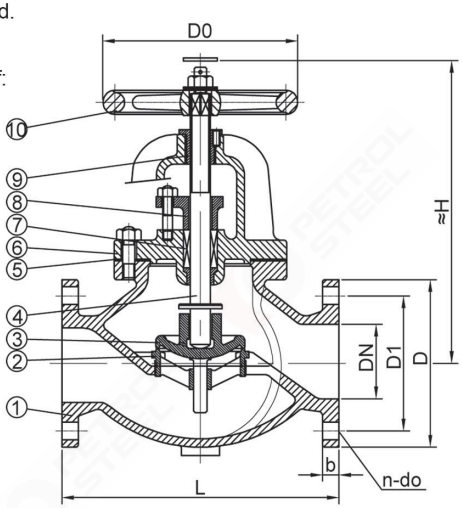
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0	D0
5K	50	100	240	130	105	16	4	15	160
	65	115	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

CHECK GLOBE VALVE
JIS F7375

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

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



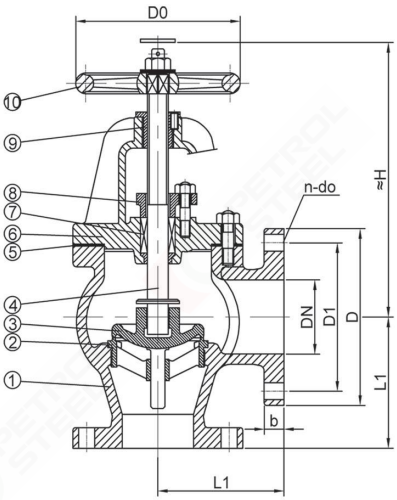
NO.	PART NAME	Material
1	Body	FC 200
2	Seat	Bronze
3	Disc	Bronze
4	Stem	Brass
5	Gasket	Graphite/ Aramid fiber
6	Bonnet	FC 200
7	Packing	Graphite/PTFE
8	Gland	Bronze
9	Agile	Brass
10	Handwheel	Cast iron

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

PN	DN	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 drown 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

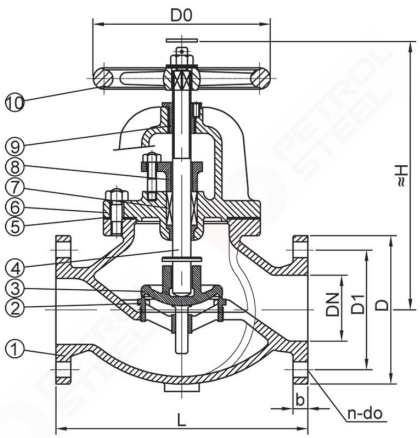
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

PN	DN	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

CHECK GLOBE VALVE
JIS F7377

DESCRIPTION: Straight type, FC 200 body, metal seated screw drown 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

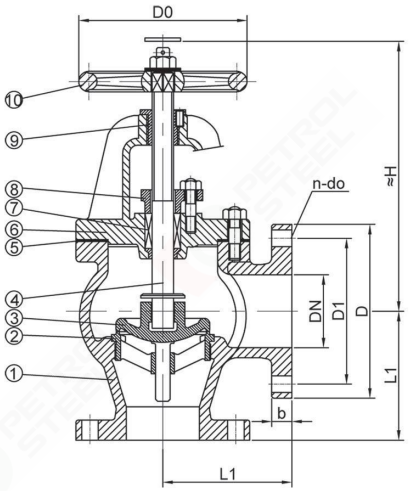
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

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

CHECK ANGLE VALVE
JIS F7378

DESCRIPTION: Angled type, FC 200 body, metal seated screw drown 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

JIS

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

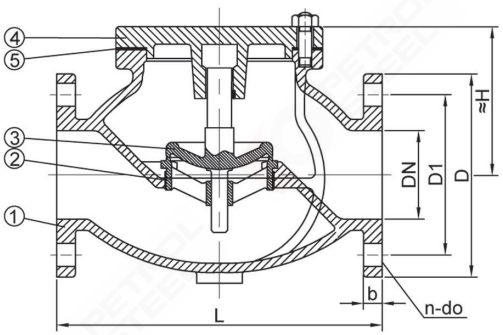
PN	DN	L1	≈H	D	D1	b	n	d0	D0
16K	50	120	255	155	120	20	8	19	160
	65	130	260	175	140	22	8	19	200
	80	150	290	200	160	24	8	23	224
	100	170	320	225	185	26	8	23	250
	125	200	375	270	225	26	8	25	315
	150	225	425	305	260	28	12	25	355

LIFT CHECK GLOBE VALVE
JIS F7358

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



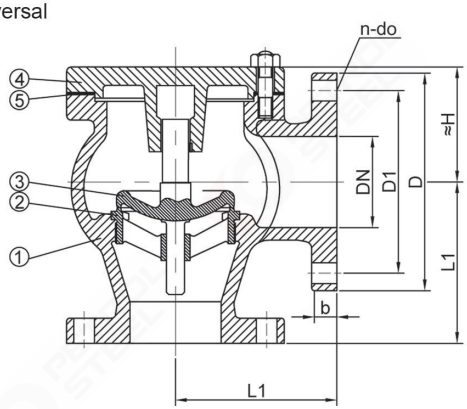
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

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

LIFT CHECK ANGLE VALVE
JIS F7359

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

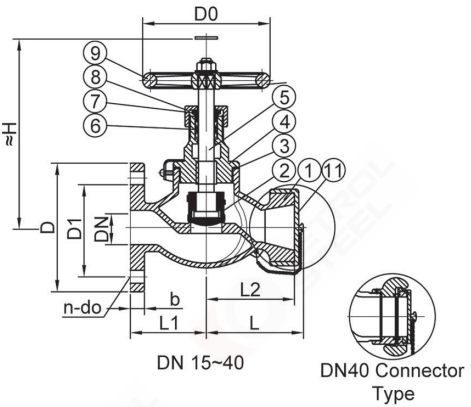
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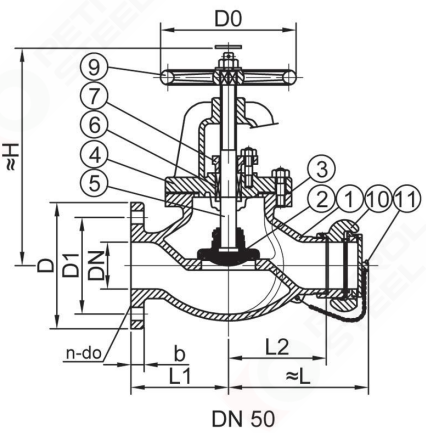
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

PN	DN	L1	≈H	D	D1	b	n	d0
5K	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.





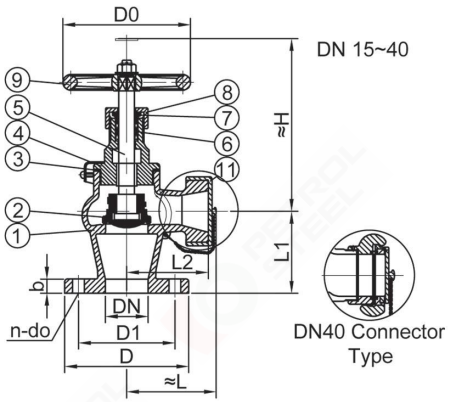
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Gasket	Graphite/ Aramid fiber
4	Bonnet	Bronze
5	Stem	Brass
6	Packing	Graphite/PTFE
7	Gland	Brass/ Bronze
8	Nut	Brass
9	Handwheel	Cast iron
10	Connector	Bronze
11	Cap	Bronze

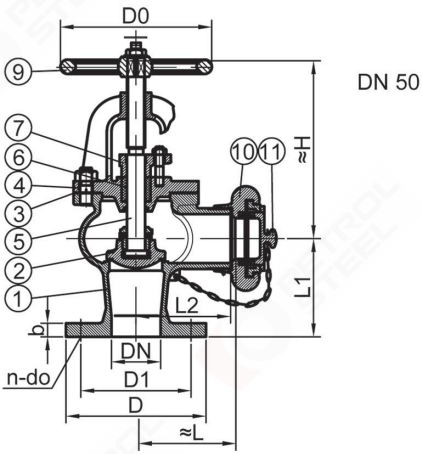
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

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

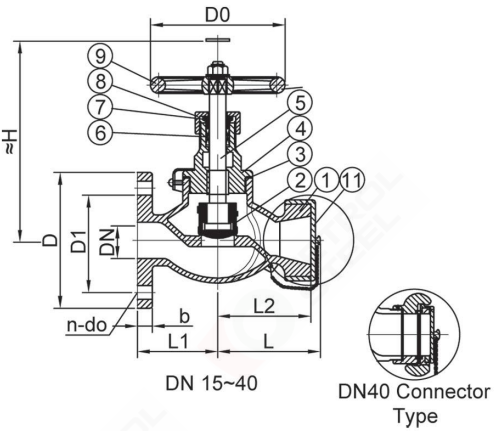
JIS

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

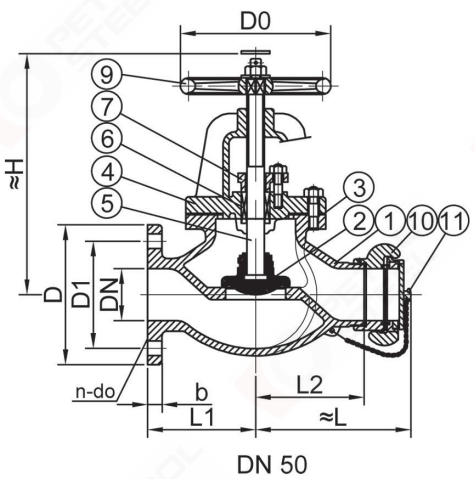
PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
5K	15	68	55	55	120	80	60	9	4	12	80
	25	78	65	65	145	95	75	10	4	12	125
	40	123.5	85	75	165	120	95	12	4	15	140
	50	154.8	100	100	225	130	105	14	4	15	160

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



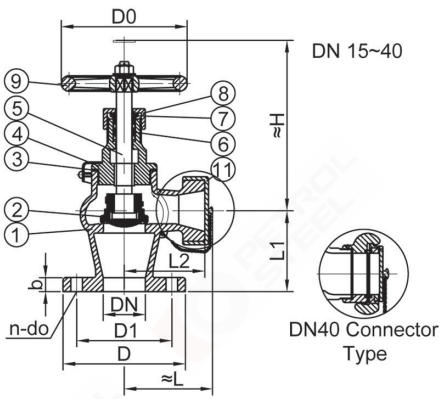
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

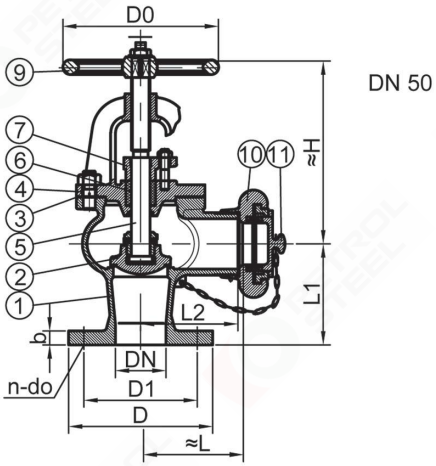
PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
10K	15	73	55	60	130	95	70	12	4	15	80
	25	83	65	70	160	125	90	14	4	19	125
	40	133.5	90	85	190	140	105	16	4	19	140
	50	164.8	110	110	270	155	120	16	4	19	160
	65	199.8	135	140	295	175	140	18	4	19	200

HOSE ANGLE VALVE
JIS F7334

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

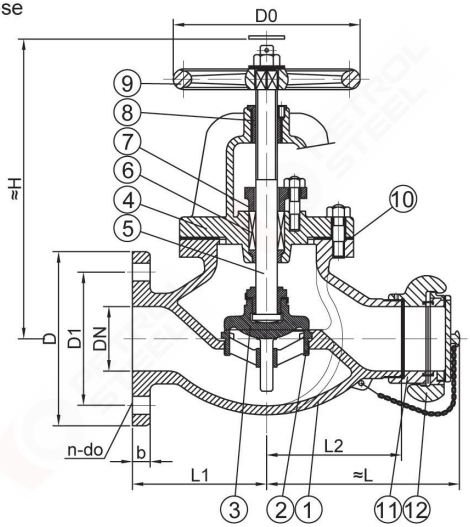
PN	DN	≈L	L1	L2	≈H	D	D1	b	n	d0	D0
10K	15	73	70	60	120	95	70	12	4	15	80
	25	83	85	70	145	125	90	14	4	19	125
	40	123.5	100	75	165	140	105	16	4	19	140
	50	159.8	120	105	240	155	120	16	4	19	160
	65	179.8	130	120	255	175	140	18	4	19	200

HOSE GLOBE VALVE
JIS F7333

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



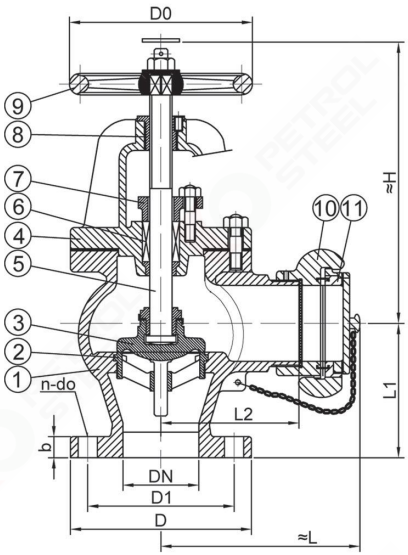
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K/10k
Applicable temperature	≤205℃
Pressure rating	1.05/3.36MPa

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

HOSE ANGLE VALVE
JIS F7333

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

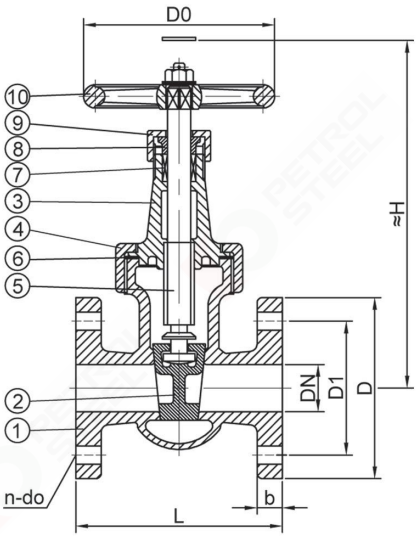
JIS

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	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.



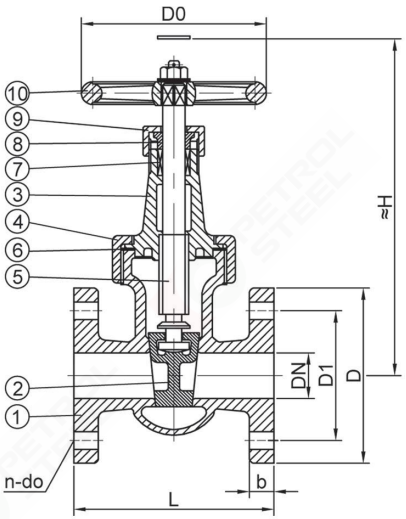
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Nut	Bronze
5	Stem	Brass
6	Gasket	Graphite/ Aramid fiber
7	Packing	Graphite/PTFE
8	Gland	Brass
9	Nut	Brass
10	Handwheel	Cast iron

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.



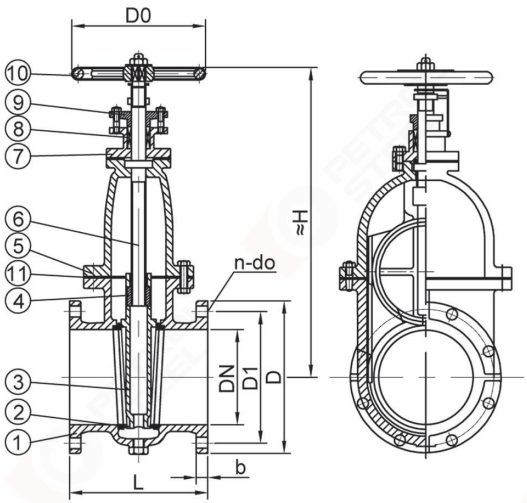
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Square nut	Bronze
4	Bonnet	Bronze
5	Stem	Brass
6	Stuffing box	Bronze
7	Packing	PTFE
8	Gland	Brass
9	Handwheel	Cast iron

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

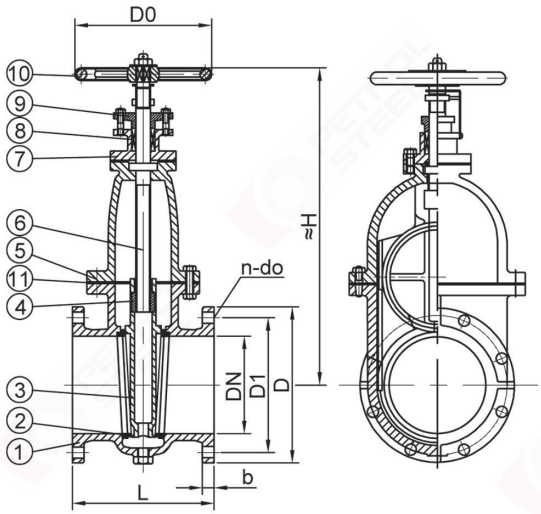
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	5K
Applicable temperature	≤205℃
Pressure rating	1.05MPa

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



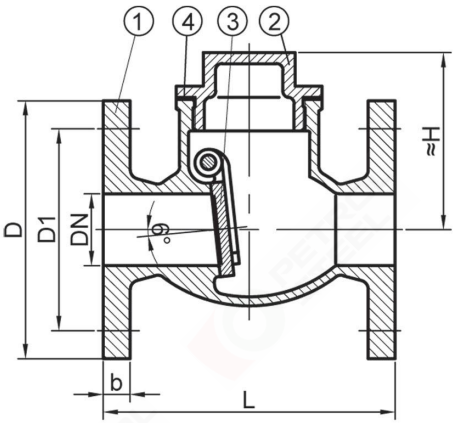
General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

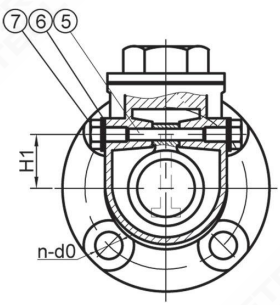
PN	DN	≈L	≈H	D	D1	b	n	d0	D0
10K	50	200	300	155	120	20	4	19	140
	65	220	350	175	140	22	4	19	160
	80	230	400	185	150	22	8	19	180
	100	250	450	210	175	24	8	19	200
	125	270	520	250	210	24	8	23	224
	150	290	580	280	240	26	8	23	250
	200	320	700	330	290	26	12	23	315
	250	380	840	400	355	30	12	25	400
	300	440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

SWING CHECK VALVE
JIS F7371

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.





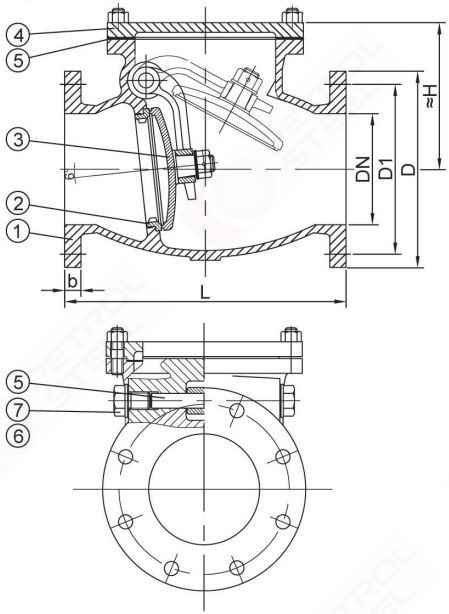
NO.	PART NAME	Material
1	Body	Bronze
2	Disc	Bronze
3	Bonnet	Bronze
4	Gasket	Graphite/ Aramid fiber
5	Hinge pin	Brass
6	Gasket	Graphite/ Aramid fiber
7	Pulg	Brass

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

JIS

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

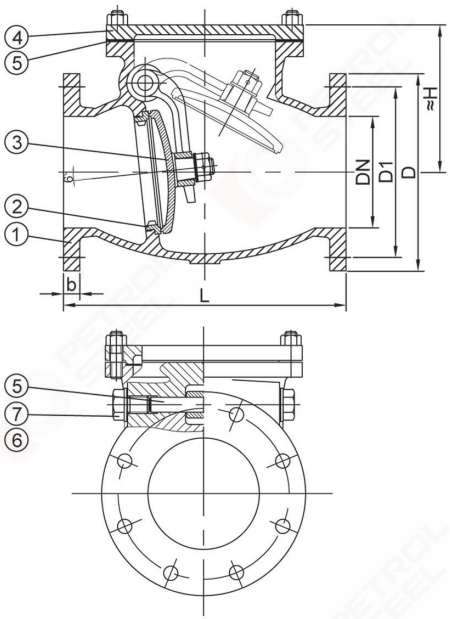
PN	DN	≈L	≈H	D	D1	b	n	d0
5K	50	190	97	130	105	16	4	15
	65	220	119	155	130	18	4	15
	80	250	129	180	145	18	4	19
	100	280	146	200	165	20	8	19
	125	330	171	235	200	20	8	19
	150	380	198	265	230	22	8	19
	200	460	235	320	280	24	8	23
	250	550	290	385	345	26	12	23

SWING CHECK VALVE
JIS F7373

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

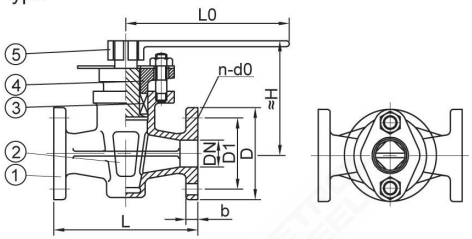


General Specification	
Design Std	
Flange Std	JIS B2220
Test Std	JIS F7400
Nominal pressure	10K
Applicable temperature	≤205℃
Pressure rating	2.1MPa

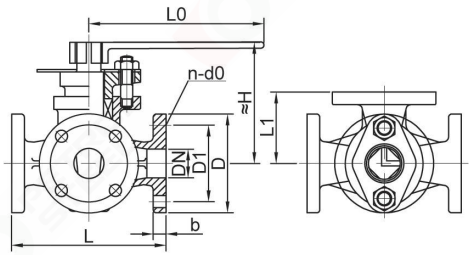
PN	DN	≈L	≈H	D	D1	b	n	d0
10K	50	210	109	155	120	20	4	19
	65	240	126	175	140	22	4	19
	80	270	136	185	150	22	8	19
	100	300	153	210	175	24	8	19
	125	350	180	250	210	24	8	23
	150	400	205	280	240	26	8	23
	200	480	242	330	290	26	12	23

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

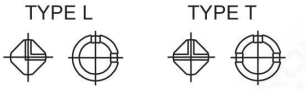


Three-Way Cock

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



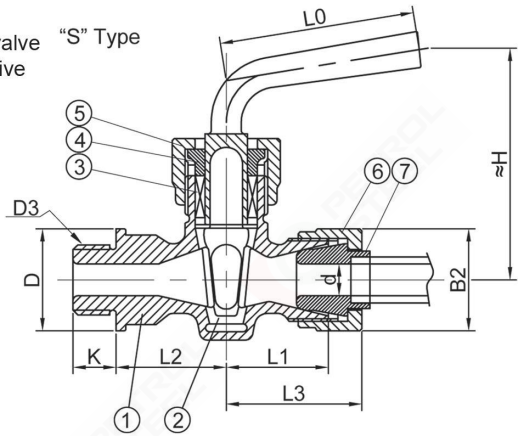
GROOVE INDICATING THE DIRECTION OF PORT

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.

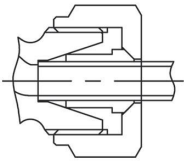
APPLICATION: Stop and distribution valve for: Compressed air, gases, non corrosive media and slurries etc.

"S" Type



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



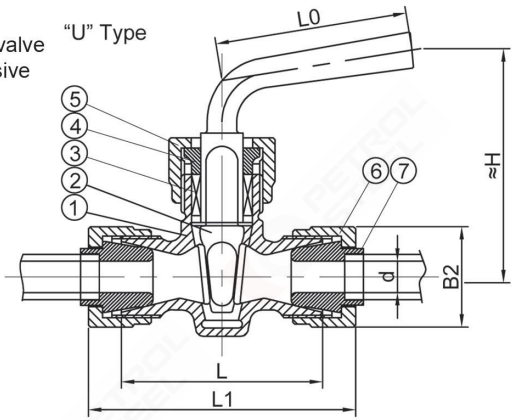
General Specification	
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

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.

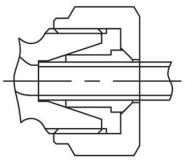
APPLICATION: Stop and distribution valve for: Compressed air, gases, non corrosive media and slurries etc.

"U" Type



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

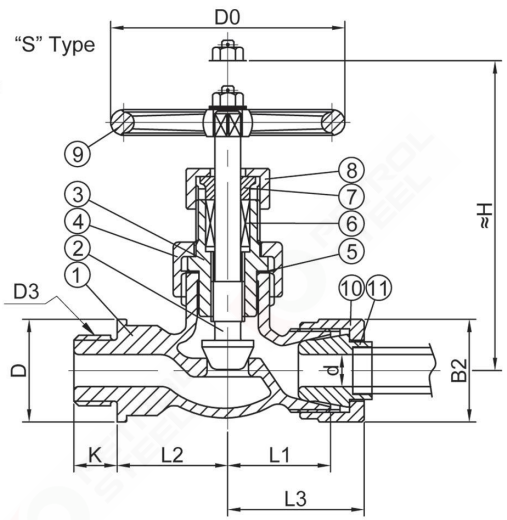


General Specification	
Design Std	
Thread Std	JIS B 0207
Test Std	JIS F7400
Nominal pressure	16K
Applicable temperature	≤205℃
Pressure rating	3.36MPa

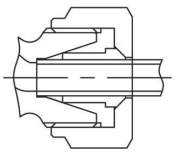
PN	DN	d	L	L1	≈H	B2	L0
16K	6	6	56	74	65	30	55
	10	10	80	104	73	41	65

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

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



For bite type union



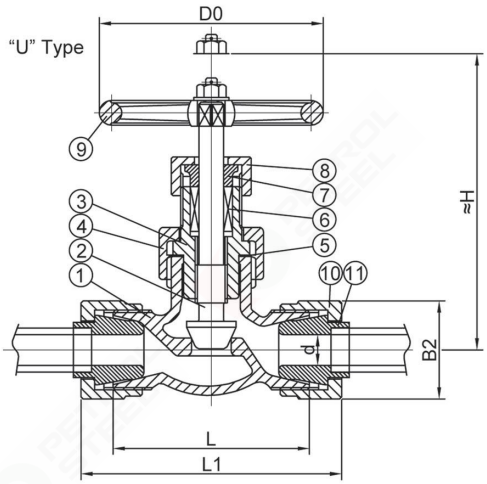
NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Nut	Brass
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Gland Nut	Brass
9	Hand wheel	Cast iron
10	Union Nut	Brass
11	Nipple for copper pipe	Brass

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

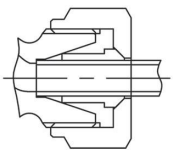
PN	DN	d	L1	L2	L3	K	≈H	D	B2	D3	D0
20K	6	6	32	32	41	12	100	28	30	M20X1.5	63
	10	10	36	35	48	16	115	34	41	M24X2	80

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

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



For bite type union



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

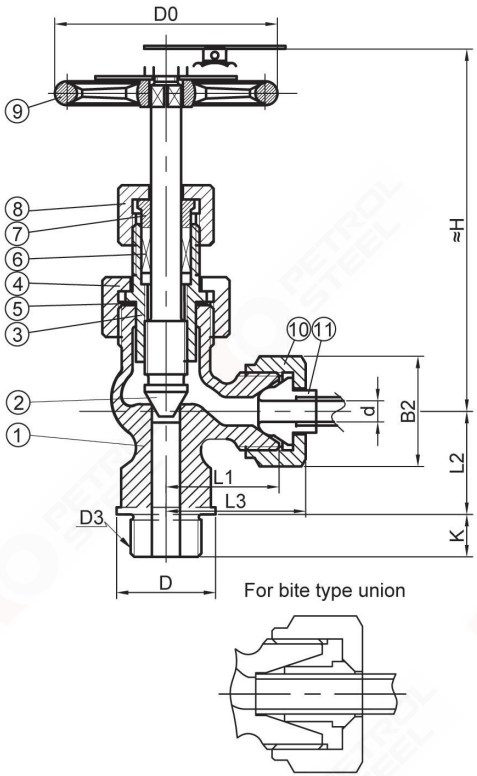
JIS

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.



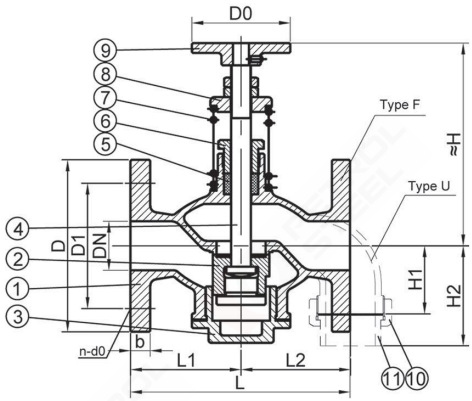
NO.	PART NAME	Material
1	Body	Bronze
2	Stem	Brass
3	Bonnet	Bronze
4	Nut	Brass
5	Gasket	Graphite/ Aramid fiber
6	Packing	Graphite/PTFE
7	Gland	Brass
8	Gland Nut	Brass
9	Hand wheel	Cast iron
10	Union Nut	Brass
11	Nipple for copper pipe	Brass

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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