idealPower

MARINE VALVES

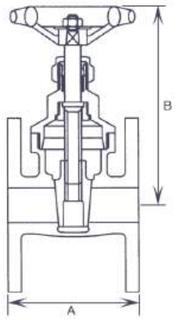
DIN TYPE

D

DIN MARINE Valves

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

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



UNI060002

Bronze
PN16
Gate Valve

Flanged PN16

Other flange drillings or undrilled on request

A bronze, full bore gate valve ideally suited for cost effective isolation of a variety of fluids.

PN16 flanged connections as standard but can be supplied with other flange drillings or undrilled.

Features, Benefits & Approvals

- Specifications to BS5154
- Non rising stem
- Screwed bonnet
- Full bore

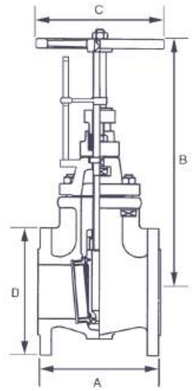
Pressure & Temperature

Maximum pressure:
PN16 rated

Temperature range:
10°C to 150°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
A	75	85	87	100	113	125	145	161	190
B	102	115	129	140	162	188	220	249	292
Weight Kg	1.2	1.78	2.2	3.4	4.2	5.6	7.4	10	15.8

MATERIALS	
Body	Bronze (LG2)
Wedge	Bronze (LG2)
Stem	Brass (CZ 122)
Bonnet	Bronze (LG2)
Handwheel	SG Iron / Aluminium
Gland Packing	PTFE



UNIIW3

Bronze
PN16 Rated
Marine Gate Valve

Flanged PN16

Other flange drillings or undrilled on request

Non rising stem, metal seated gate valves, suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

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

Features, Benefits & Approvals

- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Marine style with open & shut indicator
- Inside screw with non rising stem

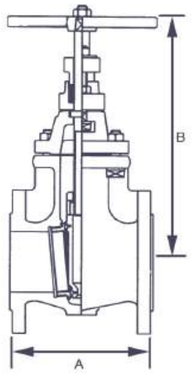
Pressure & Temperature

Maximum pressure:
PN16 rated

Temperature range:
13 bar @ 180°C
16 bar @ 120°C

SIZE	DN40	DN50	DN65	DN80	DN100	DN125	DN150
A	133	140	156	159	171	213	232
B	225	245	300	345	460	545	595
C	100	100	150	150	205	255	255
D	150	165	184	203	229	279	305

MATERIALS		OPTIONAL MATERIALS
Body	Bronze (LG2)	Bronze (LG4), Ali Bronze (AB2, AB4)
Disc	Bronze (LG2)	Bronze (LG4), Ali Bronze (AB2, AB4)
Stem	Manganese Bronze	
Bonnet	Bronze (LG2)	Bronze (LG4), Ali Bronze (AB2, AB4)



UNI060006

Cast Iron
PN16 Rated
DIN3202 F4 Gate Valve
Flanged PN16

A economic cast iron, full bore gate valve with a brass seat and stainless steel stem ideally suited for water applications.

Features, Benefits & Approvals

- Conforms to DIN3202 F4
- Inside screw with non rising stem
- Cast brass seat
- Stainless steel stem
- Bolted bonnet

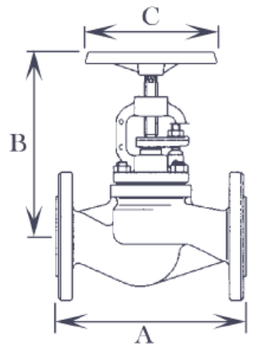
Pressure & Temperature

Maximum pressure:
PN16 rated

Temperature range:
10°C to 120°C

SIZE	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	140	150	170	180	190	200	210	230	250	270
B	230	210	230	265	303	375	430	524	650	740
Flange PCD	110	125	145	160	180	210	240	295	355	410
Flange Bolts	4 x M16	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20	12 x M20	12 x M24	12 x M24
Weight Kg	10	12	15	19	27	35	50	60	97	132

MATERIALS	
Body & Bonnet	Cast Iron (GG25)
Wedge	Cast Iron (GG25)
Body & Wedge Trim	Brass
Stem	Stainless Steel (A304)
Stem Nut	Brass
O Ring	EPDM
Packing	Graphite
Handwheel	Cast Iron (GG25)



UNI070020

Cast Iron Body
Stainless Steel Disc
Bellow Seal Type
Globe Valve
Flanged PN16

Other flange drillings or undrilled on request

This bolted bonnet bellow sealed globe valve with a stainless steel valve disc is ideally suited for isolation duty, providing a leak tight shut off with the capability of being used partially open to regulate flow.

Face to face dimensions to FTF series 1 according to DIN EN 5581 (DIN 3202 1 series F1).

Features, Benefits & Approvals

- DIN 3202 1 Series F1
- Bellow seal type
- Gland sealed
- Stainless steel disc
- Rising stem

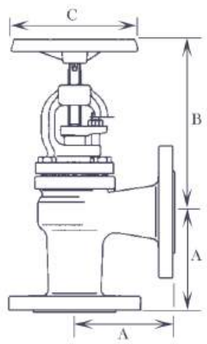
Pressure & Temperature

PN16 rated

16.0 bar @ 120°C
14.4 bar @ 150°C
12.8 bar @ 200°C
11.2 bar @ 250°C
9.6 bar @ 300°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	130	150	160	180	200	230	290	310	350	400	480	600	730	850
B (Open)	205	205	210	210	225	230	245	265	365	395	430	550	720	775
C	125	125	125	125	150	150	175	175	225	300	400	520	520	520
Weight Kg	3.7	4.5	5.6	6.9	8.9	11	15.3	21.1	32.4	51.6	74	147	247	404

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Stem	Stainless Steel
Disc	Stainless Steel
Bellow	Stainless Steel



UNI070021

Cast Iron Body
Stainless Steel Disc
Angled
Globe Valve
Flanged PN16/10

Other flange drillings or undrilled on request

This bolted bonnet globe valve with a stainless steel valve disc is ideally suited for isolation duty, providing a leak tight shut off with the capability of being used partially open to regulate flow.

Face to face dimensions to CTF series 8 according to DIN EN 5581 (DIN 3202 1 series F32).

Features, Benefits & Approvals

- DIN 3202 1 Series F32
- Screw lift
- Bolted bonnet
- Gland sealed
- Stainless steel disc
- Rising stem

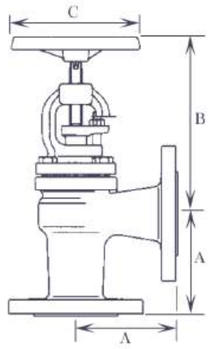
Pressure & Temperature

PN16 rated

16.0 bar @ 120°C
13.4 bar @ 180°C
12.8 bar @ 200°C
11.2 bar @ 250°C
9.6 bar @ 300°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	90	95	100	105	115	125	145	155	175	200	225	275	325	375
B (Open)	163	160	173	173	214	211	236	250	301	339	383	455	531	710
Flange	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN10	PN10	PN10
Weight Kg	3.1	3.5	4.8	6.6	8.7	11.8	14	20.5	32.2	46	62	106	182	288

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Stem	Stainless Steel
Disc	Stainless Steel



UNI070047

Cast Iron Body
Stainless Steel Disc
Bellow Seal Type
Angled
Globe Valve
Flanged PN16

Other flange drillings or undrilled on request

This bolted bonnet bellow sealed globe valve with a stainless steel valve disc is ideally suited for isolation duty, providing a leak tight shut off with the capability of being used partially open to regulate flow.

Face to face dimensions to CTF series 8 according to DIN EN 5581 (DIN 3202 1 series F32).

Features, Benefits & Approvals

- DIN 3202 1 Series F32
- Bellow seal type
- Gland sealed
- Stainless steel disc
- Rising stem

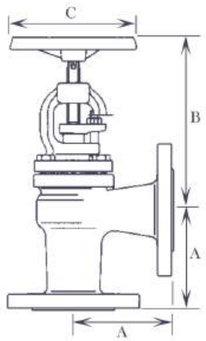
Pressure & Temperature

PN16 rated

16.0 bar @ 120°C
14.4 bar @ 150°C
12.8 bar @ 200°C
11.2 bar @ 250°C
9.6 bar @ 300°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	90	95	100	105	115	125	145	155	175	200	225	275	325	375
B (Open)	190	190	195	195	210	210	220	235	325	345	370	485	615	665
C	125	125	125	125	150	150	175	175	300	300	400	520	520	520
Weight Kg	3.7	4.4	5.1	6.5	8.3	11.2	14.6	19.4	29.4	44	58	145	221	298

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Stem	Stainless Steel
Disc	Stainless Steel
Bellow	Stainless Steel



UNI070049

Cast Iron Body
Stainless Steel Disc
Screw Down Non Return
Angled
Globe Valve

Flanged PN16

Other flange drillings or undrilled on request

This bolted bonnet globe valve with a stainless steel valve disc has a non return design, preventing reverse flow when in the open position. Also suitable for isolation duty, providing a leak tight shut off.

Face to face dimensions to CTF series 8 according to DIN EN 5581 (DIN 3202 1 series F32).

Features, Benefits & Approvals

- DIN 3202 1 Series F32
- Screw Down Non Return (SDNR)
- Bolted bonnet
- Gland sealed
- Stainless steel disc
- Rising stem

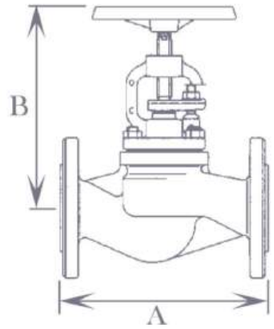
Pressure & Temperature

PN16 rated

16.0 bar @ 120°C
13.4 bar @ 180°C
12.8 bar @ 200°C
11.2 bar @ 250°C
9.6 bar @ 300°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	90	95	100	105	115	125	145	155	175	200	225	275	325	375
B (Open)	163	160	173	173	214	211	236	250	301	339	383	455	531	710
Flange	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN10	PN10	PN10
Weight Kg	3.1	3.5	4.8	6.6	8.7	11.8	14	20.5	32.2	46	62	106	182	288

MATERIALS	
Body	Cast Iron
Bonnet	Cast Iron
Stem	Stainless Steel
Disc	Stainless Steel
Spring	Stainless Steel



UNI070051

Ductile Iron Body
Stainless Steel Disc
Globe Valve

Flanged PN16/10

Other flange drillings or undrilled on request

This bolted bonnet globe valve with a stainless steel valve disc is ideally suited for isolation duty, providing a leak tight shut off with the capability of being used partially open to regulate flow.

Face to face dimensions to FTF series 1 according to DIN EN 5581 (DIN 3202 1 series F1).

Features, Benefits & Approvals

- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- DIN 3202 1 Series F1
- Screw lift
- Bolted bonnet
- Gland sealed
- Stainless steel disc
- Rising stem

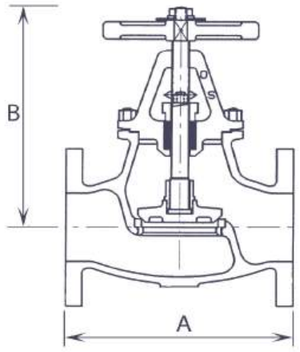
Pressure & Temperature

PN16 rated

16.0 bar @ 120°C
15.0 bar @ 200°C
14.0 bar @ 250°C
13.0 bar @ 300°C
11.0 bar @ 350°C

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	130	150	160	180	200	230	290	310	350	400	480	600	730	850
B (Open)	172	172.5	182	200	255	273	295	332	369	432	483	606	758	830
Flange	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN10	PN10	PN10
Weight Kg	3.3	3.9	5.0	6.6	8.4	12.0	17.3	22.7	35.8	52.8	74.2	126	200	315

MATERIALS	
Body	Ductile Iron
Bonnet	Ductile Iron
Stem	Stainless Steel
Disc	Stainless Steel



UNI070078

Bronze
ANSI B16.10 Length
Marine Globe Valve
Flanged ASA 150
Flat Face

(Raised face on request)

Bronze bolted cover, rising stem, metal seated gland packed globe valve. Suitable for cold and hot water, seawater, saturated steam, oil and other neutral non aggressive liquids.

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

Features, Benefits & Approvals

- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Length to ANSI B16.10
- Screw lift
- Metal seated
- Rising stem
- Bolted bonnet

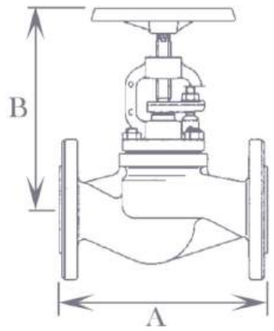
Pressure & Temperature

15.5 Bar @ 60°C
14.3 Bar @ 100°C
13.4 Bar @ 125°C
12.5 Bar @ 150°C
11.5 Bar @ 175°C
10.7 Bar @ 200°C
9.6 Bar @ 225°C

Note: Steam up to 180°C only

SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150
A	108	117	127	140	165	203	216	241	292	356	406
B (Open)	155	160	175	180	205	215	235	275	325	365	405
Flange	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150	ASA 150
Weight Kg	2.1	2.6	3.5	4.5	6.7	9.2	13.0	18.0	27.0	36.0	52.0

STANDARD MATERIALS		OPTIONAL MATERIALS
Body	Bronze (LG2)	Ali Bronze
Bonnet	Bronze (LG2)	
Stem	Brass (SoMs59)	Bronze (CuSn6)
Disc	Bronze (LG2)	Ali Bronze



UNI071015

Cast Steel Body
Stainless Steel Disc
Globe Valve
Flanged PN40

This bolted bonnet globe valve with a stainless steel valve disc is ideally suited for isolation duty, providing a leak tight shut off with the capability of being used partially open to regulate flow.

Face to face dimensions to FTF series 1 according to DIN EN 5581 (DIN 3202 1 series F1).

Features, Benefits & Approvals

- 3.1 available on request
- DIN 3202 1 Series F1
- Screw lift
- Bolted bonnet
- Gland sealed
- Stainless steel disc
- Rising stem

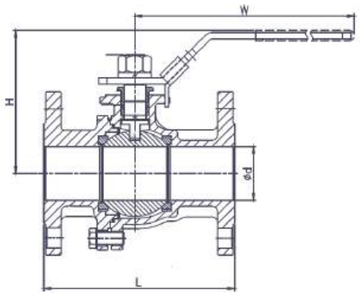
Pressure & Temperature

Pressure range:
PN40 rated

Temperature range:
20°C to 400°C

DN	15	20	25	32	40	50	65	80	100	125	150	200
A	130	150	160	180	200	230	290	310	350	400	480	600
B	155	160	180	180	220	230	280	285	315	523	541	699
Flange	PN40	PN40	PN40	PN40	PN40	PN40	PN40	PN40	PN40	PN40	PN40	PN40
Weight Kg	3.5	4.3	6.3	7.3	12.5	15	22.5	27.5	42	67	99	200

MATERIALS	
Body	Cast Steel
Bonnet	Cast Steel
Stem	Stainless Steel
Disc & Seat	Stainless Steel



UNI090018

Stainless Steel 2 Piece Ball Valve c/w Operating Lever

Flanged

PN16

A versatile and robust two piece stainless steel ball valve suitable for a wide range of isolation applications.

The quarter turn operation in conjunction with the PTFE seats provides fast positive isolation.

This valve can be locked in either the open or closed position.

Approvals, Features & Benefits

- Face to face: DIN 3202 part 1 F4/F5
- Blow out proof stem
- Lockable device when lever is fitted
- Full bore

Pressure & Temperature

Pressure range :

PN16 rated

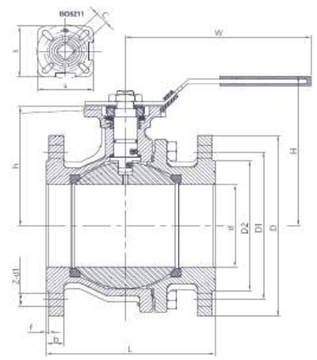
Temperature range*:

20°C to 200°C

* Dependent on pressure

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
L	115	120	125	130	140	150	170	180	190	325	350	400	450
W	169	169	206	206	267	267	298	390	390	743	743	925	1050
H	86	89	104	109	130	135	145	166	181	240	257	324	378
d	15	20	25	32	38	50	63	76	100	125	150	200	250
Weight Kg	2.2	2.6	3.65	6.12	6.85	9.65	15.2	19.6	27.3		53	80	

MATERIALS	
Body	Stainless Steel (CFM8)
Ball (DN15 100)	Stainless Steel (CFM8)
Ball (DN125 250)	Stainless Steel (316)
Seats	PTFE
Stem	Stainless Steel (316)



UNI090019

Stainless Steel 2 Piece Ball Valve ISO 5211 Mount c/w Operating Lever

Flanged

PN16/40

A versatile and robust two piece stainless steel ball valve suitable for a wide range of isolation applications.

The quarter turn operation in conjunction with the PTFE seats provides fast positive isolation.

This valve can be locked in either the open or closed position.

Approvals, Features & Benefits

- Face to face: DIN 3202 F4, EN 558 1 27
- ATEX approved
- ISO 5211 direct mounting pad
- Lockable device when lever is fitted
- Full bore

Pressure & Temperature

Pressure range :

DN15 50 : PN40 rated
DN65 100 : PN16 rated

Temperature range*:

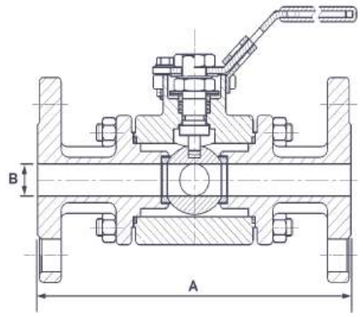
25°C to 200°C

* Dependent on pressure

DN	15	20	25	32	40	50	65	80	100
d	15	20	25	32	40	50	65	80	100
L	115	120	125	130	140	150	170	180	190
D	95	105	115	140	150	165	185	200	220
D1	65	75	85	100	110	125	145	160	180
D2	45	58	68	78	88	102	122	138	158
b	16	18	18	18	18	20	18	20	20
f	2	2	2	2	3	3	3	3	3
H	82	87	90	100	105	125	142	155	168
W	120	120	160	160	200	200	255	255	300
C	9	9	11	11	14	14	17	17	17
ISO5211	F03/F04	F03/F04	F04/F05	F04/F05	F05/F07	F05/F07	F07/F10	F07/F10	F07/F10
Z d1	4 x Ø14	4 x Ø14	4 x Ø14	4 x Ø18	4 x Ø18	4 x Ø18	4 x Ø18	8 x Ø18	8 x Ø18
h	48	53	58.5	71	76.5	85	100	112.5	125.5
s	42.6	42.6	50	50	64.5	64.5	93.6	93.6	93.6
Torque*	6.3	10	12.5	17.5	25	37.5	47.5	93.8	137.5
Weight Kgs	2.91	3.38	3.73	4.95	6.1	8.9	12.8	18.9	26.6

* Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

MATERIALS	
Body	Stainless Steel (CFM8)
Ball	Stainless Steel (316)
O ring	Viton
Seats	RPTFE (15%)
Stem	Stainless Steel (316)



UNI090020

Stainless Steel
3 Way L Ported
Ball Valve
ISO 5211 Mount
c/w Operating Lever

Flanged
PN16

A three way, L Ported stainless steel ball valve making them suitable for many applications where fluid diversion is required.

This valve may be locked in various positions when fitted with a lever.

Approvals, Features & Benefits

- 3 Way ● L Ported
- ISO 5211 top mounting pad
- Lockable device when lever is fitted
- Full bore
- Blowout proof stem

Pressure & Temperature

Pressure range :

PN16 rated

Temperature range*:

20°C to 200°C

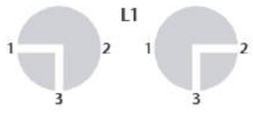
* Dependent on pressure

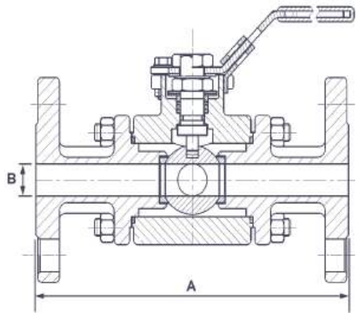
DN	15	20	25	32	40	50	65	80	100	150
A	160	165	180	234	234	273	300	305	369	480
B	15	20	25	32	40	50	65	76	96	148
ISO 5211	F03/F04	F03/F04	F04/F05	F07	F07	F07	F10	F10	F10	F14
Torque (Nm)*	29	35	40	49	49	104	114	235	293	553
Weight Kg	4.6	6.2	9.5	13	13	17	27	32	49	105

* Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

MATERIALS	
Body	Stainless Steel (CFM8)
Ball	Stainless Steel (CF8M)
O ring	Viton
Seats	PTFE
Stem	Stainless Steel (CF8M)

Ball Position





UNI090021

Stainless Steel
3 Way T Ported
Ball Valve
ISO 5211 Mount
c/w Operating Lever

Flanged
PN16

A three way, T Ported stainless steel ball valve making them suitable for many applications where fluid diversion is required.

This valve may be locked in various positions when fitted with a lever.

Approvals, Features & Benefits

- 3 Way ● T Ported
- ISO 5211 top mounting pad
- Lockable device when lever is fitted
- Full bore
- Blowout proof stem

Pressure & Temperature

Pressure range :

PN16 rated

Temperature range*:

20°C to 200°C

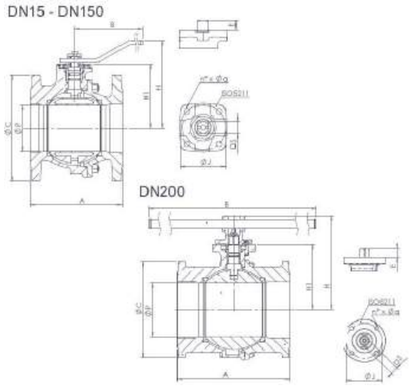
* Dependent on pressure

DN	15	20	25	32	40	50	65	80	100	150
A	160	165	180	234	234	273	300	305	369	480
B	15	20	25	32	40	50	65	76	96	148
ISO 5211	F03/F04	F03/F04	F04/F05	F07	F07	F07	F10	F10	F10	F14
Torque (Nm)*	29	35	40	49	49	104	114	235	293	553
Weight Kg	4.6	6.2	9.5	13	13	17	27	32	49	105

* Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

MATERIALS	
Body	Stainless Steel (CFM8)
Ball	Stainless Steel (CF8M)
O ring	Viton
Seats	PTFE
Stem	Stainless Steel (CF8M)

Ball Position



UNI091019

Ductile Iron
2 Piece Ball Valve
c/w Operating Lever
Flanged
PN16

The JV091019 is a ductile iron bodied full bore ball valve suitable for various applications.

The quarter turn operation in conjunction with the PTFE seats provides fast positive isolation.

Full bore construction minimises headloss and the hard chrome plated ball offers excellent wear resistance.

Approvals, Features & Benefits

- DIN 3202 F4 length (up to DN150)
- DIN 3202 F5 length (DN200)
- ISO 5211 top mounting pad
- Lever operated as standard

Pressure & Temperature

Pressure range :
PN16 rated

Temperature range:
10°C to 100°C

DN	15	20	25	32	40	50	65	80	100	125	150	200
P	15	20	25	32	40	50	63	76	95	120	145	190
A	115	120	125	130	140	150	170	180	190	200	210	400
H	160	160	170	170	125	135	145	165	180	225	243	320
H1	50.5	52	59	64	78.5	87	95	118	132.5	165	182.5	230
B	84	84	96	101	230	230	230	280	360	520	520	1000
C	95	105	115	140	150	165	185	200	220	250	285	340
F	65	75	85	100	110	125	145	160	180	210	240	295
ISO 5211	F04	F04	F04	F04	F05	F05	F05	F07	F07	F10	F10	F12
J	42	42	42	42	50	50	50	70	70	102	102	125
N x q	4 x 6	4 x 6	4 x 6	4 x 6	4 x 7	4 x 7	4 x 7	4 x 9	4 x 9	4 x 11	4 x 11	4 x 13
E	9.5	9.5	11	11	13.5	13.5	13.5	15	15	21	21	27
S	9	9	11	11	14	14	14	17	17	22	22	27
Torque (Nm)*	18.75	18.75	22.5	22.5	22.5	25	50	87.5	125	225	312.5	750
Kv	22.3	47.7	83.5	150.4	255	435	672	947	1508	2633	4261	5957
Weight Kgs	2.6	3.3	4.2	5.8	7.5	9.0	10.5	15.5	18.5	28.0	38.5	93.0

* Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

MATERIALS	
Body	Ductile Iron (GGG40)
Ball	Brass
Stem	Chrome Plated Brass
O ring	NBR
Seats	PTFE
Lever	Carbon Steel

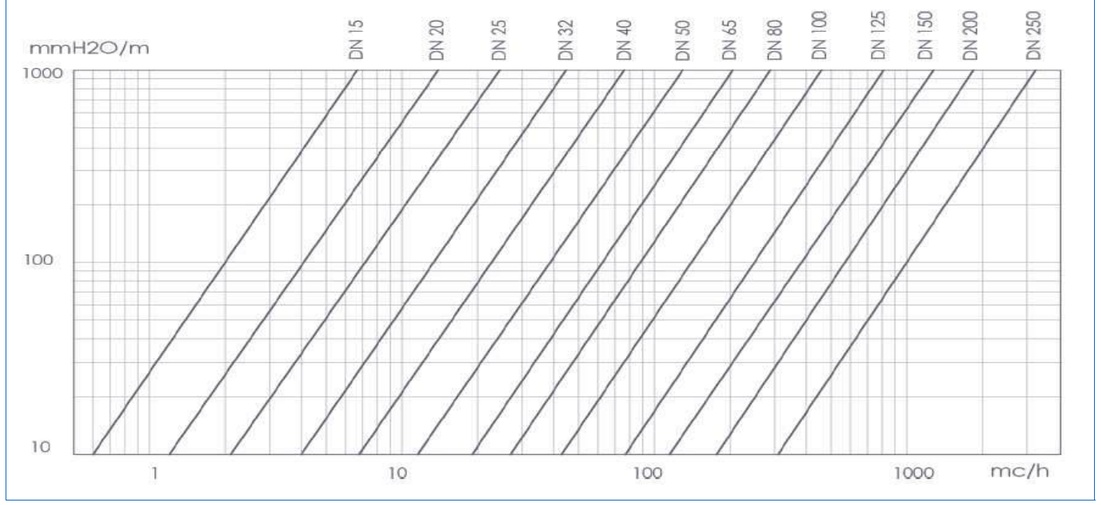
Various actuation options are available, contact sales for details.

UNI091019

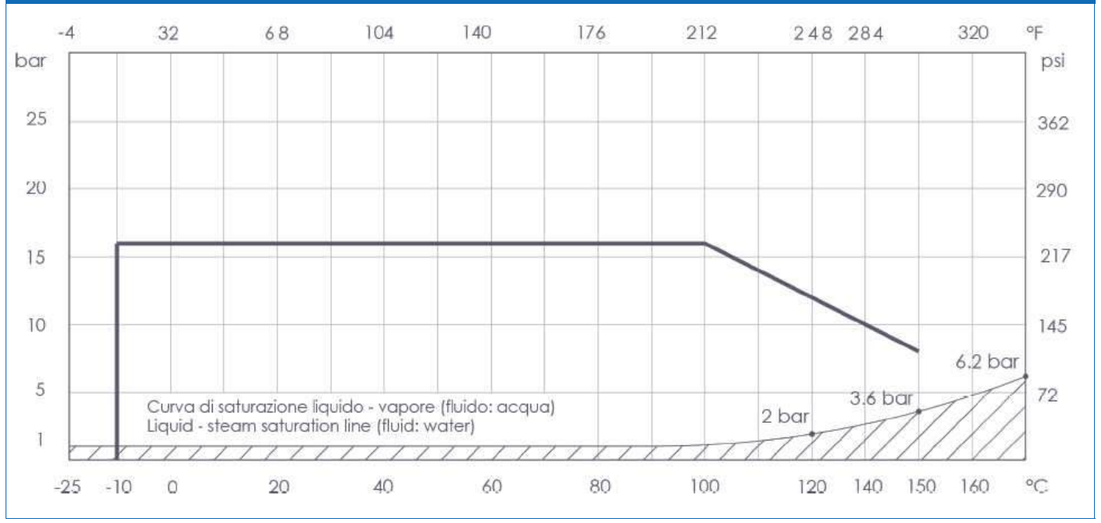
Ductile Iron
2 Piece Ball Valve
c/w Operating Lever
Flanged
PN16

Lever operated as standard.

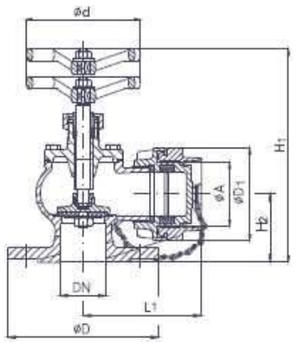
HEADLOSS CHART



PRESSURE / TEMPERATURE CHART



Note: This range is not suitable for steam. Do not use when the pressure & temperature are below the liquid/steam saturation line (hatched area)



UNI120006

Bronze
Angled Pattern
Marine
Landing
Globe Valve

Storz Outlet

Flanged Inlet
Raised Face

PN10/16 (standard)
BS10 D/E, ANSI 125, JIS 10K
(Specify when enquiring)

Marine grade bolted bonnet fire hydrant valve suitable for both offshore and onshore applications. Constructed with a dual seat design, the primary valve seat is NBR with an additional secondary metal to metal seat.

This valve is manufactured with a corrosion resistant LG2 bronze body and can be painted red on request.

It is available with Storz connection as standard but is available with a wide range of other connections.

Approvals, Features & Benefits

- DIN 86211
- Lloyds type approved
- 3.1 material certification on request
- Bolted bonnet
- Dual seat design
- Storz outlet

Pressure & Temperature

Maximum pressure:
16 Bar

Temperature range:
0°C to 80°C

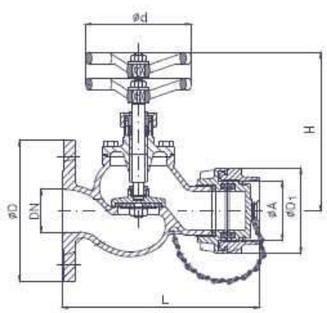
DN (VALVE) / DN (ADAPTOR)	40 Storz 38	40 Storz C 52	50 Storz C 52	65 Storz C 52	65 Storz 65	65 Storz B 75
H1	220	220	225	255	255	255
H2	70	70	75	90	90	90
L1	120	120	130	155	155	155
ød	140	140	140	160	160	160
øD	150	150	165	185	185	185
øA	52	66	66	66	81	89
øD1	78	98	98	98	118	126
WEIGHT Kg	6	6	7.5	11	11	11

STANDARD MATERIALS		OPTIONAL MATERIALS (Others available on request)
Body & Bonnet	Bronze (LG2)	
Stem & Disc	Special Brass (SoMs 59)	Phosphor Bronze (CuSn6)
Seat Disc	NBR	
Adapter & Cap	Brass (MS58)	Bronze (LG2)
Handwheel	Cast Iron (GG25)	Bronze (LG2)

Optional International Outlets

Available in the following:

Storz • Gost • NST
NOR • SMS • Form 63
Guillemin • Nakajima • ROTA



UNI120007

Bronze
Straight Pattern
Marine Fire Hydrant
Landing
Globe Valve

Storz Outlet

Flanged Inlet
Raised Face

PN10/16 (standard)
BS10 D/E, ANSI 125, JIS 10K
(Specify when enquiring)

Marine grade bolted bonnet fire hydrant valve suitable for both offshore and onshore applications. Constructed with a dual seat design, the primary valve seat is NBR with an additional secondary metal to metal seat.

This valve is manufactured with a corrosion resistant LG2 bronze body and can be painted red on request.

They are available with Storz connection as standard but are also available with a wide range of other connections.

Approvals, Features & Benefits

- DIN 86211
- Lloyds type approved
- 3.1 material certification on request
- Bolted bonnet
- Dual seat design
- Storz outlet

Pressure & Temperature

Maximum pressure:
16 Bar

Temperature range:
0°C to 80°C

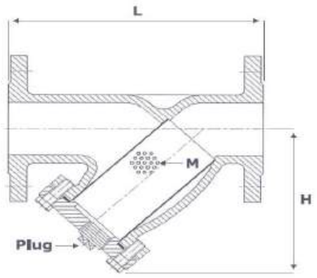
DN (VALVE) / DN (ADAPTOR)	40 Storz 38	40 Storz C 52	50 Storz C 52	65 Storz C 52	65 Storz 65	65 Storz B 75
H	160	160	175	205	205	205
L	205	205	220	260	260	260
ød	140	140	140	160	160	160
øD	150	150	165	185	185	185
øA	52	66	66	66	81	89
øD1	78	98	98	98	118	126
WEIGHT Kg	6	6	7.5	11	11	11

STANDARD MATERIALS		OPTIONAL MATERIALS (Others available on request)
Body & Bonnet	Bronze (LG2)	
Stem & Disc	Special Brass (SoMs 59)	Phosphor Bronze (CuSn6)
Seat Disc	NBR	
Adapter & Cap	Brass (MS58)	Bronze (LG2)
Handwheel	Cast Iron (GG25)	Bronze (LG2)

Optional International Outlets

Available in the following:

Storz • Gost • NST
NOR • SMS • Form 63
Guillemin • Nakajima • ROTA



UNI150022

Cast Iron
Y Type
Strainer
WRAS Approved
Flanged PN16

WRAS Approved product

The JV150022 is an economical WRAS approved cast iron Y type strainer with a stainless steel screen, ideally suited for potable water applications to protect meters, pumps, valves and other pipeline equipment.

Approvals, Features & Benefits

- WRAS approved (7101)
- Economical
- Y type for efficient straining
- Easy to remove screen for cleaning
- Drain plug

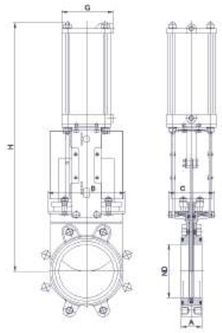
Pressure & Temperature

Maximum pressure:
16 bar

Temperature range:
10°C to 120°C

DN	50	65	80	100	125	150	200	250	300
L	230	273	295	352	416	470	543	660	770
H	145	174	198	232	285	305	401	473	554
Screen Mesh	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0
Plug (BSPM)	½"	1"	1"	1"	1¼"	1½"	1½"	2"	2"
Weight Kg	10	26	24	34	52	70	110	185	295

MATERIALS	
Body	Cast Iron
Cover	Cast Iron
Screen	Stainless Steel (AISI 304)
Gasket	EPDM
Plug	Cast Iron
Coating	Epoxy



UNI241027

Cast Iron
NBR or EPDM
Unidirectional
Knife Gate Valve
c/w Double Acting Pneumatic Actuator

Lug Type
Between PN10 Flanges

The JV241027 is a Double acting pneumatic Knife Gate valve which is used to control the flow of fluids, slurries, or other materials. It is typically used in applications where a tight shut off is required, such as in the chemical, petrochemical, and mining industries.

This valve and actuator is supplied fully assembled and tested before dispatch.

A great solution for any process that has large particles or debris.

Approvals, Features & Benefits

- Suitable for EN 1092 2 PN10 flanges
- Rilsan painted body
- Complete assembled package
- EPDM or NBR Seat Options
- Double Acting Actuator
- Actuator Control Pressure: 5 to 7 bar

Pressure & Temperature

Pressure range:

DN50 200: 10 bar
DN250: 8 bar
DN300: 6 bar
DN350 400: 4 bar
DN450 600: 3 bar

Temperature range:

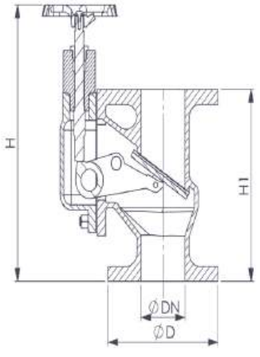
NBR: 10°C to +90°C
EPDM: 0°C to 110°C

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	40	40	50	50	50	60	60	70	70	96	100	106	110	110
B	125	140	155	175	190	220	275	325	380	440	495	550	615	715
C	92	92	92	92	102	102	120	120	120	290	290	290	290	290
G	96	96	96	115	138	138	175	218	218	270	270	382	382	382
H	400	442	483	546	630	692	869	1032	1182	1379	1535	1677	1839	2145
Air Ports (BSP)	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 3/8"	G 3/8"	G 3/8"	G 1/2"	G 1/2"
Actuator volume (liter)	0.4	0.5	0.6	1	1.9	2.3	4.8	9.4	11.2	20	23	51	57	70
Weight Kg	9	11	12	13	18	22	40	50	65	120	150	188	220	268

VALVE MATERIALS	
Body	Rilsan Coated Cast Iron
Seat	EPDM or NBR
Gate	Stainless Steel
Shaft	Stainless Steel

ACTUATOR SPECIFICATIONS			
Air Pressure	5 to 7 bar	Body	Aluminium alloy
Ambient Temp	20 to +60°C	Stem	Stainless Steel
Type	Linear	End Caps	Aluminium alloy

ACTUATOR OPTIONS	
Filter Regulator on compressed air supply	Limit Switches (open & closed)
5/2 pilot solenoid valve (12VDC, 24VDC, 110VAC, 230VAC)	Position Detectors P+F 10 36V DC PNP NO 3 threads with 2m wire
Silencer	Stainless Steel Lateral Bracket



UNI350001

Ductile Iron Straight (Vertical) Storm Valve c/w Closing Device DIN 87101 Form B Flanged PN16

Storm valves also known as scupper valves, are basically swing check valves which can be supplied with or without a closing device.

They are used in sanitary discharge pipelines which have a ship side exit, and prevent sea water entering the system during heavy sea.

Features, Benefits & Approvals

- DIN 87101 Form B
- Face to face to EN558 Series 48 (DIN 2501)
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Optional open/shut indicators
- Closing device (without on request)

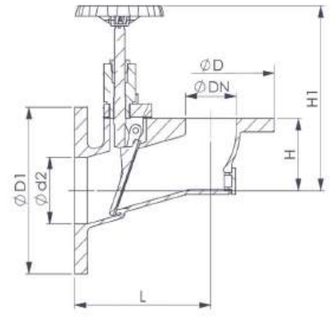
Pressure & Temperature

Pressure rating:
PN4

Temperature range:
10°C to 60°C

DN	50	65	80	100	125	150	200	250	300
H1	200	240	260	300	350	400	500	600	700
H	310	350	390	435	495	530	625	750	900
D	165	185	200	220	250	285	340	395	445
Weight Kg	16	22	27	35	50	67	101	150	240

MATERIALS	
Body/Bonnet	Ductile Iron (GGG40)
Disc	Bronze (LG2) or Stainless Steel
Stem	Bronze (LG2) or Stainless Steel
Flap	NBR Faced



UNI350002

Ductile Iron Angled Storm Valve c/w Closing Device DIN HNA Sr 6 Form B Flanged PN16

Storm valves also known as scupper valves, are basically swing check valves which can be supplied with or without a closing device.

They are used in sanitary discharge pipelines which have a ship side exit, and prevent sea water entering the system during heavy sea.

Features, Benefits & Approvals

- Face to face to DIN HNA Sr 6
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Optional open/shut indicators
- Closing device (without on request)

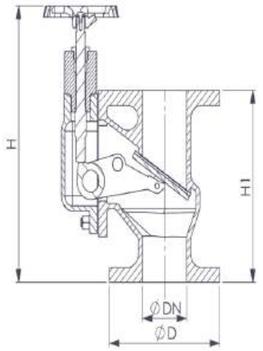
Pressure & Temperature

Pressure rating:
PN4

Temperature range:
10°C to 60°C

DN	50 x 80	65 x 100	80 x 125	100 x 150	125 x 175	150 x 200	200 x 250	250 x 300	300 x 400
d2	70	85	100	130	158	190	240	300	400
D	165	185	200	220	250	285	340	395	445
D1	200	220	250	285	315	340	395	445	565
L	180	200	215	250	290	330	425	630	650
H	90	100	108	130	152	176	180	300	300
H1	245	255	275	285	350	365	360	500	500
Weight Kg	12	14	20	25	36	43	72	110	150

MATERIALS	
Body/Bonnet	Ductile Iron (GGG40)
Disc	Bronze (LG2) or Stainless Steel
Stem	Bronze (LG2) or Stainless Steel
Flap	NBR Faced



UNI350005

Bronze
Straight (Vertical)
Storm Valve
c/w Closing Device
DIN 87101 Form B
Flanged PN16

Storm valves also known as scupper valves, are basically swing check valves which can be supplied with or without a closing device.

They are used in sanitary discharge pipelines which have a ship side exit, and prevent sea water entering the system during heavy sea.

Features, Benefits & Approvals

- DIN 87101 Form B
- Face to face to EN558 Series 48 (DIN 2501)
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Optional open/shut indicators
- Closing device (without on request)

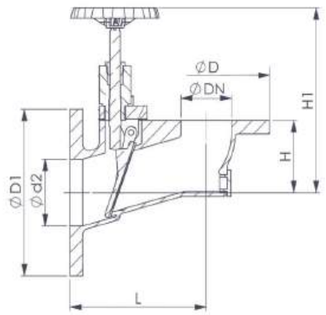
Pressure & Temperature

Pressure rating:
PN1

Temperature range:
10°C to 120°C

DN	50	65	80	100	125	150
H1	200	240	260	300	350	400
H (open)	356	396	450	490	572	622
D	165	185	200	220	250	285
Weight Kg	15	20	25	35	52	69

MATERIALS	
Body/Bonnet	Bronze (LG2)
Disc	Bronze (LG2)
Fixing Device	Bronze (LG2)
Flap	NBR Faced
Stem	Brass (CZ121)



UNI350006

Bronze
Angled
Storm Valve
c/w Closing Device
DIN HNA Sr 6 Form B
Flanged PN16

Storm valves also known as scupper valves, are basically swing check valves which can be supplied with or without a closing device.

They are used in sanitary discharge pipelines which have a ship side exit, and prevent sea water entering the system during heavy sea.

Features, Benefits & Approvals

- Face to face to DIN HNA
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Optional open/shut indicators
- Closing device (without on request)

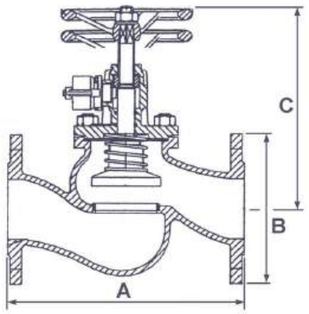
Pressure & Temperature

Pressure rating:
PN1

Temperature range:
10°C to 125°C

DN	50 x 80	65 x 100	80 x 125	100 x 150	125 x 175	150 x 200	200 x 250
d2	80	100	125	150	175	200	250
D	165	185	200	220	250	285	340
D1	200	220	250	285	315	340	395
L	180	200	215	250	290	330	425
H	85	95	115	137	140	140	180
H1 (open)	275	305	335	357	382	410	460
Weight Kg	20	28	31	45	70	83	116

MATERIALS	
Body/Bonnet	Bronze (LG2)
Disc	Bronze (LG2)
Fixing Device	Bronze (LG2)
Flap	NBR Faced
Stem	Brass (CZ121)



UNI360001

Ductile Iron
Marine
Straight Pattern
Quick Closing
Globe Valve

Flanged PN16/10

Other flange drillings on request

In the event of emergency or dangerous situations, quick closing valves quickly shut off of pipe line systems carrying combustible liquids. They operate by means of remote control from outside the danger area. Under normal circumstances they are in an open position.

They are designed to ensure a safe and simple operation. The short height also allows them to be used in narrow spaces. These valves are installed so that the medium flows directly over the disc.

Features, Benefits & Approvals

- ABS, GL, LR, BV and DNV type approval
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Length to DIN 3202 F1 (EN 558 Series 1)
- Lever release cylinder
- Various actuation options

Pressure & Temperature

Pressure range:

DN15 150: 16 Bar
DN200: 10 Bar

Temperature range:

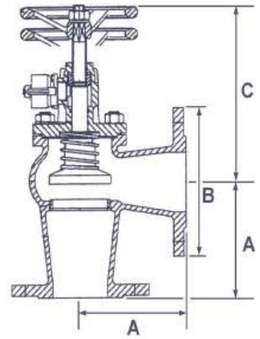
Up to 140°C

DN	15	20	25	32	40	50	65	80	100	125	150	200
A	130	150	160	180	200	230	290	310	350	400	480	600
B	95	105	115	140	150	165	185	200	220	250	285	340
C	150	155	155	155	185	190	220	235	270	300	355	400
Weight Kg	3.5	4	5	6	8.6	11.5	16.6	20	34	46	70	120

MATERIALS	
Body	Ductile Iron (GGG40)
Bonnet	Ductile Iron (GGG40)
Disc, Seat Ring & Stem	Stainless Steel
Release Cylinder	Stainless Steel
O Ring	FKM

RELEASE CYLINDER REMOTE CONTROL OPTIONS	
Hydraulic Remote Control	Via hand pump unit. Up to six quick closing valves can be connected to one hand pump unit.
Pneumatic Remote Control	From a control board, which mainly consists of release valves and a compressed air bottle. Control pressure required to activate is 5 8 Bar.
Manual Remote Control	Controlled via wire.

OPTIONS				
Limit Switches	Bellows Sealed	Fire safe	Auto Thermo Release	Position Indicator



UNI360002

Ductile Iron
Marine
Angled Pattern
Quick Closing
Globe Valve

Flanged PN16/10

Other flange drillings on request

In the event of emergency or dangerous situations, quick closing valves quickly shut off of pipe line systems carrying combustible liquids. They operate by means of remote control from outside the danger area. Under normal circumstances they are in an open position.

They are designed to ensure a safe and simple operation. The short height also allows them to be used in narrow spaces. These valves are installed so that the medium flows directly over the disc.

Features, Benefits & Approvals

- ABS, GL, LR, BV and DNV type approval
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Length to DIN 3202 F32 (EN 558 Series 8)
- Lever release cylinder
- Various actuation options

Pressure & Temperature

Pressure range:

DN15 150: 16 Bar
DN200: 10 Bar

Temperature range:

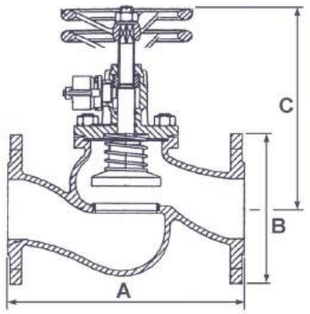
Up to 140°C

DN	15	20	25	32	40	50	65	80	100	125	150	200
A	90	95	100	105	115	125	145	155	175	200	225	275
B	95	105	115	140	150	165	185	200	220	250	285	340
C	150	155	155	155	185	190	220	235	270	300	355	400
Weight Kg	3.5	4.0	5.0	6.0	8.6	11.5	16.6	20.0	34.0	46.0	70.0	120.0

MATERIALS	
Body	Ductile Iron (GGG40)
Bonnet	Ductile Iron (GGG40)
Disc, Seat Ring & Stem	Stainless Steel
Release Cylinder	Stainless Steel
O Ring	FKM

RELEASE CYLINDER REMOTE CONTROL OPTIONS	
Hydraulic Remote Control	Via hand pump unit. Up to six quick closing valves can be connected to one hand pump unit.
Pneumatic Remote Control	From a control board, which mainly consists of release valves and a compressed air bottle. Control pressure required to activate is 5 8 Bar.
Manual Remote Control	Controlled via wire.

OPTIONS				
Limit Switches	Bellows Sealed	Fire safe	Auto Thermo Release	Position Indicator



UNI360003

Bronze
Marine
Straight Pattern
Quick Closing
Globe Valve

Flanged PN16/10

Other flange drillings on request

In the event of emergency or dangerous situations, quick closing valves quickly shut off of pipe line systems carrying combustible liquids. They operate by means of remote control from outside the danger area. Under normal circumstances they are in an open position.

They are designed to ensure a safe and simple operation. The short height also allows them to be used in narrow spaces. These valves are installed so that the medium flows directly over the disc.

Features, Benefits & Approvals

- ABS, GL, LR, and BV type approval
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Length to DIN 3202 F1 (EN 558 Series 1)
- Lever release cylinder
- Various actuation options

Pressure & Temperature

Pressure range:
16 Bar

Temperature range:
Up to 140°C

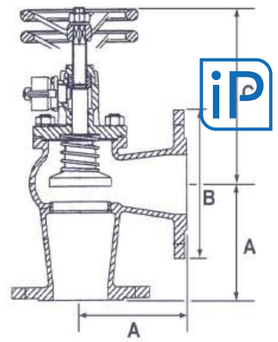
DN	15	20	25	32	40	50	65	80	100
A	130	150	160	180	200	230	290	310	350
B	95	105	115	140	150	165	185	200	220
C	150	155	155	155	185	190	220	235	270
Weight Kg	3.9	4.6	5.4	7.1	9.6	12.5	17.6	21.4	35.7

MATERIALS	
Body	Bronze (LG2)
Bonnet	Bronze (LG2)
Disc, Seat Ring & Stem	Stainless Steel
Release Cylinder	Stainless Steel
O Ring	FKM

RELEASE CYLINDER REMOTE CONTROL OPTIONS

Hydraulic Remote Control	Via hand pump unit. Up to six quick closing valves can be connected to one hand pump unit.
Pneumatic Remote Control	From a control board, which mainly consists of release valves and a compressed air bottle. Control pressure required to activate is 5 8 Bar.
Manual Remote Control	Controlled via wire.

OPTIONS				
Limit Switches	Bellows Sealed	Fire safe	Auto Thermo Release	Position Indicator



UNI360004

Bronze
Marine
Angled Pattern
Quick Closing
Globe Valve

Flanged PN16/10

Other flange drillings on request

In the event of emergency or dangerous situations, quick closing valves quickly shut off of pipe line systems carrying combustible liquids. They operate by means of remote control from outside the danger area. Under normal circumstances they are in an open position.

They are designed to ensure a safe and simple operation. The short height also allows them to be used in narrow spaces. These valves are installed so that the medium flows directly over the disc.

Features, Benefits & Approvals

- ABS, GL, LR, and BV type approval
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- Length to DIN 3202 F32 (EN 558 Series 8)
- Lever release cylinder
- Various actuation options

Pressure & Temperature

Pressure range:
16 Bar

Temperature range:
Up to 140°C

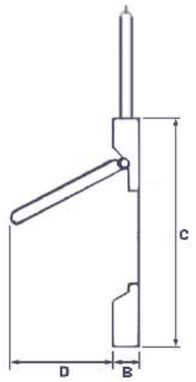
DN	15	20	25	32	40	50	65	80	100
A	90	95	100	105	115	125	145	155	175
B	95	105	115	140	150	165	185	200	220
C	150	155	155	155	185	190	220	235	270
Weight Kg	3.5	4.0	5.0	6.0	8.6	11.5	16.6	20.0	34.0

MATERIALS	
Body	Bronze (LG2)
Bonnet	Bronze (LG2)
Disc, Seat Ring & Stem	Stainless Steel
Release Cylinder	Stainless Steel
O Ring	FKM

RELEASE CYLINDER REMOTE CONTROL OPTIONS

Hydraulic Remote Control	Via hand pump unit. Up to six quick closing valves can be connected to one hand pump unit.
Pneumatic Remote Control	From a control board, which mainly consists of release valves and a compressed air bottle. Control pressure required to activate is 5 8 Bar.
Manual Remote Control	Controlled via wire.

OPTIONS				
Limit Switches	Bellows Sealed	Fire safe	Auto Thermo Release	Position Indicator



UNI080009

Stainless Steel
EPDM Seals
Swing Type
Check (Non Return) Valve

Multi Flange Wafer Type

DN40 80 PN10/16/25/40, ANSI 300
DN100 150 PN10/16
DN200 400 PN16

An economic stainless steel swing type check valve suitable for water applications.

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

This valve requires a low minimum pressure to open.

Approvals, Features & Benefits

- EPDM seals suitable for water
- Lightweight construction
- Wafer type
- Multi flange

Pressure & Temperature

Pressure range:

DN40 80 : PN25 Rated
DN100 400 : PN16 Rated

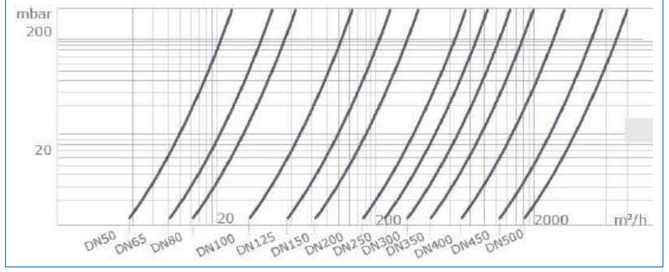
Temperature Range:

0°C to 130°C

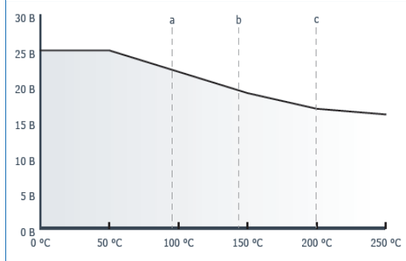
DN	40	50	65	80	100	125	150	200	250	300	350	400
B	14	14	14	14	18	18	20	22	26	32	38	44
C	95	109	128	145	164	195	221	275	330	380		
D	30	35	48	60	78	98	117	160	200	235		
Weight Kg	0.7	0.9	1.2	1.5	2.5	3.2	5.3	9.7	16.2	28.0	32.0	48.0

MATERIALS	
Body	Stainless Steel (AISI 316)
Disc	Stainless Steel (AISI 316)
Screw	Stainless Steel (AISI 316)
Seat & Seals	EPDM

HEADLOSS (H_20 at 20°C Horizontal Flow)



PRESSURE / TEMPERATURE CHART



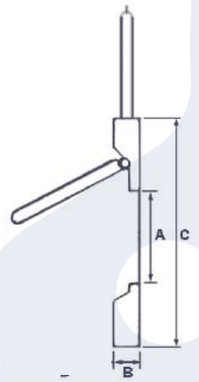
a NBR Seat & Seals Tmax = 95°C
b EPDM Seat & Seals Tmax = 130°C
c PTFE Seat & Seals Tmax = 200°C

Formula for calculation of equivalent flow rate to H_2O

For different liquid, gas or steam head losses are determined by equivalent water flow rate, as follows:

Qe equivalent water flow (m³/h or l/s)
Q fluid flow (m³/h or l/s)
d fluid specific gravity (Kg/m³)

$$Qe = Q\sqrt{\frac{d}{1000}}$$



UNI080016

Aluminium Bronze
NBR Seals
Swing Type
Check (Non Return) Valve
Length A

Multi Flange Wafer Type

PN10/16

A marine quality aluminium bronze flap type check (non return) valve used to prevent backflow in water and seawater systems and can be used in other applications providing the valve materials are compatible with the media.

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

Approvals, Features & Benefits

- Marine quality construction
- NBR seals (other materials available)
- Suitable for upward & horizontal flow
- Space saving
- Low head losses

Pressure & Temperature

Pressure range:

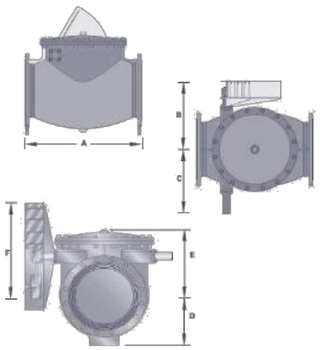
DN32 150 : PN16 Rated
DN200 500 : PN10 Rated

Temperature Range:

0°C to 100°C

DN	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500
A	19	22	32	40	58	70	92	115	158	200	227	270	311	361	405
B	14	14	14	14	14	18	18	20	22	26	32	38	44	50	56
C	84	94	109	129	144	164	194	220	275	330	380	440	493	543	598
Weight Kg	0.8	0.9	1.0	1.2	1.5	2.5	3.3	4.7	7.8	13	19	34	46	63	88

MATERIALS	
Body	Aluminium Bronze
Disc	Aluminium Bronze
Cover	Stainless Steel (AISI 316)
O rings	NBR
Screw	Stainless Steel (AISI 316)
Eyebolt	Stainless Steel (AISI 316)



UNI080038

Series 2200

Ductile Iron (Epoxy Coated) Body
EPDM Seals
Swing Type
Check (Non Return) Valve
c/w Outside Lever & Weight

Flanged
PN16

The JV080037 is a metal seated swing check (non return) valve with EPDM seals used to prevent reverse flow. In this case an outside lever and weight is fitted to the standard valve to aid closure when gravity is insufficient to close the valve fast enough.

This valve has WRAS approved non metallic components making it particularly suitable for potable water, wastewater and sewage applications.

Approvals, Features & Benefits

- WRAS listed materials
- BSEN1074 Pt 3, BSEN12334, BS5153
- Face to face to EN558 1, 1986 Table 3
- Suitable for both horizontal & vertical installation
- Corrosion resistant construction
- Robust low maintenance design
- Drilling bosses & ½" BSP air release as standard

Pressure & Temperature

Pressure range:
16 bar

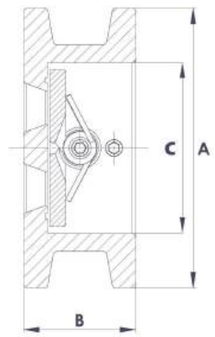
Temperature range*:
10°C to 70°C

*Insulate at 0°C and below

DN	350	400	450	500	600	700	800	900	1000	1200
A	788	915	965	1067	1219	1420	1560	1730	1880	2185
B	490	550	590	635	705	835	950	1035	1200	1450
C	460	515	555	590	645	765	870	950	1100	1330
D	300	350	370	390	460	530	600	690	800	900
E	410	470	510	560	690	720	830	940	1090	1230
F	600	670	740	810	960	1140	1285	1450	1650	1840
Flange PCD	470	525	585	650	770	840	950	1050	1170	1390
Flange Bolts	16 x M24	16 x M27	20 x M27	20 x M30	20 x M33	24 x M33	24 x M36	28 x M36	28 x M39	32 x M45
Weight Kg	350	495	650	790	1285	1750	2640	3750	5830	9400

MATERIALS	
Body, Disc, Cover & Hanger	Ductile Iron (EN1563 Gr 500/7)
Seat, Bearings & Air Release Plug	Bronze (EN1982 CC491K)
Shafts	Stainless Steel (EN10088 1.4021)
Fasteners	Stainless Steel (EN10088 1.4301)
Seals	EPDM (WRAS listed)
Coating	Fusion Body Epoxy (> 300µ WRAS listed)

OPTIONS	
Without Outside Lever & Weight	Outside Lever & Weight Mounted On Opposite Side
Flow Sensing Switch	By pass Assembly c/w Isolation Valve
Alternative Flange Drillings (BS10 & ANSI)	25 Bar Version



UNI081002

Series 5106W & 5306W

Cast Iron (Epoxy Coated) Body
EPDM Seat
Dual Plate
Spring Loaded
Check (Non Return) Valve
Length B

Multi Flange Wafer Type

PN10/16

A WRAS approved epoxy coated cast iron, spring loaded dual plate check valve with stainless steel flaps and EPDM seats suitable for water applications.

Features, Benefits & Approvals

- WRAS approved
- Compact & lightweight
- Spring loaded plates
- Suitable for potable water applications

Pressure & Temperature

Maximum pressure:
PN16 rated

Temperature range:
10°C to 120°C

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	106	126	141	161	191	217	272	327	382	442	494	554	616	733
B	54	54	57	64	70	76	95	108	143	184	191	203	213	222
C	66	78	90	115	141	170	210	273	324	356	406	457	508	600
Weight Kg	1.8	2.4	3.2	4.8	7.3	10	14.2	23.6	37.5	62	74	100	155	215

MATERIALS	
Body	Cast Iron (Epoxy Coated)
Flaps	Stainless Steel (304)
Seat	EPDM
Hinge & Stop Pin	Stainless Steel (420)
Spring	Stainless Steel (304)