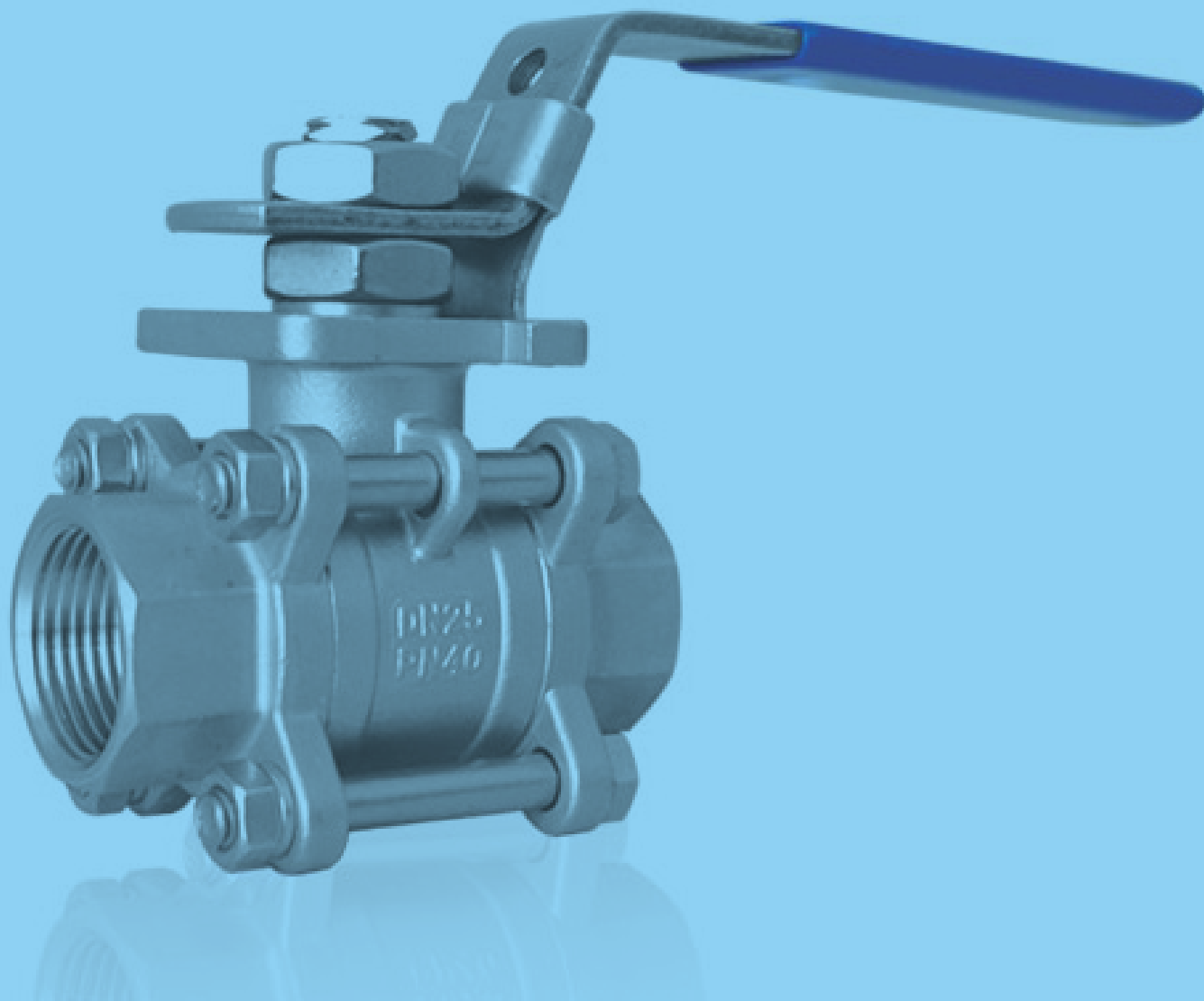
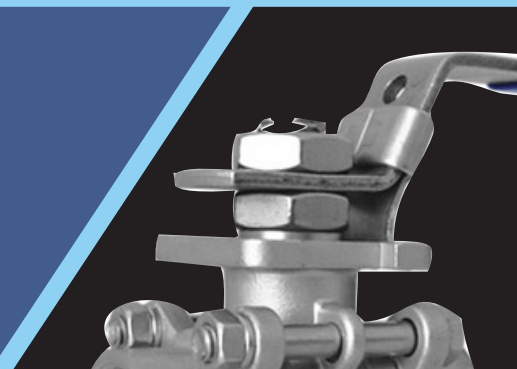




INDUSTRIAL VALVES



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BRASS BALL VALVES

1. BRASS BALL VALVE 2 PIECES PN40/PN32/PN25 4MS ACS

**Applications:**

- For all compatible fluids (fuel, gasoline, glycol water), compressed air (6 Bars).

Nominal pressure:

- PN40 1/4...3/4
- PN32 1"
- PN25 1.1/4..2"

Temperature Range:

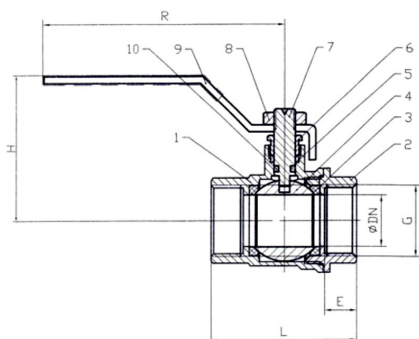
- -10...110°C

Construction:

- Body material: CW617N Brass hot forged nickel (except threading)
- End Cover: CW617N Brass hot forged nickel (except threading)
- Ball: CW614N Brass hot forged chromed
- Ball Seat: PTFE
- Body Seat: PTFE
- Blow-out proof stem

Standardisation:

- Directive 2014/68/EU (PED): Products excluded (article 1, §3.2).
- EN ISO 9001-2000 certification
- ACS N° 24 ACC LY 036
- BSP Parallel ISO 228/1



Item	Part	Material
1	Body	CW617N Brass hot forged nickel (except threading)
2	End cap	CW617N Brass hot forged nickel (except threading)
3	Ball Seat	PTFE
4	Ball	CW614N Brass hot forged chromed
5	Packing Nut	Brass
6	Packing	PTFE
7	Stem	Brass
8	Nut	Steel
9	Handle	Flat: Chromed steel with red plastic sleeve Butterfly Red powder-coated aluminium
10	O-ring	NBR

SIZE	PN	Female-Female Flat	Female-Female Butterfly	Female-Male Flat	Female-Male Butterfly	Male-Male Flat	Male-Male Butterfly
1/4	40	735774	853527	829162	853533	853521	853539
3/8	40	735775	853528	829163	853534	853522	853540
1/2	40	735776	853529	829164	853535	853523	853541
3/4	40	735777	853530	829165	853536	853524	853542
1	32	735778	853531	829166	853537	853525	853543
1.1/4	25	867807					
1.1/2	25	867808					
2	25	867809					

BRASS BALL VALVE 2 PIECES PN40/PN32/PN25 4MS ACS FEMALE-FEMALE BSP TREADED**Female-Female Flat Handle**

735774

735775

735776

735777

735778

867807

867808

867809

Female-Female Butterfly Handle

853527

853528

853529

853530

853531

PN (bar)

40

40

40

40

32

25

25

25

DN

8

10

15

20

25

32

40

50

Ø D

1/4

3/8

1/2

3/4

1

1.1/4

1.1/2

2

A (mm)

9.5

11

14

19

23

29

37

45

B (mm)

41

42

47

54

63

75

86

100

L1 (mm)

80

80

92

92

108

124

124

152

H (mm)

37

39

47

52

58

72

76

90

L2 (mm)

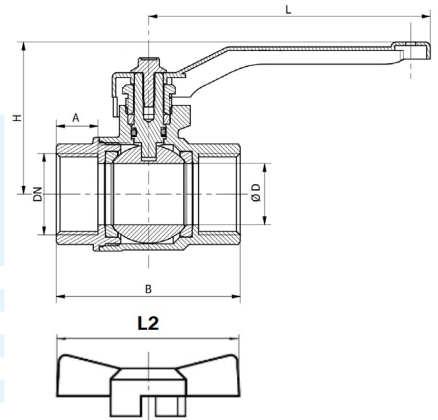
50

50

50

50

64.5

**BRASS BALL VALVE 2 PIECES PN40/PN32 4MS ACS FEMALE-MALE BSP TREADED****Female-Male Flat Handle**

829162

829163

829164

829165

829166

Female-Male Butterfly Handle

853533

853534

853535

853536

853537

PN (bar)

40

40

40

40

32

DN

8

10

15

20

25

Ø d (mm)

9

11

14

19

23

A (mm)

9.5

10

11.5

12

13.5

A2 (mm)

9.5

10

11.5

12

13.5

B (mm)

42

43

48

56

65

L1 (mm)

80

80

92

92

108

H (mm)

37

39

47

52

58

L2 (mm)

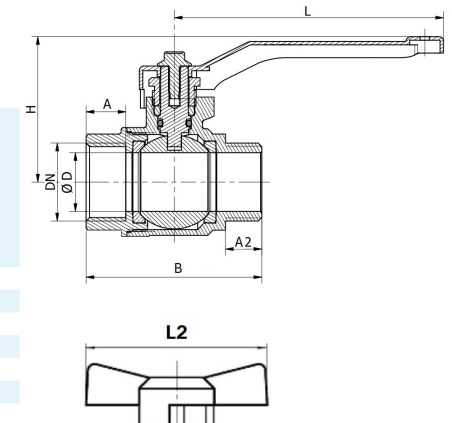
50

50

50

50

64.5

**BRASS BALL VALVE 2 PIECES PN40/PN32 4MS ACS MALE-MALE BSP TREADED****Male-Male Flat Handle**

853521

853522

853523

853524

853525

Male-Male Butterfly Handle

853539

853540

853541

853542

853543

PN (bar)

40

40

40

40

32

DN

8

10

15

20

25

Ø d (mm)

9

11

14

19

23

A (mm)

9.5

10

11.5

12

13.5

B (mm)

46

49

56

64

72

L1 (mm)

80

80

92

92

108

H (mm)

37

39

47

52

58

L2 (mm)

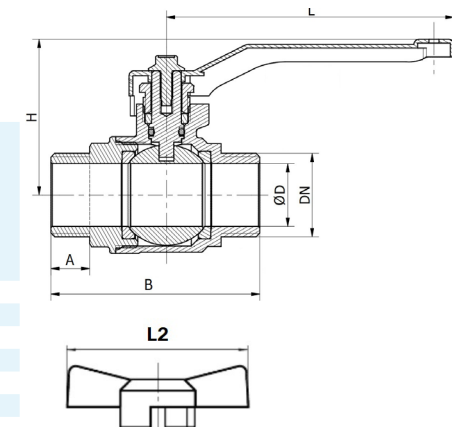
50

50

50

50

64.5



2. BRASS BALL VALVE 2 PIECES PN50/PN40/PN30 4MS ACS



Applications:

- For all compatible fluids (fuel, gasoline, glycol water), compressed air (6 Bars).

Nominal pressure:

- PN50 1/4...1/2
- PN40 3/4...1"1/4
- PN30 1.1/4..2"

Temperature Range:

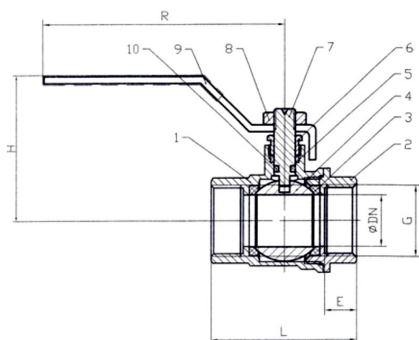
- -10...110°C

Construction :

- Body material: CW617N Brass hot forged nickel (except threading)
- End Cover: CW617N Brass hot forged nickel (except threading)
- Ball: CW614N Brass hot forged chromed
- Ball Seat: PTFE
- Body Seat: PTFE
- Blow-out proof stem

Standardisation:

- Directive 2014/68/EU (PED): Products excluded (article 1, §3.2).
- EN ISO 9001-2000 certification
- ACS N° 24 ACC LY 036
- BSP Parallel ISO 228/1



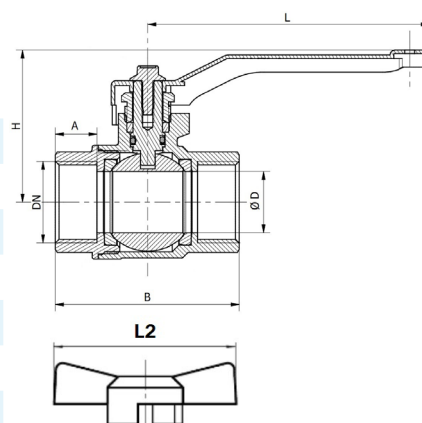
Item	Part	Material
1	Body	CW617N Brass hot forged nickel (except threading)
2	End cap	CW617N Brass hot forged nickel (except threading)
3	Ball Seat	PTFE
4	Ball	CW614N Brass hot forged chromed
5	Packing Nut	Brass
6	Packing	PTFE
7	Stem	Brass
8	Nut	Stainless Steel
9	Handle	Chromed steel with red plastic sleeve
10	O-ring	NBR

BRASS BALL VALVE 2 PIECES PN50/PN40/PN30 4MS ACS BSP TREADED

Female-Female Flat Handle



	867815	867816	867817	867818	867819	867820	867821	867822
PN (bar)	50	50	50	40	40	40	30	30
DN	8	10	15	20	25	32	40	50
Ø D (mm)	10	10	15	19	23	32	40	49
A (mm)	11.5	14	20	20	25	25	25	25
B (mm)	46	51	65.4	71.3	87.1	98	107	116.5
L (mm)	88	88	88	95	116	116	141	141
H (mm)	48	48	53	56.5	64.5	76.3	86.8	90.2



3. BRASS BALL VALVE 2 PIECES - VENTED - 4MS ACS


Applications:

- For all compatible fluids (fuel, gasoline, glycol water), compressed air (6 Bars).

Nominal pressure:

- PN16 1/4...1"

Temperature Range:

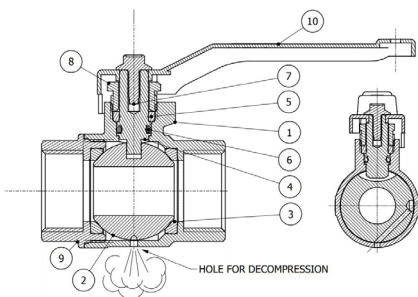
- -10...100°C

Construction :

- Body material: CW617N Brass hot forged nickel
- End Cover: CW617N Brass hot forged nickel
- Ball: CW614N Brass hot forged chromed
- Ball Seat: PTFE
- Body Seat: PTFE
- Blow-out proof stem

Standardisation:

- Directive 2014/68/EU (PED): Products excluded (article 1, §3.2).
- EN ISO 9001-2000 certification
- ACS N° 21 ACC LY 270
- BSP Parallel ISO 228/1



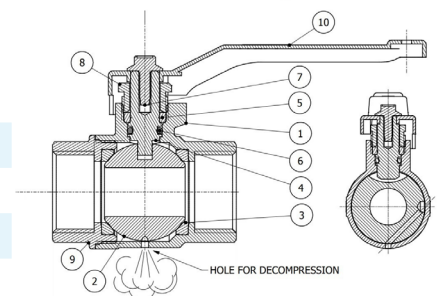
Item	Part	Material
1	Body	EN12420-CW617N Brass - nickeled
2	Ball	EN12165- CW617N Brass - chromium plated
3	Ball Seat	P.T.F.E. HOSTAFLON
4	Pushrod	EN12164-CW614N
5	Gasket	P.T.F.E.
6	O-Ring	FPM
7	Screw	UNI 7356-CB4FF-DACROMET
8	Nut	EN12164-CW614N
9	Sleeve	EN12165-CW617N-nickeled
10	Lever	EN1011-DD13-red painted

BRASS BALL VALVE 2 PIECES VENTED 4MS ACS FEMALE FEMALE BSP TREADED

Female-Female
Flat Handle



	880663	880664	880665	880666	880667
PN (bar)	16	16	16	16	16
DN	8	10	15	20	25
Ø D (mm)	8	8	10	15	20
I (mm)	11.5	11.5	14	16	17
L (mm)	45.5	45.5	55.5	66	75
M (mm)	92	92	92	92	115
H (mm)	50	50	53	56	62



4. MINI BRASS BALL VALVE

**Applications:**

- For all compatible fluids (fuel, gasoline, glycol water), compressed air (6 Bars).

Nominal pressure:

- PN 10 1/4...1/2

Temperature Range:

- -10...80°C

Construction :

- Body material: Brass CW617N-UNI-EN 12165
- Ball: Brass CW 617N UNI-EN 12165 chromed
- Stem Brass CW614N-UNI-EN 12164
- Ball Seat: PTFE
- Stem Packing: NNR Oring
- Level: Aluminium with black plastic coating finishing

Standardisation:

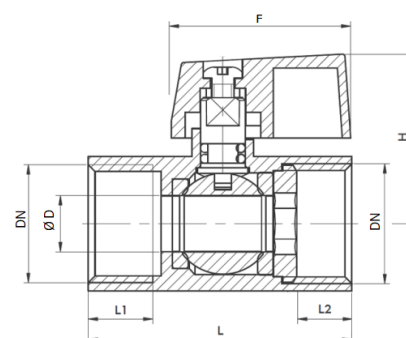
- Directive 2014/68/EU (PED): Products excluded (article 1, §3.2).
- EN ISO 9001-2000 certification
- BSP Parallel ISO 228/1

MINI BRASS BALL VALVE FEMALE FEMALE BSP TREADED

Female-Female



	735780	735781	735782
PN (bar)	16	16	16
DN	8	10	15
Ø D (mm)	7.5	7.5	7.5
F (mm)	34	34	34
H (mm)	28	28	31
L (mm)	41	41	45
L1 (mm)	10	10	10
L2 (mm)	10	10	10

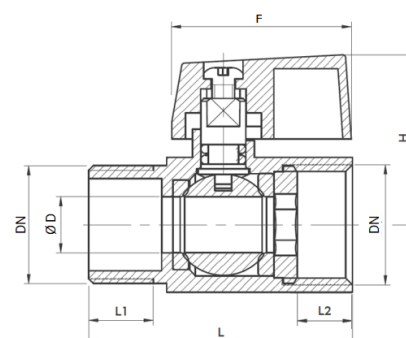


MINI BRASS BALL VALVE FEMALE MALE BSP TREADED

Female-Male



	867811	867812	867813
PN (bar)	16	16	16
DN	8	10	15
Ø D (mm)	7.5	7.5	7.5
F (mm)	34	34	34
H (mm)	28	28	31
L (mm)	41	41	45
L1 (mm)	10	10	10
L2 (mm)	8	10	10



STAINLESS STEEL BALL VALVE 3 PIECES

5. STAINLESS STEEL BALL VALVE 3 PIECES PN63/PN40 - FULL BORE BW, SW, BSP WITH MOUNTING PAD ISO 5211



Applications:

- Chemical and pharmaceutical industries, industries petrochemicals, hydraulic installations, compressed air.

Nominal pressure:

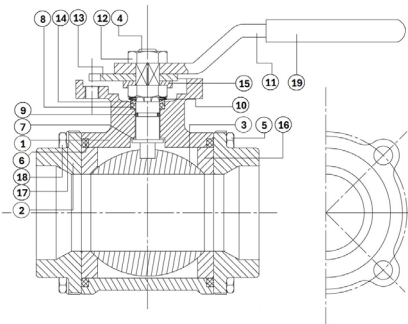
- PN63 DN15...50 (1/4...2)
- PN40 DN65-100 (2.1/2...4)

Construction :

- Body material: Stainless Steel SS316 1.4408 (CF8M)
- End Cover:
 - BW/SW: Stainless SS316L Steel 1.4404 (CF3M)
 - Threaded: Stainless Steel SS316 1.4408 (CF8M)
- Ball: Stainless Steel SS316 1.4408 (CF8M)
- Ball Seat: RTFE (PTFE + 15% Glass Fiber)
- Body Seat: PTFE
- Blow-out proof stem
- Live-loading design
- Anti-static device
- Locking device
- ISO 5211 Direct mounting pad

Standardisation:

- Directive 2014/68/EU (PED): No. 0343 - Annex III - Module H.
- Construction according to EN 12516 standard.
- Sealing tests according to standard EN 12266-1, rate A.
- BSP Parallel ISO 228/1
- Certificate 3.1 (on demand, fees applied)

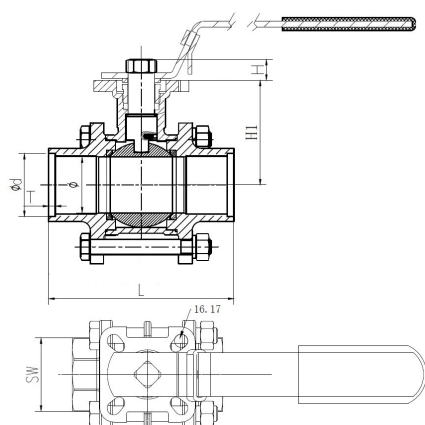


Item	Part	Material
1	Body	Stainless Steel SS316 1.4408 (CF8M)
2	Cover	BW/SW: Stainless Steel SS316L 1.4404 (CF3M) Threaded: Stainless Steel SS316 1.4408 (CF8M)
3	Ball	ASTM A276-316
4	Stem	ASTM A276-316
5	Ball Seat	RTFE (PTFE + 15% GLASS FIBER)
6	Gasket	PTFE
7	Thrust Washer	PTFE
8	Packing	PTFE
9	O-Ring	Viton
10	Belleville Washer	50CrV4
11	Handle	ASTM A167-304
12	Stem Nut	AISI 304
13	Stopper (Lock Pad)	AISI 304
14	Gland Ring	AISI 304
15	Lock Device	AISI 304
16	Bolt	AISI 304
17	Nut	AISI 304
18	Spring Washer	AISI 304
19	Handle Sleeve	PVC Blue

PRESSURE RANGE

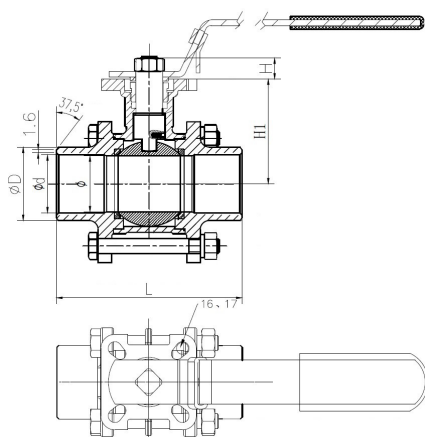
DN	15	20	25	32	38	50	65	80	100
	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
PN	63	63	63	63	63	63	40	40	40

STAINLESS STEEL BALL VALVE 3 PIECES WITH MOUNTING PAD ISO 5211 PN63/PN40 – SOCKET WELD



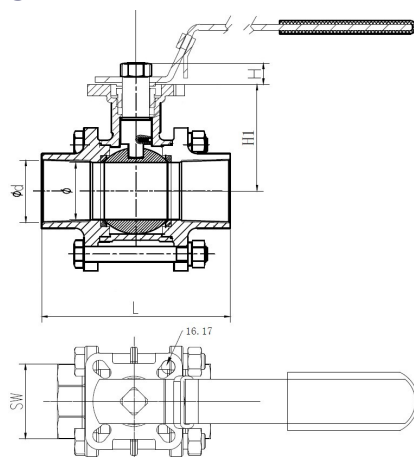
Code	896005	896006	896007	896008	896009	896010	896011	896012	896013
DN	15	20	25	32	38	50	65	80	100
	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
L	61	69	79	96	102	124	158	179	210
A	142	142	162	162	188	188	235	235	328
H1	42	48	55	60	75	85	105	114	128
ø	15	20	25	32	38	50	65	76	100
T	9.4	11	12.7	12.7	14.2	14.2	14.2	14.2	17.5
ø d	21.5	27.4	34.1	42.9	49	61.5	77	90	115.5
SW	24.5	30.5	38.5	47	53.5	66	83	96.5	122.5
ISO	F03/F04	F03/F04	F04/F05	F04/F05	F05/F07	F05/F07	F07/F10	F07/F10	F07/F10

STAINLESS STEEL BALL VALVE 3 PIECES WITH MOUNTING PAD ISO 5211 PN63/PN40 – BUTT WELD



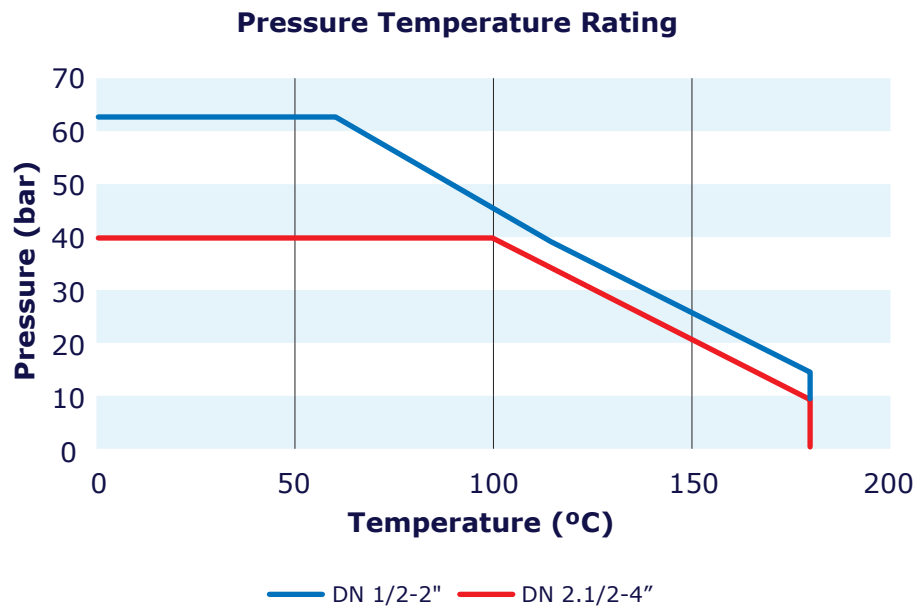
Code	896015	896016	896017	896018	896019	896020	896021	896022	896023
DN	15	20	25	32	38	50	65	80	100
	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
L	61	69	79	96	102	124	158	179	240
A	142	142	162	162	188	188	235	235	328
H1	42	48	55	60	75	85	105	114	128
H	9	9	11	11	15	15	18.5	18.5	18.5
ø	15	20	25	32	38	50	65	76	100
ø D	21.5	27	33.5	42.5	48.5	61	76.3	90	115
ø d	15	20	26	35	40	52	65	78	102
ISO	F03/F04	F03/F04	F04/F05	F04/F05	F05/F07	F05/F07	F07/F10	F07/F10	F07/F10

STAINLESS STEEL BALL VALVE 3 PIECES WITH MOUNTING PAD ISO 5211 PN63/PN40 – BSP THREADED



Code	895995	895996	895997	895998	895999	896000	896001	896002	896003
DN	15	20	25	32	38	50	65	80	100
	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
L	61	69	79	96	102	24	158	179	210
A	142	142	162	162	188	188	235	235	328
H1	42	48	55	60	75	85	105	114	128
H	9	9	11	11	15	15	18.5	18.5	18.5
ø	15	20	25	32	38	50	65	76	100
ø d	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
SW	24.5	30.5	38.5	47	53.5	66	83	96.5	122.5
ISO	F03/F04	F03/F04	F04/F05	F04/F05	F05/F07	F05/F07	F07/F10	F07/F10	F07/F10

PRESSURE / TEMPERATURE CURVE – EXCLUDING STEAM



6. STAINLESS STEEL BALL VALVE 2 PIECES LOCKABLE PN63/PN40



Applications:

- Chemical and pharmaceutical industries, industries petrochemicals, hydraulic installations, compressed air.

Nominal pressure:

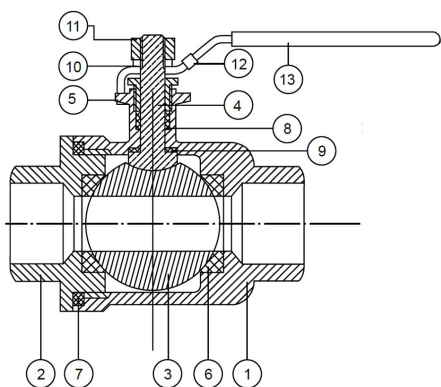
- PN63 1/4...2",
- PN40 2'...4'.

Construction :

- Body material: Stainless Steel SS316 1.4408 (CF8M)
- End Cover: Stainless Steel SS316 1.4408 (CF8M)
- Ball: Stainless Steel SS316 1.4408 (CF8M)
- Ball Seat: RTFE (PTFE + 15% Glass Fiber)
- Body Seat: PTFE
- Blow-out proof stem
- Live-loading design
- Locking device

Standardisation:

- Directive 2014/68/EU (PED): No. 0343 - Annex III - Module H.
- Construction according to EN 12516 standard.
- Sealing tests according to standard EN 12266-1, rate A.
- BSP Parallel ISO 228/1

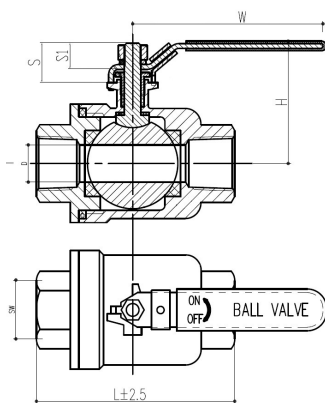


Item	Part	Material
1	Body	Stainless Steel SS316 1.4408 (CF8M)
2	Cover	Stainless Steel SS316 1.4408 (CF8M)
3	Ball	Stainless Steel SS316 1.4408 (CF8M)
4	Stem	ASTM A276-316
6	Gland Nut	AISI 304
6	Ball Seat	RTFE (PTFE + 15% GLASS FIBER)
7	Body Seal	PTFE
8	Packing	PTFE
9	Thrust washer	PTFE
10	Spring Washer	AISI 304
11	Nut	AISI 304
12	Handle	AISI 304
13	Handle Sleeve	PVC Blue

PRESSURE RANGE

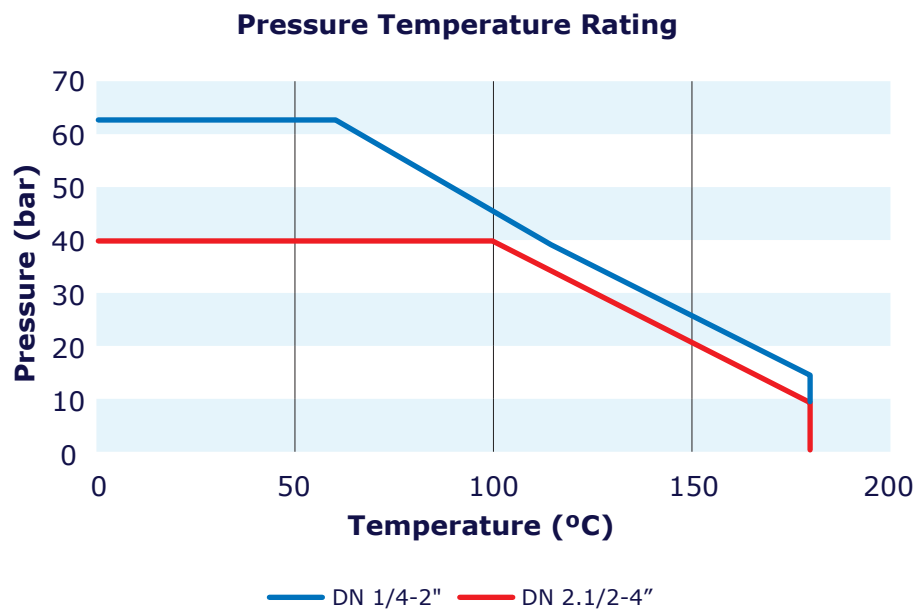
DN	8	10	15	20	25	32	38	50	65	80	100
	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
PN	63	63	63	63	63	63	63	63	40	40	40

STAINLESS STEEL BALL VALVE 2 PIECES F/F LOCKABLE PN63/PN40 FEMALE-FEMALE BSP TREADED



Code	898140	898141	898142	898143	898144	898145	898146	898147	898148	898149	898150
DN	8	10	15	20	25	32	40	50	65	80	100
	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
D	11.5	12.5	15	20	25	32	38	50	65	76	94
L	49	50	59	65	78	88	100	120.5	146.5	168	213
H	44	44	46	53	56	68	75	96	128	135	160
W	85	85	95	120	120	135	170	170	235	235	335
SW	16.5	20	25.5	38.5	38.5	48	55	67	83	96	122
S	15.3	16.0	16.5	17.5	17.5	22.3	2	25.5	28	31.4	39
S1	10.2	10.5	11.5	11.3	11.3	15.5	15	17.8	21.8	21.7	26.5

PRESSURE / TEMPERATURE CURVE - EXCLUDING STEAM



7. STAINLESS STEEL 2 PIECES VENT BALL VALVE FOR COMPRESSED AIR

**Applications:**

- Compressed air.

Nominal pressure:

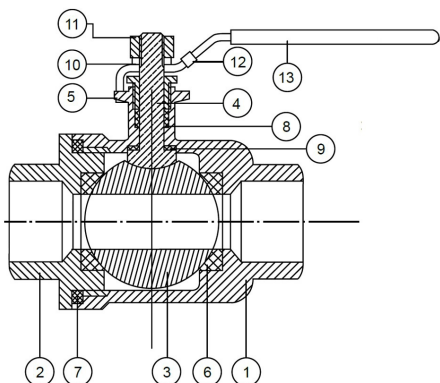
- PN6 1/4...1",

Construction :

- Body material: Stainless Steel SS316 1.4408 (CF8M)
- End Cover: Threaded Stainless Steel SS316 1.4408 (CF8M)
- Ball: Stainless Steel ASTM A276-316
- Ball Seat: RTFE (PTFE + 15% Glass Fiber)
- Body Seat: PTFE
- Blow-out proof stem
- Locking device
- Draincock hole on downstream network.

Standardisation:

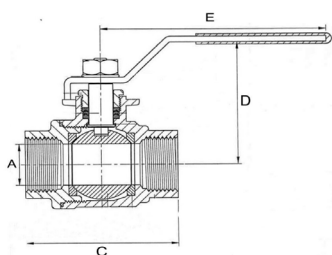
- Directive 2014/68/EU (PED): No. 0036
- Construction according to EN 12516 standard.
- Sealing tests according to standard EN 12266-1, rate A.
- BSP Parallel ISO 228/1



Item	Part	Material
1	Body	Stainless Steel SS316 1.4408 (CF8M)
2	Cover	Stainless Steel SS316 1.4408 (CF8M)
3	Ball	ASTM A276-316
4	Stem	ASTM A276-316
5	Gland Nut	AISI 304
6	Ball Seat	RTFE (PTFE + 15% GLASS FIBER)
7	Body Seal	PTFE
8	Packing	PTFE
9	Thrust washer	PTFE
10	Spring Washer	AISI 304
11	Nut	AISI 304
12	Handle	AISI 304
13	Handle Sleeve	PVC Blue

PRESSURE RANGE

DN	8	10	15	20	25
	1/4	3/8	1/2	3/4	1
PN	6	6	6	6	6

STAINLESS STEEL 2 PIECES VENT BALL VALVE FOR COMPRESSED AIR - FEMALE FEMALE BSP TREADED

Code	853545	853546	853547	853548	853549
DN	8	10	15	20	25
	1/4	3/8	1/2	3/4	1
A	11.5	12.5	15	20	30.5
C	51	51	58	65	78
D	45	45	45	55	58
E	103	103	103	125	128

