

Altech

Ball valves



Altech Ball valves include an extensive range of shut-off valves for tap water, heating, cooling, air and gas systems.

Ball valves of bronze and brass

Altech Ball valves

The strength of Altech Ball valves is in their compact design making them easy to install, manoeuvre and maintain. The sturdy construction guarantees a long service life. Ball valves allow full flow with extremely low pressure drops when in open position. One quarter turn is all that is required to open and shut the ball valve.

Installation

See separate installation instructions for Altech Ball valves at <http://www.rskdatabasen.se/> under the relevant product number.

Use

Altech Ball valves are designed to be easy to operate by handle without the need for any further assistance or intervention. The valves only work as shut-off valves and can consequently only be in open or closed position. The valves that normally remain unused in one of the two permitted positions must be opened and closed periodically. This needs to be performed at least once a month.

General remarks

The maximum operating pressure drops as the temperature rises. Maximum pressure and temperature limits have been listed in the technical specification.

Approvals

Altech Ball valves are CE-marked and type-approved by RISE. As the approval requirements differ between the different types of ball valves, the relevant approvals are specified under each ball valve.

Type approval no: SC0591-16

For use in the following applications/temperatures/pressures:

For tapping points with cold and hot tap water. The maximum permitted operating pressure is 1.0 MPa and where the instantaneous water temperature does not exceed 95 °C, or never continuously exceeds 70 °C.

Type approval no: SC0592-16

For use in the following applications/temperatures/pressures:

For heating and cooling systems where the quality of the water can be compared with water supplied by municipal facilities. The maximum permitted operating pressure is 1.0 MPa and where the instantaneous water temperature does not exceed 95 °C, or never continuously exceeds 70 °C.

Type approval no: SC0593-16

For use in the following applications/temperatures/pressures:

For cold and hot tap water. The maximum permitted operating pressure is 1.0 MPa and where the instantaneous water temperature does not exceed 95 °C or never continuously exceeds 70 °C.

Type approval no: SC0594-16

For use in the following applications/temperatures/pressures:

For cold and hot tap water. The maximum permitted operating pressure is 1.0 MPa and where the instantaneous water temperature does not exceed 95 °C or never continuously exceeds 70 °C.

Type approval no: SC0596-16

For use in the following applications/temperatures/pressures:

For heating and cooling systems where the quality of the water can be compared with water supplied by municipal facilities. The maximum permitted operating pressure is 1.0 MPa and where the instantaneous water temperature does not exceed 95 °C, or never continuously exceeds 70 °C.

Manufacturer's declaration:

This product has been produced in accordance with the type-approval with the production control decision and the documents on which the approval-decision was based.

Certifierad by RISE and
PBL approved.



Ball valves

Heating system

Cooling system

Compressed air

Ball valves AL 3600

Shut-off valves for heating, cooling and air systems

Ball valves with full throughput and internal thread.
Manufactured in chrome-plated brass with steel handle, grafoil gasket, chrome-plated brass ball and blow-out-proof spindle.

Size range: DN8 – DN80

Pressure class: PN40 up to max +95 °C

DN65 – DN80: PN25 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN 40: 0 – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 – +95 °C

Can be used for group 2, as set out in AFS 2016:1, regulations applicable to pressure equipment. RISE type approval no: SC0592-16. Ball valves within the dimension DN40 - DN80 are CE-marked to comply with PED 2014/68/EU.

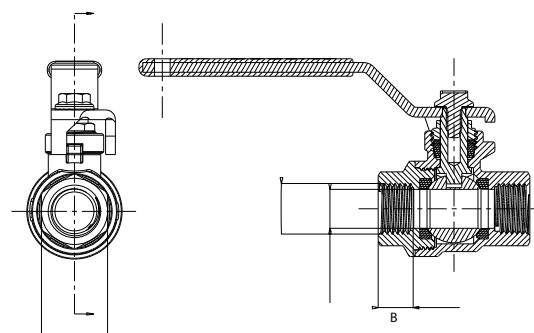
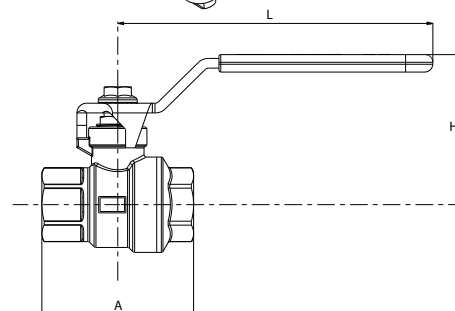
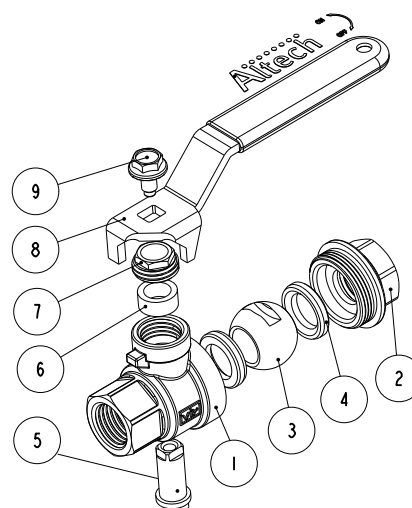


Product no.	Model
4502902	G8
450 2910	G10
4502928	G15
4502936	G20
4502944	G25
4502951	G32
4502969	G40
4502977	G50
4502985	G65
4502993	G80

No.	Designation	Material
1	Valve housing	Chrome-plated brass
2	Tapping	Chrome-plated brass
3	Ball	Chrome-plated brass
4	Seat rings	PTFE
5	Lower spindle nut	Brass
6	Gasket	Grafoil
7	Nut	Brass
8	Handle	Plastic-coated, corrosion-treated steel
9	Screw	Corrosion-treated steel

Dimensions and weight for AL 3600

Ø	A (mm)	B (mm)	H (mm)	L (mm)	Wight (g)	K _v (m³/h)
8	39	9	38,6	81	110	3,2
10	39	9	38,6	81	120	5,8
15	49	11,5	54	91,5	230	15,7
20	58	12	57,5	91,5	310	30,8
25	67	14,5	66,3	126,5	510	49,3
32	81	16	71,8	126,5	810	79,0
40	94	17	82,3	141,5	1 250	125,3
50	110	19	90	141,5	1 800	224,2
65	140,9	25	117,4	201,5	3 450	330,2
80	163,2	27	131,8	281,3	5 400	419,4



Ball valves AL 3600 LC/A

Shut-off valves for heating, cooling and air systems,
with tapping and lockable handle

Ball valves with full throughput, tapping and internal thread.
Manufactured in chrome-plated brass with steel handle, grafoil
gasket, chrome-plated brass ball and blowout-proof spindle. The
handle is lockable, with padlock, in open or closed position.

Size range: DN15 – DN25

Pressure class: PN40 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN 40: 0 – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 – +95 °C

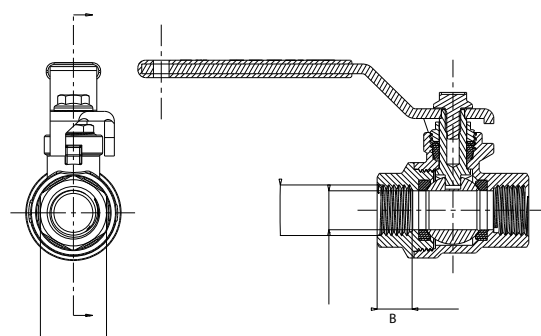
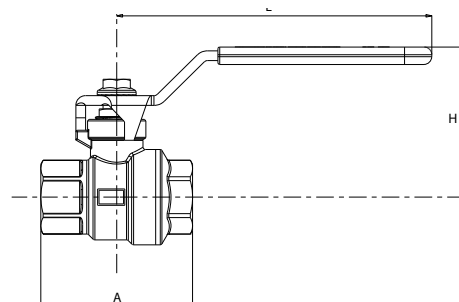
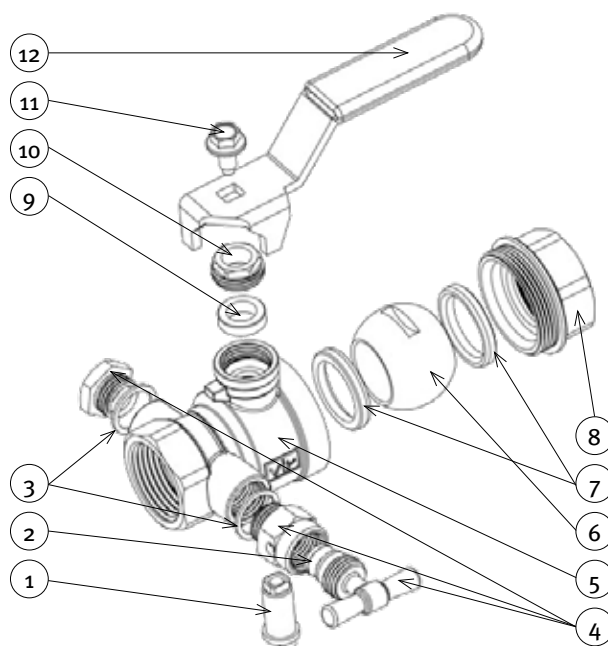
Can be used for group 2, as set out in AFS 2016:1, regulations
applicable to pressure equipment. RISE type approval no:
SC0592-16.

Product no.	Model
5493218	G15
5493219	G20
5493220	G25

No.	Designation	Material
1	Lower spindle nut	Brass
2	Gasket tapping	NBR
3	Gasket	Fibre
4	Tapping	Chrome-plated brass
5	Valve housing	Chrome-plated brass
6	Ball	Chrome-plated brass
7	Seat rings	PTFE
8	Tapping	Chrome-plated brass
9	Gasket	Grafoil
10	Nut	Brass
11	Screw	Corrosion-treated steel
12	Handle	Plastic-coated, corrosion-treated steel

Dimensions and weight for AL 3600 LC/A

Ø	A (mm)	B (mm)	H (mm)	L (mm)	Weight (g)	K _v (m³/h)
15	49	11,5	54	91,5	230	15,7
20	58	12	57,5	91,5	310	30,8
25	67	14,5	66,3	126,5	510	49,3



Certified by RISE and
PBL approved.



Ball valves AL 3600 LC

Shut-off valves for heating, cooling and air systems,
with lockable handle

Ball valves with full throughput and internal thread.
Manufactured in chrome-plated brass with steel handle,
grafoil gasket, chrome-plated brass ball and blow-out-proof spindle.
The handle is lockable, with padlock, in open or closed position.

Size range: DN15 – DN50

Pressure class: PN40 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN 40: 0 – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: 0 – +95 °C

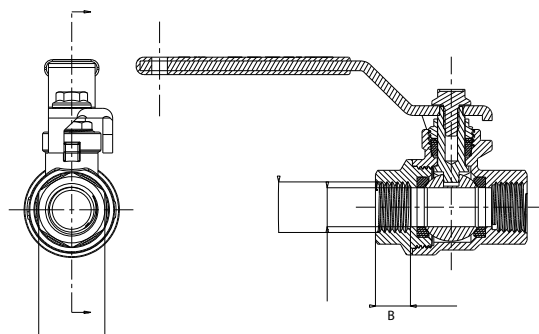
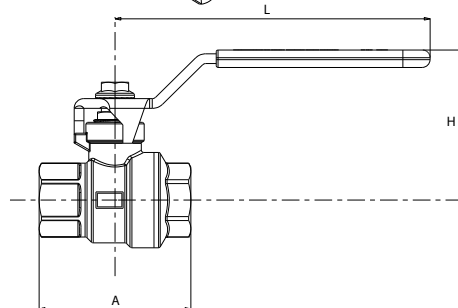
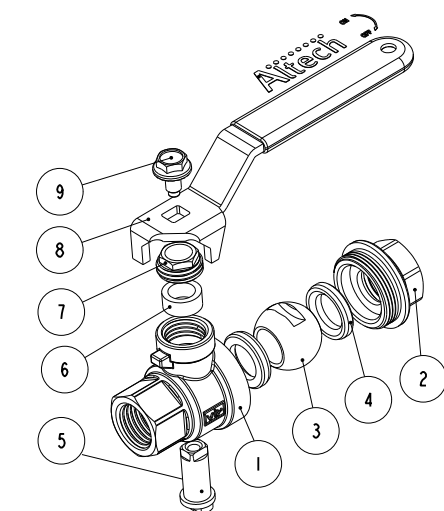
Can be used for group 2, as set out in AFS 2016:1,
regulations applicable to pressure equipment. RISE type
approval no: SC0592-16. Ball valves within the dimension
DN40 - DN50 are CE-marked to comply with
PED 2014/68 / EU.

Product no.	Model
5493221	G15
5493222	G20
5493223	G25
5493224	G32
5493225	G40
5493226	G50

No.	Designation	Material
1	Valve housing	Chrome-plated brass
2	Tapping	Chrome-plated brass
3	Ball	Chrome-plated brass
4	Seat rings	PTFE
5	Lower spindle nut	Brass
6	Gasket	Grafoil
7	Nut	Brass
8	Handle	Plastic-coated, corrosion-treated steel
9	Screw	Corrosion-treated steel

Dimensions and weight for AL 3600 LC

Ø	A (mm)	B (mm)	H (mm)	L (mm)	Weight (g)	K _v (m³/h)
15	49	11,5	54	91,5	230	15,7
20	58	12	57,5	91,5	310	30,8
25	67	14,5	66,3	126,5	510	49,3
32	81	16	71,8	126,5	810	79,0
40	94	17	82,3	141,5	1 250	125,3
50	110	19	90	141,5	1 800	224,2



Ball valves AL 3601

Shut-off valves for heating, cooling and air systems

Ball valves with full throughput, internal thread and high neck.
Manufactured of chrome-plated brass with steel handle, grafoil gasket and chrome-plated brass ball.

Size range: DN10 – DN50

Pressure class: PN25 up to max +110 °C

Temperature range, water:

PN25: 0 °C – +110 °C, PN16: 0 °C – +150 °C

Temperature range, air:

PN20: -10 °C – +110 °C, PN16: -10 °C – +150 °C

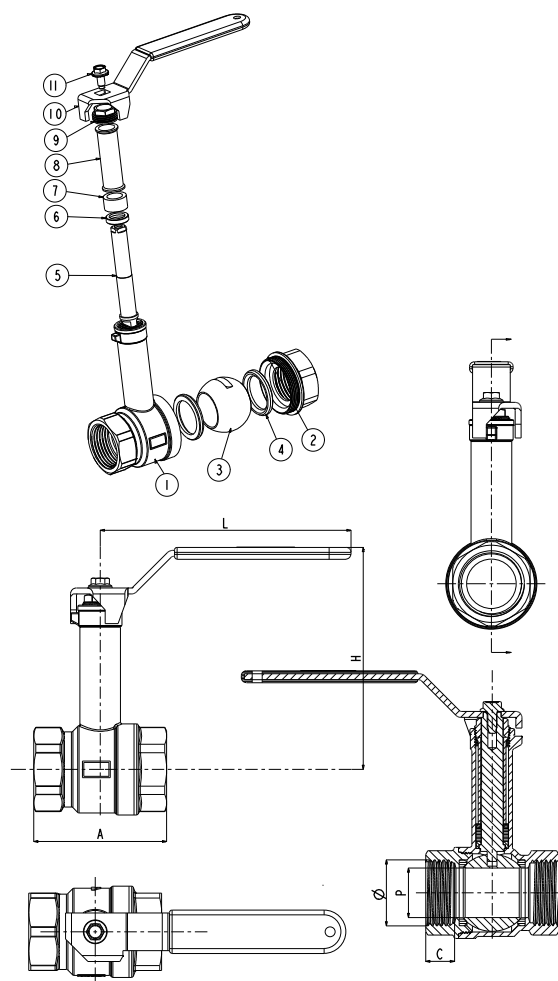
Can be used for group 2, as set out in AFS 2016:1, regulations applicable to pressure equipment. Ball valves within the dimension DN40 - DN50 are CE-marked to comply with PED 2014/68/EU.

Product no.	Model
4513420	G10
4513438	G15
4513446	G20
4513453	G25
4513461	G32
4513479	G40
4513487	G50

No.	Designation	Material
1	Valve housing	Chrome-plated brass
2	Tapping	Chrome-plated brass
3	Ball	Chrome-plated brass
4	Seat rings	PTFE
5	Lower spindle nut	Brass
6	Friction ring	Brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel

Dimensions and weight for AL 3601

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Weight (g)	K _v (m³/h)
10	40	9	96	90	10	225	5,8
15	49	11,5	98	90	15	300	15,7
20	58	12	101	90	20	395	30,8
25	67	14,5	110	125	25	630	49,3
32	81	16	120	125	32	900	79,0
40	94	17	132	140	40	1 370	125,3
50	110	19	140	140	50	1 945	224,2



Ball valves AL 343

Shut-off valves for heating, cooling and air systems

Ball valves with full throughput and internal x external thread. Manufactured in chrome-plated brass with steel handle, PTFE gasket, chrome-plated brass ball and blow-outproof spindle.

Size range: DN10 – DN50

Pressure class: PN40 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

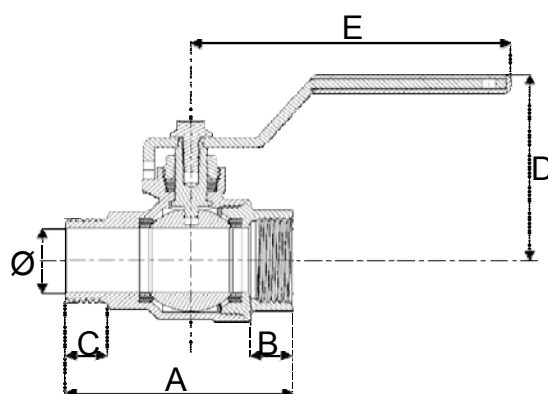
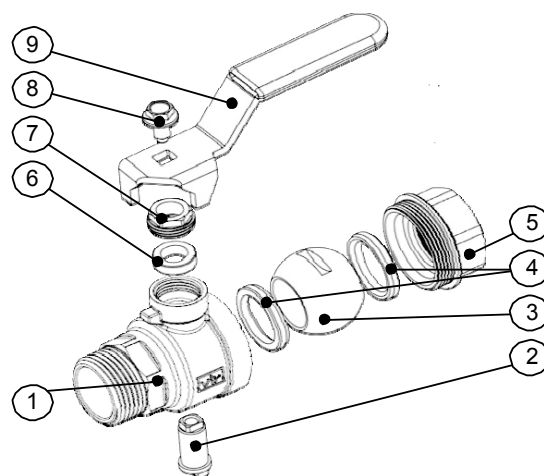
Can be used for group 2, as set out in AFS 2016:1, regulations applicable to pressure equipment. RISE type approval no: SC0592-16. Ball valves within the dimension DN40 - DN50 are CE-marked to comply with PED 2014/68 / EU.

Product no.	Model
4502938	G15 x R15
4502939	G20 x R20
4502940	G25 x R25
4502941	G32 x R32

No.	Designation	Material
1	Valve housing	Chrome-plated brass
2	Lower spindle nut	Brass
3	Ball	Chrome-plated brass
4	Seat ring	PTFE
5	Tapping	Chrome-plated brass
6	Gasket	PTFE
7	Nut	Brass
8	Screw	Corrosion-treated steel
9	Handle	Plastic-coated, corrosion-treated steel

Dimensions and weight for AL 343

Ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)	K _v (m³/h)
10	46,5	9	10	41	80	120	5,8
15	56	11,5	12	53	90	220	15,7
20	65,5	12	12	57	90	310	30,8
25	76	14,5	16	65	125	530	49,3
32	91	16	18	71	125	830	79,0
40	105	17	19	79	140	1 270	125,3
50	122	19	21	87	140	1 900	224,2



Ball valves AL 348

Shut-off valves for heating, cooling and air systems

Ball valves with full throughput and with external thread.
Manufactured in chrome-plated brass with steel handle, PTFE gasket, chrome-plated brass ball and blow-out-proof spindle.

Size range: DN20 – DN25

Pressure class: PN40 up to max +95 °C

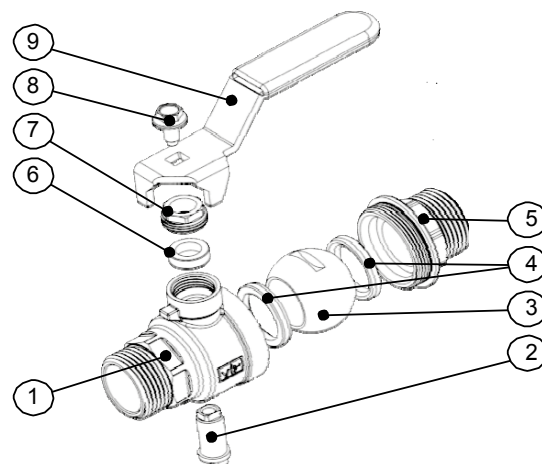
Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

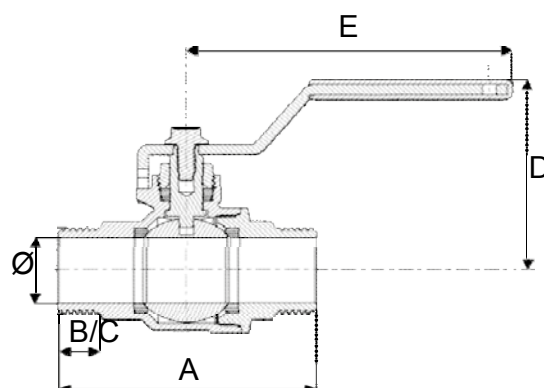
PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

Can be used for group 2, as set out in AFS 2016:1, regulations applicable to pressure equipment. RISE type approval no: SC0592-16.



Dimensions and weight for AL 348

Ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)	K _v (m³/h)
20	72,5	12	12	57	90	360	30,8
25	85	16	16	65	125	580	49,3



Certifierad by RISE and
PBL approved.



Ball valves AL 3602

Shut-off valves for heating, cooling and air systems

Ball valves with full throughput and internal thread.
Manufactured in chrome-plated brass with aluminium propeller handle, grafoil gasket, chrome brass ball and blow-out-proof spindle.

Size range: DN8 – DN25

Pressure class: PN40 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

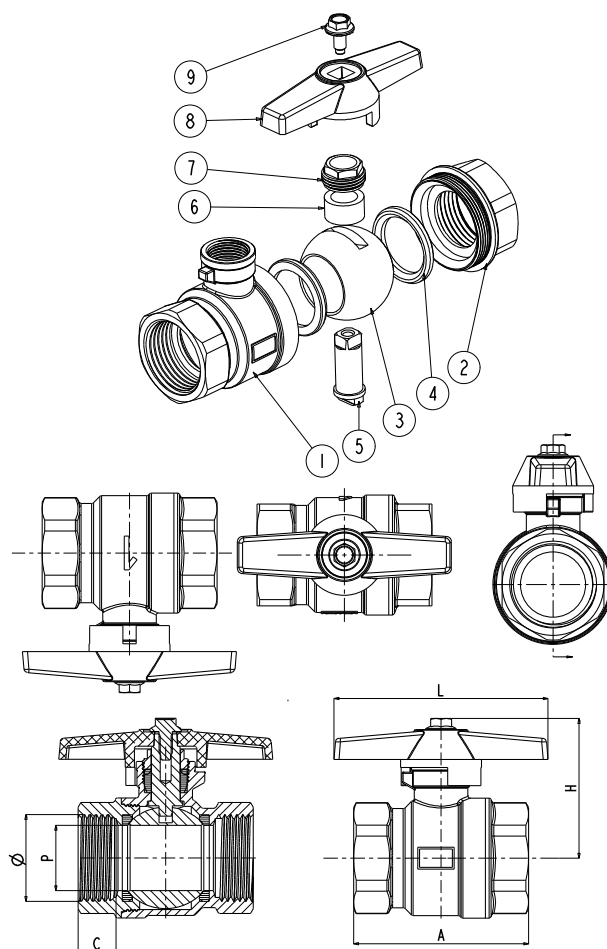
Can be used for group 2, as set out in AFS 2016:1, regulations applicable to pressure equipment. RISE type approval no: SC0592-16.

Product no.	Model
4503066	G8
4503074	G10
4503082	G15
4503090	G20
4503108	G25

No.	Designation	Material
1	Valve housing	Brass
2	Tapping	Chrome-plated brass
3	Ball	Chrome-plated brass
4	Seat ring	PTFE
5	Lower spindle nut	Brass
6	Gasket	Grafoil
7	Nut	Brass
8	Lever handle	Aluminium
9	Screw	Corrosion-treated steel

Dimensions and weight for AL 3635

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Weight (g)	K _v (m³/h)
8	39	9	32	44	10	90	3,2
10	39	9	32	44	10	100	5,8
15	49	11,5	39	55	15	195	15,7
20	58	12	43	55	20	280	30,8
25	67	14,5	50	83	25	460	49,3



Ball valves AL 3635

Shut-off valves for heating, cooling and air systems

Ball valves with full throughput, cast high neck and tapping device. Manufactured of chrome-plated brass with steel handle and grafoil gasket.

Size range: DN10 – DN50

Pressure class: PN25 up to max +95 °C

Temperature range, water: PN25: 0 °C – +95°C, PN16: 0 °C – +150 °C

Temperature range, air: PN20: -10 °C – +110°C, PN16: -10 °C – +150 °C

Can be used for group 2 as set out in AFS 2016:1, regulations applicable to pressure equipment. Ball valves within the dimension DN40 - DN50 are CE-marked to comply with PED 2014/68 / EU. RISE approval no: SC0596-16.

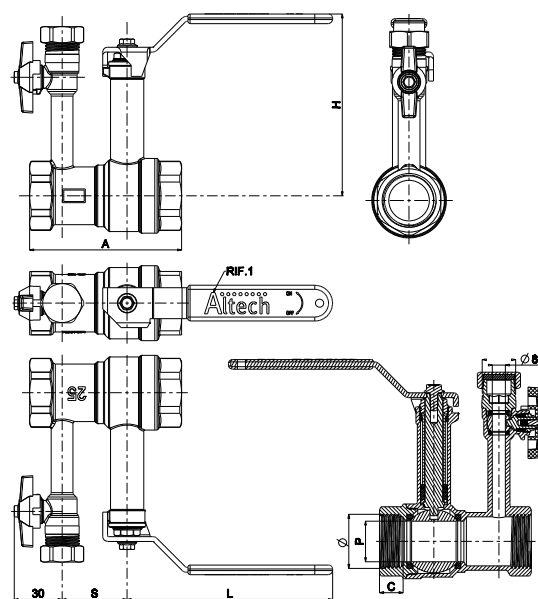
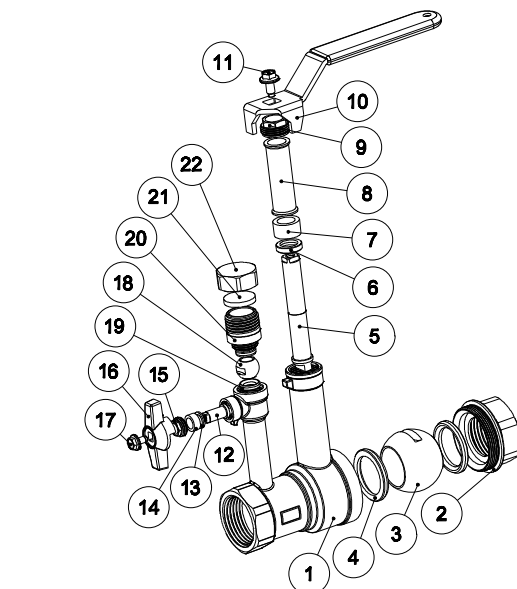


Product no.	Model
4502400	G10
4502401	G15
4502402	G20
4502403	G25
4502404	G32
4502405	G40
4502406	G50

No.	Designation	Material
1	Valve housing	Brass
2	Tapping	Chrome-plated brass
3	Ball	Chrome-plated brass
4	Seat ring	PTFE
5	Lower spindle nut	Brass
6	Friction ring	Zinc-resistant brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
13	Lower spindle nut	Brass
14	Friction ring	Zinc-resistant brass
15	Gasket	Grafoil
16	Nut	Brass
17	Lever handle	Aluminium
18	Screw	Corrosion-treated steel
19	Ball	Chrome-plated brass
20	Seat ring	PTFE
21	Tapping	Chrome-plated brass
22	Gasket	EPDM
23	Cover	Brass

Dimensions and weight for AL 3635

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	S (mm)	Weight (g)	K _v (m³/h)
10	74,5	9	96	90	10	39	390	5,8
15	82	11,5	96	90	15	39	480	15,7
20	86	12	101	90	20	39	570	30,8
25	93,5	14,5	110	125	25	40	810	49,3
32	102,5	16	120	125	32	40	1 080	79,0
40	113	17	132	140	40	43	1 600	125,3
50	123	19	140	140	50	43	2 250	224,2



Certified by RISE and PBL approved.



Ball valves AL 300T, AL 300L

3-way shut-off valves for heating, cooling and air systems

Ball valves with reduced throughput and internal thread.
Manufactured of nickel-plated brass with steel handle and chrome-plated brass ball. Available as T-drilled and L-drilled.

Size range: DN15 – DN50
Pressure class: DN15 – DN50: PN40

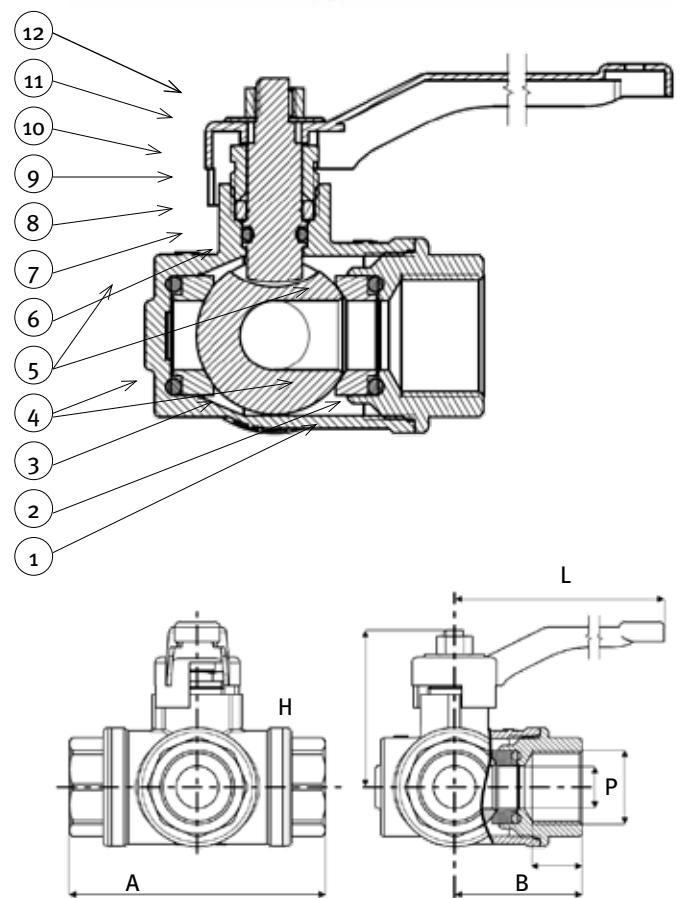
Temperature range, water: 0 °C – +100 °C
Temperature range, air: -10 °C – +100 °C

Can be used for group2, as set out in AFS 2016:1, regulations applicable to pressure equipment.



Product no. Model	Modell
T-drilled	
4551067	G15
4551068	G20
4551069	G25
L-drilled	
4551070	G15
4551071	G20
4551072	G25
4551073	G32
4551074	G40
4551075	G50

No.	Designation	Material
1	Valve housing	Nickel-plated brass
2	Tapping	Nickel-plated brass
3	Ball	Nickel-plated brass
4	Seat rings	PTFE
5	Seat O-ring	FKM
6	Lower spindle nut	Brass
7	O-ring	O-ring
8	Gasket	PTFE
9	Nut	Brass
10	Handle	Aluminium
11	Disc	Aluminium
12	Screw	Corrosion-treated steel



Dimensions and weight for AL 300T, AL 300L

Ø	A (mm)	B (mm)	H (mm)	L (mm)	P (mm)	Weight (g) T-drilled	Weight (g) L-drilled
15	82	41	52	115	10	626	633
20	90	45	56	115	15	861	864
25	106	53	64	150	20	1 479	1 492
32	120	60	77	150	25	–	2 046
40	142	71	94	240	32	–	3 725
50	165	83	104	240	40	–	5 860

Ball valves

Tap water

Ball valves AL 3605, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput and internal thread.
Manufactured in zinc-resistant brass CW511 L (lead content $\leq 0,2\%$), with steel handle, grafoil gasket and blow-out-proof spindle.

Size range: DN10 – DN50

Pressure class: PN40 upp till max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

Used for installations with hot and cold tap water as well as air and vacuum. Can also be used in heating systems.

RISE type approval no: SC0593-16.

With lever

Product no.	Model
450 7406	G10
4507414	G15
4507422	G20
4507430	G25
4507448	G32
4507455	G40
4507463	G50

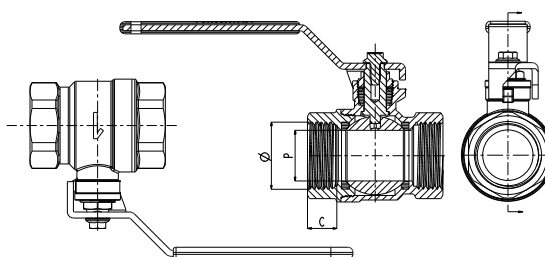
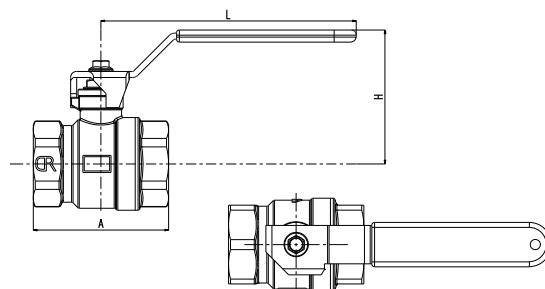
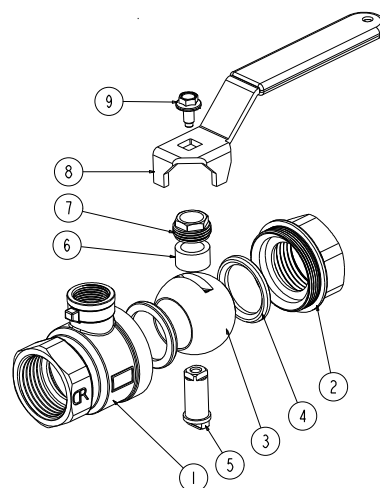
With lever handle

Product no.	Model	Colour
450 7441	G10	Red
4507442	G15	Red
4507443	G20	Red
4507444	G10	Blue
4507445	G15	Blue
4507446	G20	Blue

Nr	Designation	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat rings	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Handle	Plastic-coated, corrosion-treated steel
9	Screw	Corrosion-treated steel

Dimensions and weight for AL 3605

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Weight (g)	K _v (m³/h)
10	39	9	41	80	10	120	5,8
15	49	11,5	53	90	15	225	15,7
20	58	12	57	90	20	305	30,8
25	67	14,5	65	125	25	510	49,3
32	81	16	71	125	32	810	79,0
40	94	17	79	140	40	1 430	125,3
50	110	19	87	140	50	2 200	224,2



Certifierad by RISE and PBL approved.



Ball valves AL 3605, lead free

Shut-off valves for hot and cold tap water

Ball valves with full throughput and internal thread.
Manufactured in zinc-resistant brass CW511 L (lead content $\leq 0,1\%$), with steel handle, grafoil gasket and blow-out-proof spindle.

Size range: DN10 – DN50

Pressure class: PN40 upp till max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

Used for installations with hot and cold tap water as well as air and vacuum. Can also be used in heating systems.

RISE type approval no: SC0593-16.

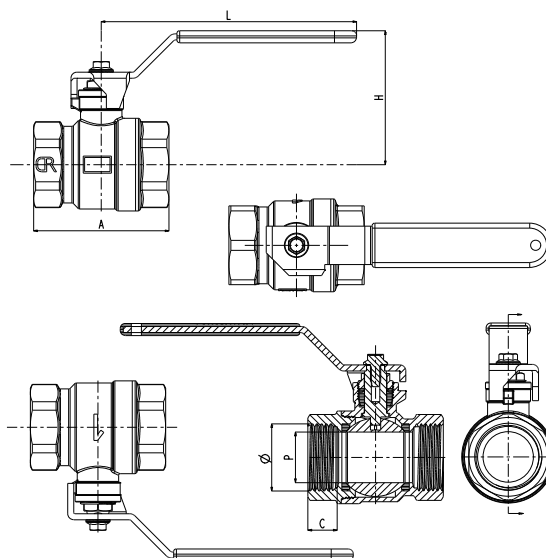
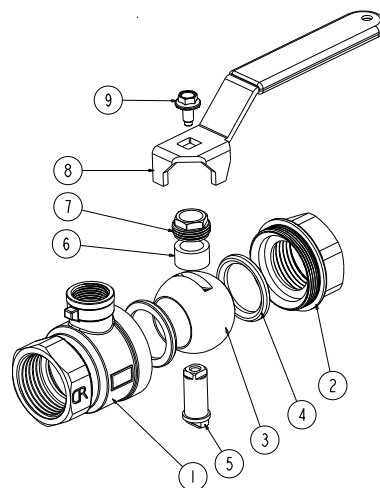
With lever

Art nr	Modell
5494953	G10
5494954	G15
5494955	G20
5494956	G25
5494957	G32
5494958	G40
5494959	G50

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat rings	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Handle	Plastic-coated, corrosion-treated steel
9	Screw	Corrosion-treated steel

Mått och vikt för AL 3605

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Vikt (g)	K _v (m³/h)
10	39	9	41	80	10	120	5,8
15	49	11,5	53	90	15	225	15,7
20	58	12	57	90	20	305	30,8
25	67	14,5	65	125	25	510	49,3
32	81	16	71	125	32	810	79,0
40	94	17	79	140	40	1 430	125,3
50	110	19	87	140	50	2 200	224,2



Certifierad av RISE och
godkänd enligt PBL.



Ball valves AL 3605V, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput, internal thread and softclosing handle. Manufactured in zinc-resistant brass with steel handle, grafoil gasket, Teflon-coated ball and blowout-proof spindle.

Size range: DN40 – DN50

Pressure class: PN40 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

Used for installations with hot and cold tap water as well as air and vacuum. Can also be used in heating systems.

RISE type approval no: SC0593-16.

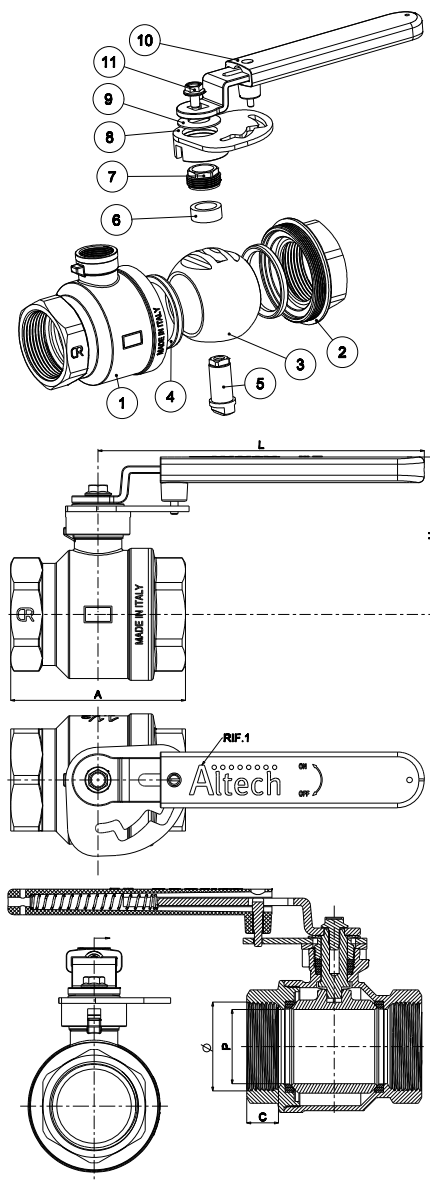


Product no.	Model
4507480	G40
4507481	G50

No.	Designation	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Control plate	Steel and aluminium
9	Washer	Corrosion-treated steel
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel

Dimensions and weight for AL 3605

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Weight (g)	K _v (m³/h)
40	94	17	84	174	40	1,600	125,3
50	110	19	93	174	50	2,380	224,2



Ball valves AL 4340, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput, internal thread and high spindle neck. Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$), with steel handle and grafoil gasket.

Size range: DN15 – DN50

Pressure class: PN25 up to max +110 °C

Temperature range, water:

PN25: 0 °C – +110 °C, PN16: 0 °C – +150 °C

Temperature range, air:

PN25: -10 °C – +110 °C, PN16: -10 °C – +150 °C

Used for installations with hot and cold tap water as well as air and vacuum. Can also be used in heating systems.

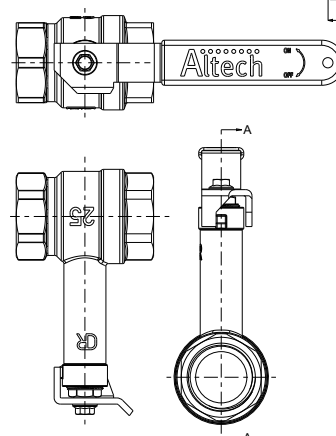
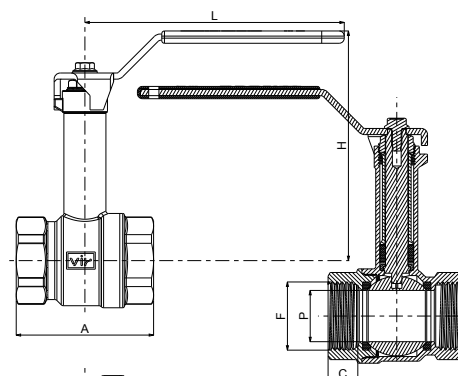
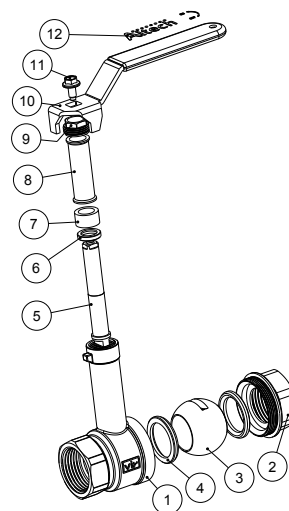
RISE type approval no: SC0593-16.

Product no.	Model
4513538	G15
4513539	G20
4513540	G25
4513541	G32
4513542	G40
4513543	G50

No.	Designation	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Friction ring	Zinc-resistant brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel

Dimensions and weight for AL 4340

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Weight (g)	K _v (m³/h)
15	49	11,5	98	91,5	15	293	15,7
20	58	12	101	91,5	20	390	30,8
25	67	14,5	110	126,5	25	600	49,3
32	81	16	120	126,5	32	896	79,0
40	94	17	132	142	40	1 540	125,3
50	110	19	140	142	50	2 367	224,2



Certifierad by RISE and
PBL approved.



Ball valves AL 4340, lead free

Shut-off valves for hot and cold tap water

Ball valves with full throughput, internal thread and high spindle neck. Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,1\%$), with steel handle and grafoil gasket.

Size range: DN15 – DN50

Pressure class: PN40 up to max +110 °C

Temperature range, water:

PN25: 0 °C – +110 °C, PN16: 0 °C – +150 °C

Temperature range, air:

PN25: -10 °C – +110 °C, PN16: -10 °C – +150 °C

Used for installations with hot and cold tap water as well as air and vacuum. Can also be used in heating systems.

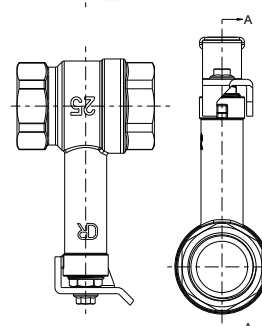
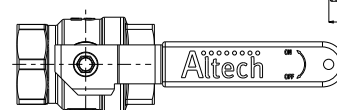
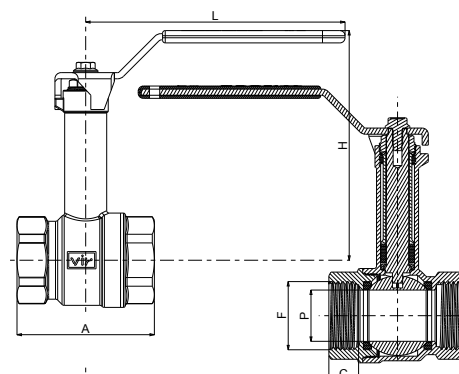
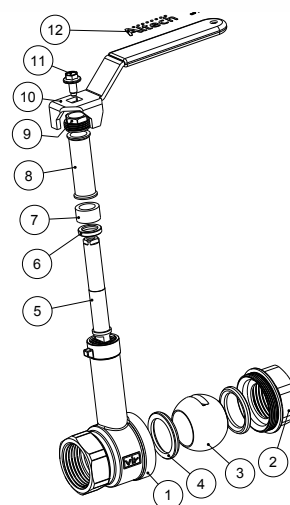
RISE type approval no: SC0593-16.

Art nr	Modell
5494960	G15
5494961	G20
5494962	G25
5494963	G32
5494964	G40
5494965	G50

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Friction ring	Zinc-resistant brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel

Mått och vikt för AL 4340

Ø	A (mm)	C (mm)	H (mm)	L (mm)	P (mm)	Vikt (g)	K _v (m³/h)
15	49	11,5	98	91,5	15	293	15,7
20	58	12	101	91,5	20	390	30,8
25	67	14,5	110	126,5	25	600	49,3
32	81	16	120	126,5	32	896	79,0
40	94	17	132	142	40	1 540	125,3
50	110	19	140	142	50	2 367	224,2



Ball valves AL 343 AVZ, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput and internal x external thread. Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$), with aluminium lever handle and grafoil gasket.

Size range: DN15 – DN50

Pressure class: PN40 up to max +95 °C

Temperature range, water:

PN25: 0 °C – +150 °C, PN40: 0 °C – +95 °C

Temperature range, air:

PN25: -10 °C – +150 °C, PN40: -10 °C – +95 °C

Used for installations with hot and cold tap water as well as air and vacuum. Can also be used in heating systems.

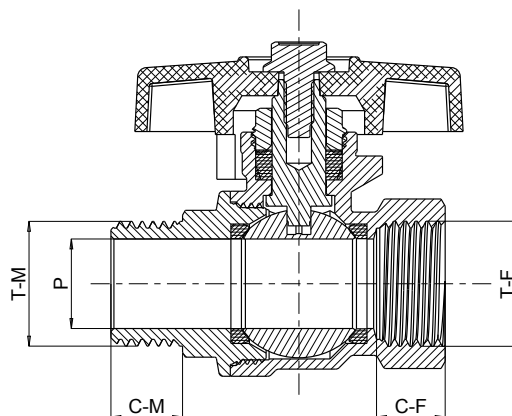
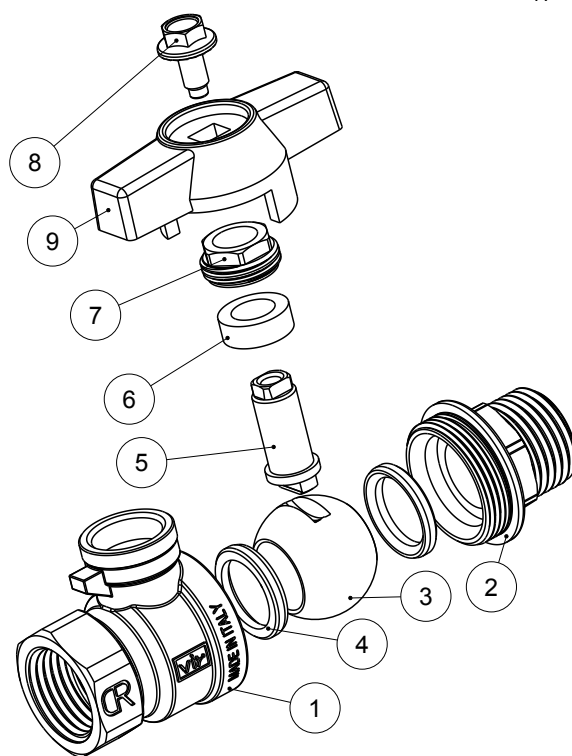
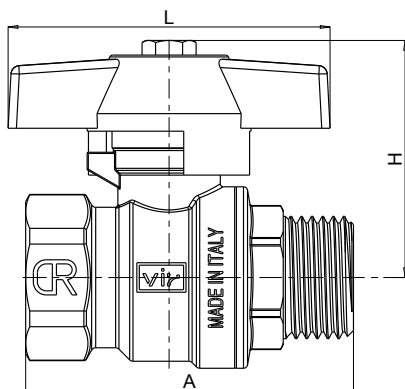
RISE type approval no: SC0593-16.

Product no.	Model
5493274	G15 x R15, red lever handle
5493275	G15 x R15, blue lever handle

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Screw	Corrosion-treated steel
9	Lever handle	Aluminium

Dimensions and weight for AL 343 AVZ

Ø	A (mm)	L (mm)	H (mm)	C-M (mm)	C-F (mm)	P (mm)	Weight (g)	K _v (m³/h)
15	56	55	40,5	12	11,5	15	170	5,8



Ball valves AL 3611, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput, high neck and with solder.
Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$),
with steel handle and grafoil gasket.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water: PN16: 0 °C – +85 °C, PN10: 0 °C – +110 °C

Temperature range, air: PN10: -10 °C – +110 °C

Used for installations with hot and cold tap water as well as air, neutral
and non-combustible gases. Can be used in heating systems.

RISE type approval no: SC0594-16.



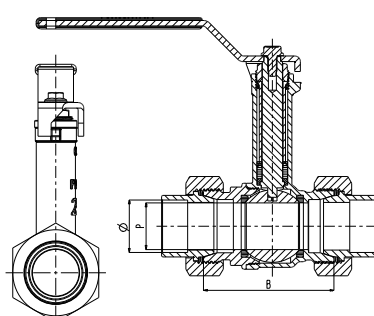
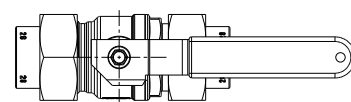
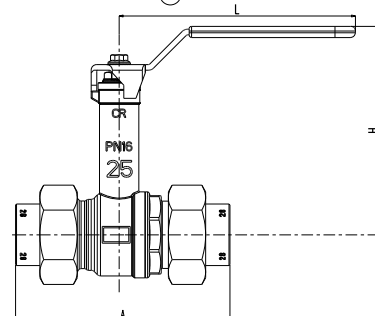
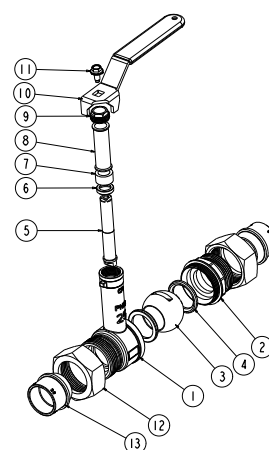
Product no.	Model
4510327	12
4510335	15
4510343	18
4510350	22
4510368	28
4510376	35
4510384	42*
4510392	54*

*Soft closing handles

No.	Designation	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Friction ring	Brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
12	Nut	Brass
13	Coupling end	Brass

Dimensions and weight for AL 3611

Ø	A (mm)	B (mm)	H (mm)	L (mm)	P (mm)	Weight (g)
12	78	50	96	80	10	320
15	91	55	99	90	15	440
18	100	60	102	90	20	620
22	100	60	102	90	20	620
28	115	70	112	125	25	1 000
35	134	80	117	125	32	1 450
42	150	90	134	174	40	2 310
54	160	100	142	174	50	3 550



Certified by RISE and
PBL approved.



Ball valves AL 3611, lead free

Shut-off valves for hot and cold tap water

Ball valves with full throughput, high neck and with solder.
Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,1\%$),
with steel handle and grafoil gasket.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water: PN16: 0 °C – +85 °C, PN10: 0 °C – +110 °C

Temperature range, air: PN10: -10 °C – +110 °C

Used for installations with hot and cold tap water as well as air, neutral
and non-combustible gases. Can be used in heating systems.

RISE type approval no: SC0594-16.



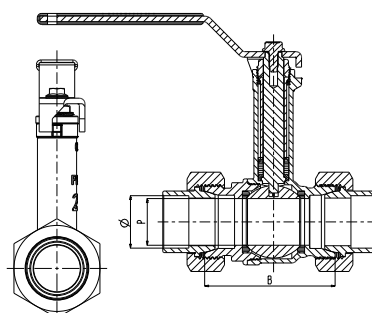
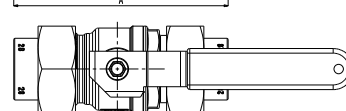
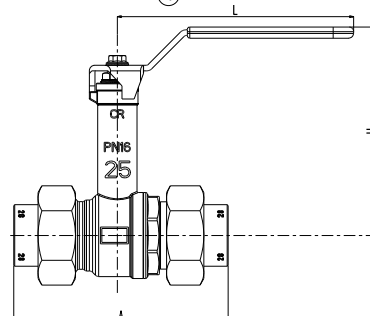
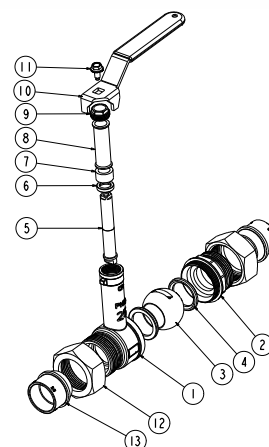
Art nr	Modell
5494966	12
5494967	15
5494968	18
5494969	22
5494970	28
5494971	35
5494972	42*
5494973	54*

*Soft closing handles

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Friction ring	Brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
12	Nut	Brass
13	Coupling end	Brass

Dimensions and weight for AL 3611

Ø	A (mm)	B (mm)	H (mm)	L (mm)	P (mm)	Vikt (g)
12	78	50	96	80	10	320
15	91	55	99	90	15	440
18	100	60	102	90	20	620
22	100	60	102	90	20	620
28	115	70	112	125	25	1 000
35	134	80	117	125	32	1 450
42	150	90	134	174	40	2 310
54	160	100	142	174	50	3 550



Certifierad av RISE och
godkänd enligt PBL.



Ball valves AL 3611, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput, high neck and no clamp ring couplings. Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$), with steel handle and grafoil gasket.

Size range: DN15 – DN50

Pressure class: PN16 up to max +110 °C

Temperature range, water: PN16: 0 °C – +110°C

Temperature range, air: PN16: -10 °C – +100 °C

Used for installations with hot and cold tap water as well as air, neutral and non-combustible gases. Can be used in heating systems.

RISE type approval no: SC0594-16.

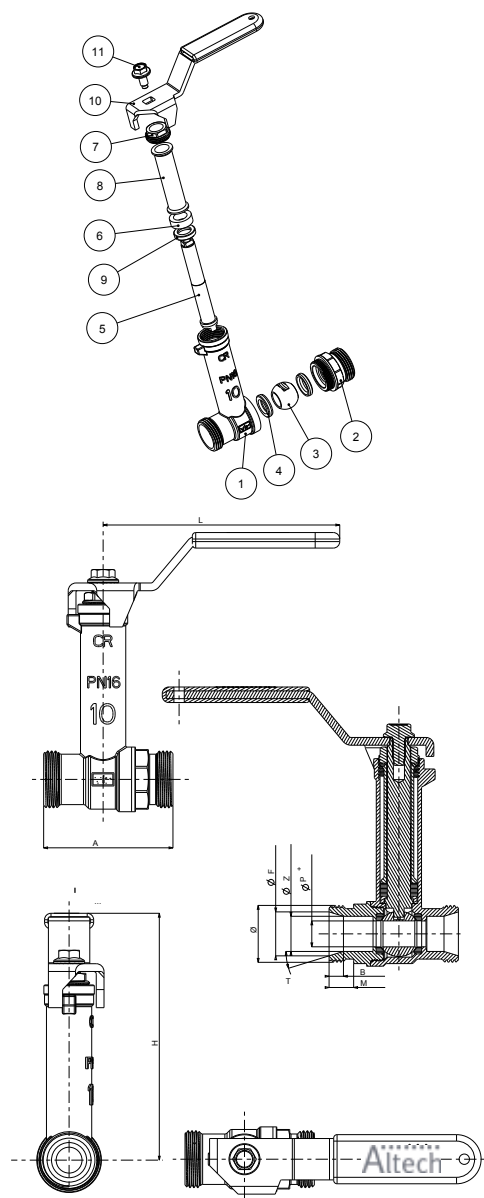


Product no.	Model
4510251	10, M22 x 1,5
4510269	15, M26 x 1,5
4510277	20, M34 x 1,5
4510285	25, M40 x 2,0
4510293	32, M50 x 2,0
4510301	40, M55 x 2,0
4510319	50, M70 x 2,0

No.	Designation	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Spacer sleeve	Brass
9	Friction ring	Zinc-resistant brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel

Dimensions and weight for AL 3611

Ø	A (mm)	B (mm)	F (mm)	H (mm)	L (mm)	M (mm)	P (mm)	T (mm)	Z (mm)	Weight (g)
10, M22 x 1,5	50	5,6	17	96	91,5	9,5	10	17°	13,6	300
15, M26 x 1,5	55	6,5	21	98,2	91,5	11	15	17°	17	300
20, M34 x 1,5	60	6,5	27	102	61,5	12	20	17°	23	399
25, M40 x 2,0	70	7,4	33	111,6	126,5	14,4	25	17°	28,5	594
32, M50 x 2,0	80	7,4	42	117,1	126,5	14,5	32	17°	27,5	878
40, M55 x 2,0	90	8,2	48	131,2	142	15	40	17°	43	1 552
50, M70 x 2,0	100	9	62	139	142	16,5	50	17°	56,5	2 134



Certified by RISE and PBL approved.



Ball valves AL 3613, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput and clamp ring couplings.
Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$),
with steel handle, grafoil gasket and has a blow-out-proof spindle.

Size range: DN12 – DN28

Pressure class: PN16

Temperature range, water: $0\text{ }^{\circ}\text{C} - +110\text{ }^{\circ}\text{C}$

Temperature range, air: $-10\text{ }^{\circ}\text{C} - +100\text{ }^{\circ}\text{C}$

For installation with hot and cold tap water. Also used for brine systems, heating water, neutral, non-combustible gases, some lighter oils and compressed air. Can also be used in heating systems.

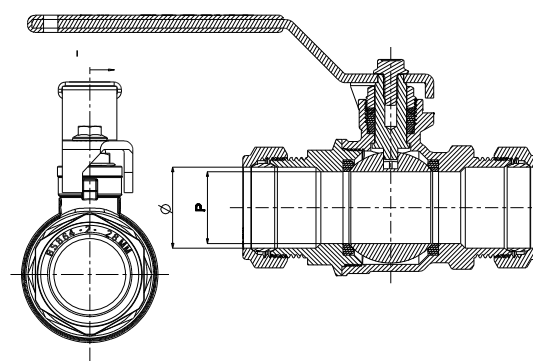
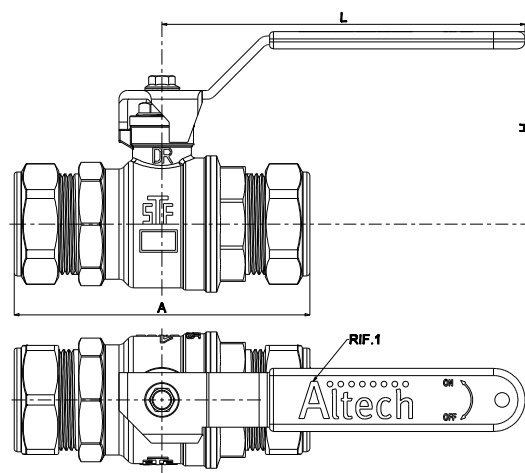
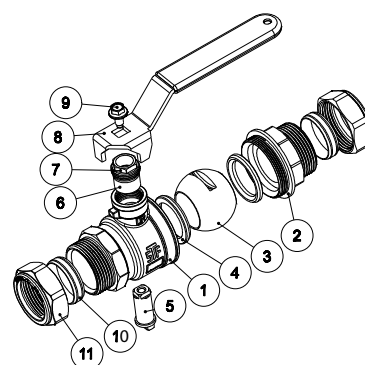


Product no.	Model
4513917	12
4513925	15
4513941	18
4513958	22
4513966	28

No.	Designation	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Handle	Plastic-coated, corrosion-treated steel
9	Screw	Corrosion-treated steel
11	Clamp ring	Brass
12	Nut	Brass

Dimensions and weight for AL 3613

Ø	A (mm)	H (mm)	L (mm)	P (mm)	Weight (g)
12	68	40	80	10	170
15	77	53	90	15	285
18	77	53	90	15	295
22	88	57	90	20	440
28	104	65	125	25	710



Ball valves AL 3613, lead free

Shut-off valves for hot and cold tap water

Ball valves with full throughput and clamp ring couplings.
Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,1\%$),
with steel handle, grafoil gasket and has a blow-out-proof spindle.

Size range: DN12 – DN28

Pressure class: PN16

Temperature range, water: $0\text{ }^{\circ}\text{C} - +110\text{ }^{\circ}\text{C}$

Temperature range, air: $-10\text{ }^{\circ}\text{C} - +100\text{ }^{\circ}\text{C}$

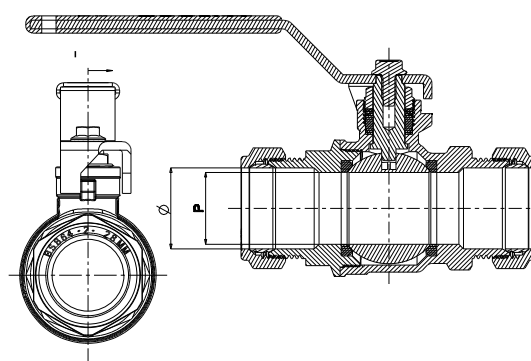
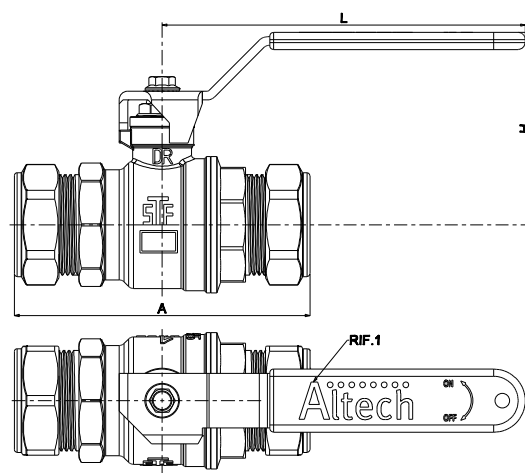
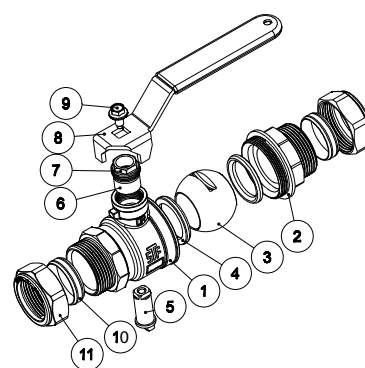
For installation with hot and cold tap water. Also used for
brine systems, heating water, neutral, non-combustible
gases, some lighter oils and compressed air. Can also be used in
heating systems.

Art nr	Modell
5494974	12
5494975	15
5494976	18
5494977	22
5494978	28

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Nut	Brass
8	Handle	Plastic-coated, corrosion-treated steel
9	Screw	Corrosion-treated steel
11	Clamp ring	Brass
12	Nut	Brass

Dimensions and weight for AL 3613

Ø	A (mm)	H (mm)	L (mm)	P (mm)	Vikt (g)
12	68	40	80	10	170
15	77	53	90	15	285
18	77	53	90	15	295
22	88	57	90	20	440
28	104	65	125	25	710



Ball valves AL 3614, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput, high neck and clamp ring couplings. Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$), with steel handle, grafoil gasket and has a blow-out-proof spindle.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water: PN16: 0 °C – +85 °C, PN10: 0 °C – +110 °C

Temperature range, air: PN16: -10 °C – +110 °C, PN10: -10 °C – +100 °C

For installation with hot and cold tap water. Also used for brine systems, heating water, neutral, non-combustible gases, some lighter oils and compressed air. Can also be used in heating systems.



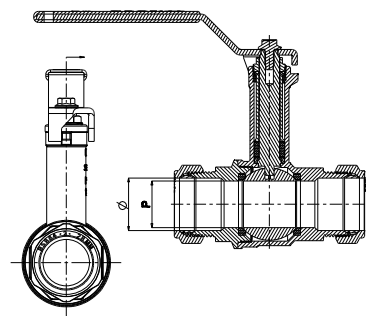
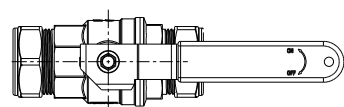
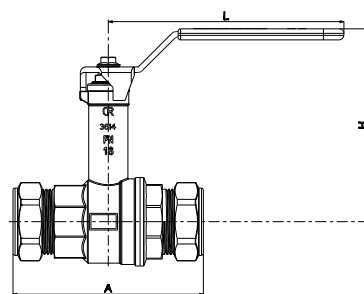
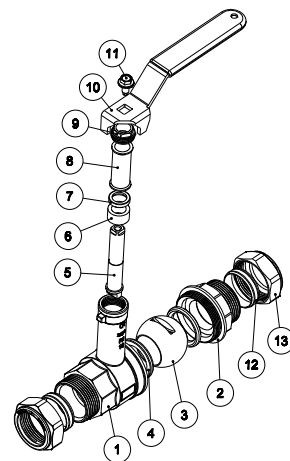
Product no.	Model
4513986	12
4513987	15
4513989	18
4513990	22
4513991	28
4513992	35
4513994	42*
4513995	54*

*Soft closing handle

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Friction ring	Zinc-resistant brass
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
13	Clamp ring	Brass
14	Nut	Brass

Dimensions and weight for AL 3614

Ø	A (mm)	H (mm)	L (mm)	P (mm)	Weight (g)
12	68	82	80	10	250
15	77	85	90	15	360
18	77	85	90	15	370
22	88	89	90	20	500
28	104	104	125	25	870
35	119	109	125	32	1 160
42	132	119	176	40	2 060
54	160	127	176	50	3 350



Ball valves AL 3614, lead free

Shut-off valves for hot and cold tap water

Ball valves with full throughput, high neck and clamp ring couplings. Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,1\%$), with steel handle, grafoil gasket and has a blow-out-proof spindle.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water: PN16: 0 °C – +85 °C, PN10: 0 °C – +110 °C

Temperature range, air: PN16: -10 °C – +110 °C, PN10: -10 °C – +100 °C

For installation with hot and cold tap water. Also used for brine systems, heating water, neutral, non-combustible gases, some lighter oils and compressed air. Can also be used in heating systems.



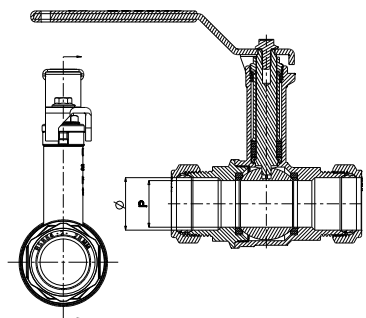
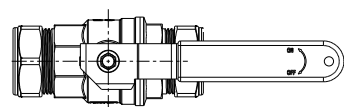
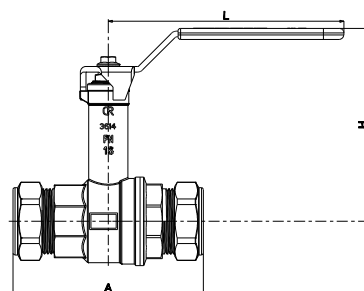
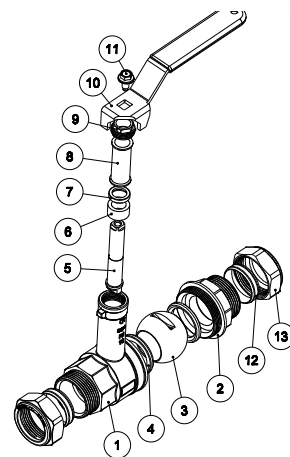
Art nr	Modell
5494979	12
5494980	15
5494981	18
5494982	22
5494983	28
5494984	35
5494985	42*
5494986	54*

*Soft closing handle

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Gasket	Grafoil
7	Friction ring	Zinc-resistant brass
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
13	Clamp ring	Brass
14	Nut	Brass

Dimensions and weight for AL 3614

Ø	A (mm)	H (mm)	L (mm)	P (mm)	Vikt (g)
12	68	82	80	10	250
15	77	85	90	15	360
18	77	85	90	15	370
22	88	89	90	20	500
28	104	104	125	25	870
35	119	109	125	32	1 160
42	132	119	176	40	2 060
54	160	127	176	50	3 350



Ball valves AL 3616, low lead

Shut-off valves for hot and cold tap water

Ball valves with smooth ends for press joint and high neck.
Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,2\%$),
with steel handle, grafoil gasket and Teflon-coated ball.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water: PN16: 0 °C – +85 °C, PN10: 0 °C – +110 °C

Temperature range, air: PN16: -10 °C – +85 °C, PN10: -10 °C – +100 °C

For installation with hot and cold tap water and coldwater system, in galvanized steel pipe systems, copper or stainless steel. For air, neutral, non-combustible gases and flammable liquids. Can also be used in heating systems.
RISE type approval no: SC0594-16.

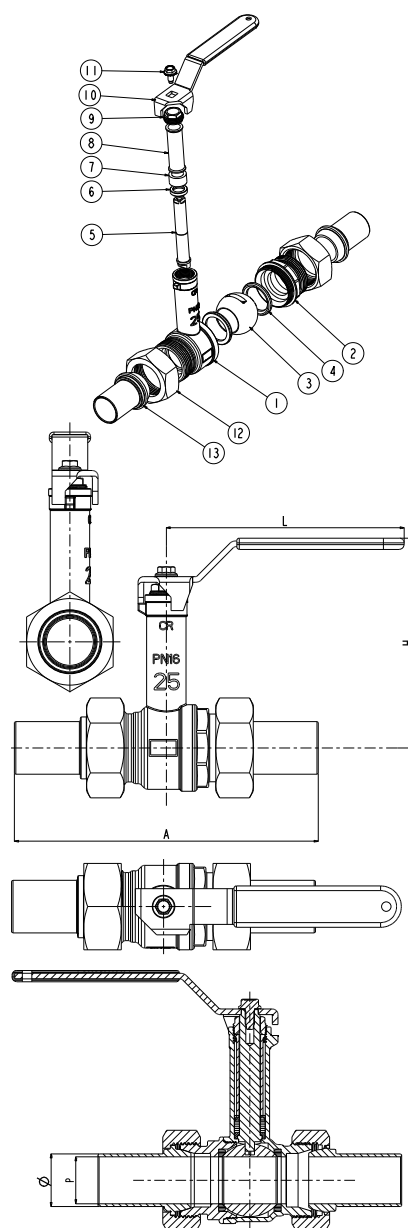


Product no.	Model
4510344	12
4510336	15
4510345	18
4510337	22
4510338	28
4510339	35
4510340	42
4510341	54

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Friction ring	Brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
13	Nut	Brass
14	Coupling end	Bronze

Dimensions and weight for AL 3616

Ø	A (mm)	B (mm)	H (mm)	L (mm)	P (mm)	Weight (g)
12	133	50	96	80	10	330
15	140	55	99	90	15	440
18	146	60	102	90	20	650
22	146	60	102	90	20	660
28	160	70	112	125	25	1 032
35	180	80	117	125	32	1 570
42	214	90	134	174	40	2 510
54	247	100	142	174	50	3 890



Certifierad by RISE and
PBL approved.



Ball valves AL 3616, lead free

Shut-off valves for hot and cold tap water

Ball valves with smooth ends for press joint and high neck.
Manufactured of zinc-resistant brass CW511 L (lead content $\leq 0,1\%$),
with steel handle, grafoil gasket and Teflon-coated ball.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water: PN16: 0 °C – +85 °C, PN10: 0 °C – +110 °C

Temperature range, air: PN16: -10 °C – +85 °C, PN10: -10 °C – +100 °C

For installation with hot and cold tap water and coldwater system, in galvanized steel pipe systems, copper or stainless steel. For air, neutral, non-combustible gases and flammable liquids. Can also be used in heating systems.
RISE type approval no: SC0594-16.

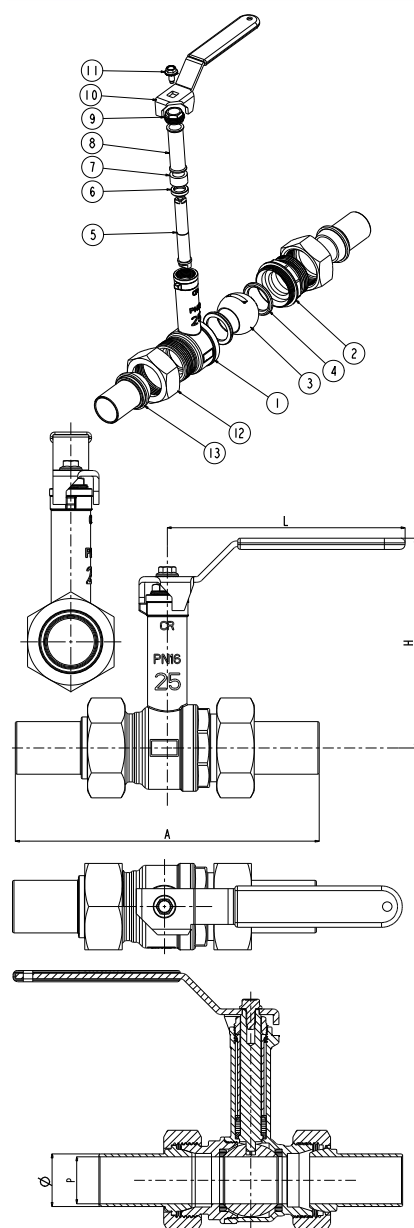


Product no.	Model
5495079	12
5495080	15
5495081	18
5495082	22
5495083	28
5495084	35
5495085	42
5495086	54

Nr	Benämning	Material
1	Valve housing	Zinc-resistant brass
2	Tapping	Zinc-resistant brass
3	Ball	Zinc-resistant brass
4	Seat ring	PTFE
5	Lower spindle nut	Zinc-resistant brass
6	Friction ring	Brass
7	Gasket	Grafoil
8	Spacer sleeve	Brass
9	Nut	Brass
10	Handle	Plastic-coated, corrosion-treated steel
11	Screw	Corrosion-treated steel
13	Nut	Brass
14	Coupling end	Bronze

Dimensions and weight for AL 3616

Ø	A (mm)	B (mm)	H (mm)	L (mm)	P (mm)	Weight (g)
12	133	50	96	80	10	330
15	140	55	99	90	15	440
18	146	60	102	90	20	650
22	146	60	102	90	20	660
28	160	70	112	125	25	1 032
35	180	80	117	125	32	1 570
42	214	90	134	174	40	2 510
54	247	100	142	174	50	3 890



Ball valves AL 5020, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput and press joints. Made in zinc-resistant brass CW511 L (lead content $\leq 0,2\%$), with steel handles, Teflon-coated ball and blow-out-proof spindle.

Size range: DN12 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water:

PN16: 0 °C – +85 °C, PN10: 0 °C – +120 °C

Temperature range, air:

PN16: -10 °C – +85 °C, PN10: -10 °C – +120 °C

For installation with tap water. Also used for brine system, heating water and compressed air. Can also be used in heating systems.

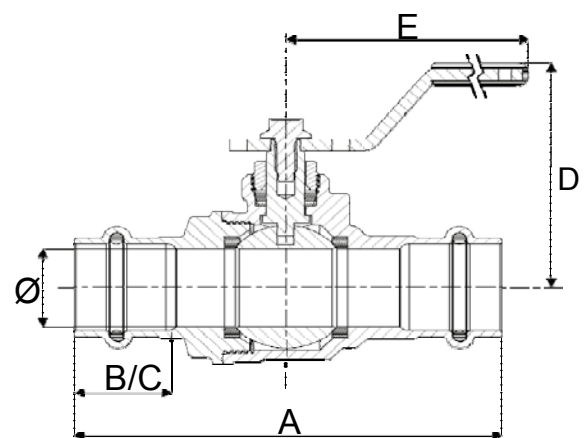
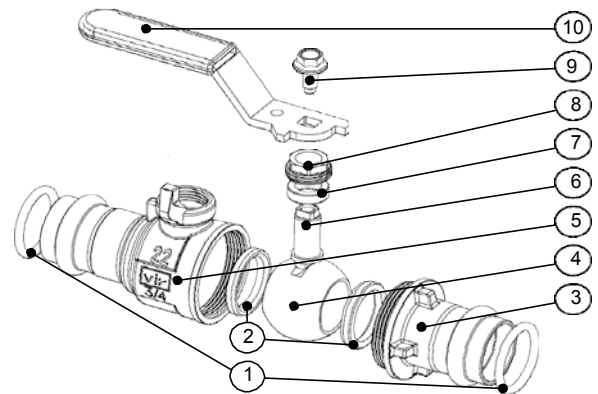


Product no.	Model	Crimping jaws-profile
4510162	15	M / V
4510163	18	M / V
4510164	22	M / V
4510165	28	M / V
4510166	35	M / V
4510167	42	V
4510168	54	V

No.	Designation	Material
1	O-ring	EPDM
2	Seat ring	PTFE
3	Tapping	Red brass
4	Ball	Zinc-resistant brass
5	Valve housing	Red brass
6	Lower spindle nut	Zinc-resistant brass
7	Gasket	PTFE
8	Nut	Brass
9	Screw	Corrosion-treated steel
10	Handle	Plastic-coated, corrosion-treated steel

Dimensions and weight for AL 5020

Ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)	K _v (m³/h)
12	76	18	18	39,4	81,0	146	5,8
15	83	22	22	54,0	91,5	240	15,7
18	87	22	22	54,0	91,5	271	15,73
22	101	23	23	57,5	91,5	365	30,79
28	116	25	25	65,3	126,5	590	49,33
35	128	31	31	70,8	126,5	896	78,98
42	152	36	36	83,3	141,5	1 389	125,3
54	177	44	44	91,0	141,5	2 079	224,2



Ball valves AL 5020L, low lead

Shut-off valves for hot and cold tap water

Ball valves with full throughput, high neck and press joints.
Manufactured in zinc-resistant brass CW511 L (lead content $\leq 0,2 \%$),
with steel handle and Teflon-coated ball.

Size range: DN15 – DN54

Pressure class: PN16 up to max +85 °C

Temperature range, water:

PN16: 0 °C – +85 °C, PN10: 0 °C – +120 °C

Temperature range, air:

PN16: -10 °C – +85 °C, PN10: -10 °C – +120 °C

For installation with tap water. Also used for brine system, heating
water and compressed air. Can also be used in heating systems.

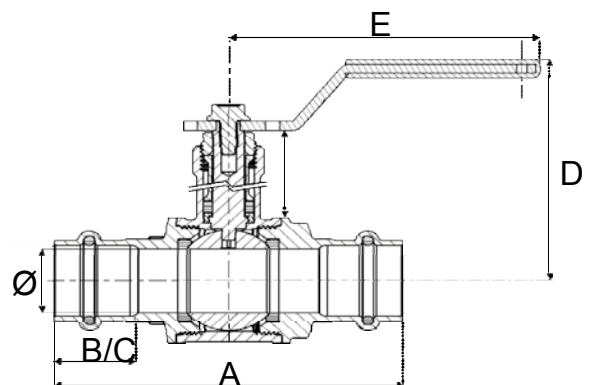
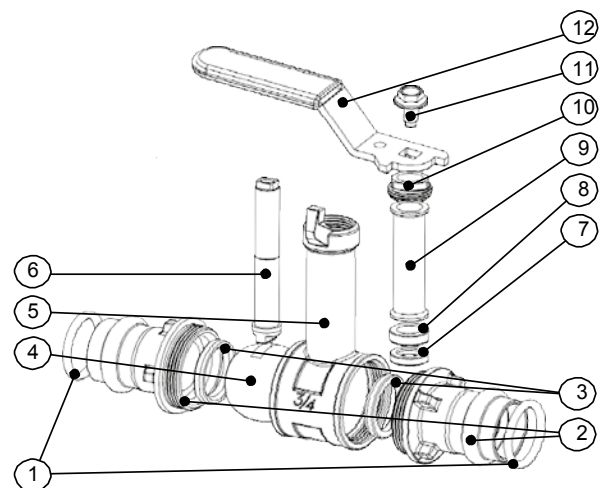


Product no.	Model	Crimping jaws-profile
4510169	15	M / V
4510170	18	M / V
4510171	22	M / V
4510172	28	M / V
4510173	35	M / V
4510174	42	V
4510175	54	V

No.	Designation	Material
1	O-ring	EPDM
2	Tapping	Red brass
3	Seat ring	PTFE
4	Ball	Zinc-resistant brass
5	Valve housing	Red brass
6	Lower spindle nut	Zinc-resistant brass
7	Friction ring	Zinc-resistant brass
8	Gasket	PTFE
9	Spacer sleeve	Brass
10	Nut	Brass
11	Screw	Corrosion-treated steel
12	Handle	Plastic-coated, corrosion-treated steel

Dimensions and weight for AL 5020L

Ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
15	85	22	22	98,2	91,5	240
18	87	22	22	98,2	91,5	271
22	100	23	23	101,7	91,5	365
28	116	25	25	110,6	126,5	590
35	128	31	31	116,0	126,5	896
42	152	36	36	132,3	141,5	1 389
54	177	44	44	140	141,5	2 079



Tap valves

Tap valve for hot and cold tap water

Tap valve in nickel-plated brass with aluminium lever handle.
With hose screw.

Size range: G15 - G20

Pressure class: PN16

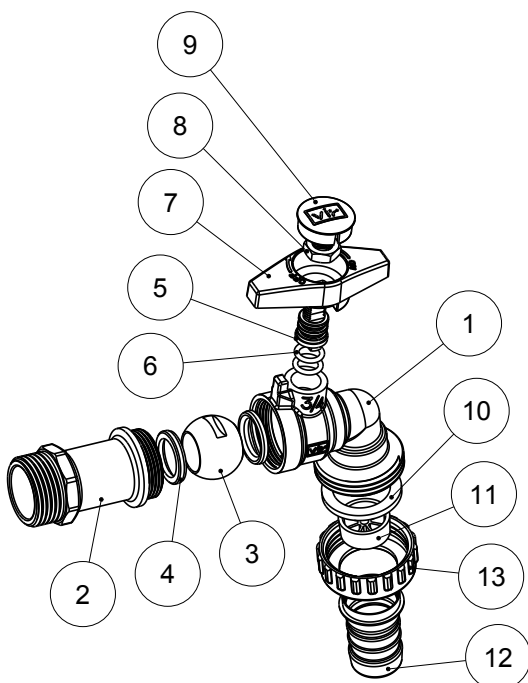
Working temperature 0 °C – +95 °C

For installation with hot and cold tap water.

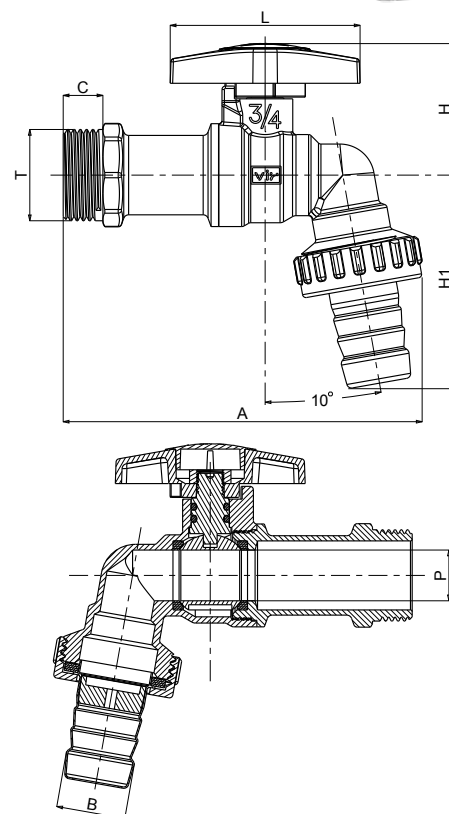
Can be installed with own water.

RISE type approval no: SC0591-16.

Product no.	Model
4501234	G15
4501362	G20



No.	Designation	Material
1	Hose nipple	Nickel/brass
2	Hose nut	Nickel/brass
3	Filter	Plastic
4	Gasket	NBR 70SH
5	Housing	Nickel/brass
6	Thread piece	Nickel/brass
6b	Spring ring	Stainless steel



No.	Designation	Material
6c	Insert	POM
7	Reg. office	PTFE
8	Ball	Chrome/brass
9	O-ring	NBR 70SH
10	Neck	Brass
11	Screw	Zinc-plated steel
12	Lever handle	Aluminium

Dimensions and weight

DN	G	E (mm)	A (mm)	D (mm)	P (mm)	HA (mm)	HB (mm)	L (mm)	HF (mm)	F (mm)	Weight (gram)
15	1/2"	14,7	86,0	12,0	10,0	50	35	81	34	46	104
20	3/4"	20,0	104,0	11,5	14,7	62	45	91	38	55	260

Certified by RISE and
PBL approved.



Ball valves, accessories



Clamp ring with nut

Product no.	Model	Product no.	Model
110100	12	11 01 08	28
110102	15	11 01 10	35
110104	18	11 01 12	42
110106	22	11 01 14	54



Clamp ring

Product no.	Model
86510	12
86511	15
86512	18
86513	22



Spindle extender for
AL 3600, 3603, 3605, 3610, 3613

Product no.	Modell
4511219	DN8 – DN10
4511220	DN15 – DN20
4511218	DN25 – DN32
4511226	DN40 – DN50



Soft-closing handle for AL3611, AL3614

Product no.	Model
4503209	DN40 – DN50



Propeller handle

Product no.	Model
Blue lever handle	
4511221	DN8 – DN10
4511222	DN15 – DN20
4511223	DN25 – DN32
4511224	DN40 – DN50
Red lever handle	
519 71 41	DN8 – DN10
519 71 42	DN15 – DN20
519 71 43	DN25 – DN32
519 71 44	DN40 – DN50



Stainless steel handles
Fits all Altech ball valves

Product no.	Model
4503216	DN8 – DN10
4503217	DN15 – DN20
4503218	DN25 – DN32
4503219	DN40 – DN50



Locking mechanism
Fits all Altech ball valves

Product no.	Model
4503210	DN8 – DN10
4503211	DN15 – DN20
4503212	DN25 – DN32
4503213	DN40 – DN50

Service Recommendations

TECKENFÖRKLARING	
S	Suitable
NS	Not suitable
P.T.F.E.	BS6564: Part 2
Bronze	BS 1400 LG2 UNI 7013
Brass	P-Cu Zn40 Pb2 UNI-5705 G-Cu Zn38 Pb2 UNI-5035
DZR Brass	BS-2874 CZ 132 (DZR) BS-2872 CZ 132 (DZR)

Service	MATERIAL			
	P.T.F.E	Bronze	Brass	DZR Brass
Acetate Solvents	-	S	S	S
Acetic Acid - Dilute	S	S	NS	NS
Acetic Acid - Conc	S	S	NS	NS
Acetic Anhydride	S	NS	NS	NS
Acetone	S	S	S	S
Acetylene-Pure and Dry	S	NS	NS	NS
Alcohol, Amyl	S	S	S	S
Alcohol, Ethyl	S	S	S	S
Alcohol, Methyl	S	S	S	S
Alkaline Brines	-	-	NS	NS
Aluminium Sulphate-Alum	S	NS	NS	NS
Ammonia-Anhydrous	S	NS	NS	NS
Ammonium Chloride (Crude)	S	NS	NS	NS
Ammonium Hydroxide	S	NS	NS	NS
Ammonium Nitrate	S	NS	NS	NS
Ammonium Phosphate	S	NS	NS	NS
Ammonium Sulphate	S	NS	NS	NS
Amyl Acetate	S	-	NS	NS
Aniline; Aniline Oil	S	NS	NS	NS
Aniline Dyes	S	-	NS	NS
Asphalt	S	S	S	S
Barium Chloride	S	-	NS	NS
Barium Hydroxide	S	NS	NS	NS
Barium Sulphate	S	S	S	S
Barium Sulphide	S	NS	NS	NS
Beer	S	S	NS	S
Beet Sugar Liquors	S	S	NS	S
Benzine	S	S	S	S
(Coal Tar & Pet. Naphta) Benzoic Acid	-	-	NS	NS
Black Liquor	(See Sulfate Liquors)			
Bleaching Solutions	S	-	NS	NS
Borax	S	NS	NS	NS
Bordeaux Mixture	-	-	NS	NS
Boric Acid	S	S	NS	S
Brines	S	NS	NS	NS
Bromine Solution	S	NS	NS	NS
Butane	S	S	S	S
Butanol, Butyl Alcohol	-	S	S	S
Calcium Bisulfite	S	NS	NS	NS

Service	MATERIAL			
	P.T.F.E	Bronze	Brass	DZR Brass
Calcium Chloride	S	S	NS	S
Calcium Hydroxide	S	S	NS	S
Calcium Hypochlorite	-	NS	NS	NS
Calcium Sulfate	S	S	NS	S
Cane Sugar Liquors	-	-	NS	S
Carbolic Acid ("Phenol")	S	-	NS	NS
Carbon Dioxide (Dry Gas)	S	S	S	S
Carbon Disulfide	S	-	NS	NS
Carbonic Acid	-	-	NS	S
Carbon Tetrachloride	S	S	NS	S
Caustic Soda & Caustic Potash	S	NS	NS	NS
Cellosolve, Ethylene Glycol	-	S	S	S
Chlorinated Solvents-Dry	S	S	S	S
Chlorine Gas-Dry	-	S	S	S
Chlorine Gas-Wet	S	NS	NS	NS
Chromic Acid, Dilute	S	NS	NS	NS
Citric Acid	S	NS	NS	NS
Castor Oil	(See Vegetabable oils)			
Coal Tar Solvents-Dry	-	S	S	S
Coke Oven Gas	-	NS	NS	NS
Copper Cyanide	-			
Copper Sulfate	S	NS	NS	NS
Core Oil	-	S	S	S
Corn Oil	-	S	S	S
Cotton seed Oil	-	-	S	S
Creosote; Cresols	-	-	NS	NS
Cresylic Acid	S	NS	NS	NS
Diesel Oil	-	S	-	NS
Drying Oils	-	-	S	S
Edible Oils	(See Vegetabable oils)			
Epsom Salts	(See Magnesium Sulfate)			
Ethane	-	-	S	S
Ethers	S	S	S	S
Ethyl Acetate	(See Acetate Solvents)			
Ethyl Chloride-Pure	S	S	S	S
Ethyl Sulfate	S	S	S	S
Fatty Acids	(See Oleic Acids, Palmiatic Acids)			
Ferric Chloride	S	NS	NS	NS
Ferric Sulfate	S	NS	NS	NS
Ferrous Sulfate	S	NS	NS	NS
Formaldehyde	S	S	NS	NS
Formic Acid	S	NS	NS	NS
Fruit Juices	S	S	NS	NS
Furfural	S	S	S	S
Fuels, Jet	S	S	S	-
Fuel Oils	S	S	S	S
Gallic Acid	S	S	S	S

Service	MATERIAL			
	P.T.F.E	Bronze	Brass	DZR Brass
Gases, Fuel or Hydrocarbon	S	S	NS	NS
Gases, Inert	S	S	S	S
Gasoline, Aviation	S	S	NS	NS
Gasoline, Refined	S	S	S	S
Gasoline, Unleaded	S	S	-	-
Gelatine	S	S	S	S
Glucose	S	S	S	S
Glue	S	S	S	S
Glycerine, Glicerol	S	S	S	S
Glycols	S	NS	S	S
Green Liquors	(See Sulfate Liquors)			
Helium	S	NS	NS	NS
Hydrochlorid Acid Muriatic Diluite (Cold)	S	NS	NS	NS
Hydrocyanic Acid	S	NS	NS	NS
Hydrofluoric Acid (Cold)	-			
Hydrogen Gas	S	S	S	S
Hydrogen Peroxide	S	NS	NS	NS
Hydrogen Sulfide, Dry	S	NS	NS	NS
Hydrogen Sulfide, Wet	S	NS	NS	NS
Hypo	(See Sodium Thiosulfate)			
Iodine Solution	S	-	NS	NS
Kerosene	S	S	S	S
Lacquers	S	S	S	S
Lactic Acid Dilute	S	NS	NS	NS
Lime Sulfur	S	NS	NS	NS
Linseed Oil	(See Vegetabable oils)			
Lubricating Oils	S	S	S	S
Lye	(See Sodium Hydroxide)			
Magnessium Chloride	S	S	NS	S
Magnessium Hydroxide	S	S	NS	S
Magnessium Sulfate	S	S	NS	S
Maleic Acid	S	NS	NS	NS
Mercuric Chloride	S	-	NS	NS
Mercury	S	NS	NS	NS
Methane	S	S	S	S
Methanol	-	-	S	S
Methyl Chloride, Dry	S	S	S	S
Milk	S	NS	NS	NS
Molasses	S	NS	NS	NS
Monochlorobensene-Dry	S	S	S	S
Muriatic Acid	(See Hydrochloric Acid)			
Naptha, Coal Tar, Bensene, Bensol	S	S	S	S
Natural Gas, Refined	S	S	NS	NS
Natural Gas, Sour	-	NS	NS	-
Neon	-	-	S	S
Nickel Chloride, Dilute	S	-	-	NS
Nickel Sulfate	S	S	NS	S

Service	MATERIAL			
	P.T.F.E	Bronze	Brass	DZR Brass
Nitre Cake	(See Sodium Bisulfate)			
Nitric Acid, Dilute	S	NS	NS	NS
Nitrobenzene	S	S	S	S
Nitrogen	S	S	S	S
Oleic Acids	S	NS	NS	NS
Oxalic Acid	S	NS	NS	NS
Oxygen	S	S	S	S
Palmiatic Acids	S	NS	NS	NS
Pentane	S	S	S	S
Petroleum Oils & Solvents	-	-	S	S
Phenol	S	NS	NS	NS
Phosphoric Acid, Dilute	S	NS	NS	NS
Phthalic Acid	S	-	NS	NS
Picric Acid, Dilute	S	NS	NS	NS
Potassium Carbonate	S	S	NS	S
Potassium Chloride	S	S	NS	S
Potassium Cyanide	S	NS	NS	NS
Potassium Dichromate	-	NS	NS	NS
Potassium Hydroxide	S	NS	NS	NS
Potassium Nitrate	-	S	NS	NS
Potassium Permanganate	S	S	NS	NS
Potassium Sulphate	S	S	NS	S
Potassium Sulphide	S	NS	NS	NS
Potassium Sulphite	S	NS	NS	NS
Printing Inks	S	NS	S	S
Producer Gas	S	S	NS	S
Propane	S	S	S	S
Propyl Alcohol	-	S	S	S
Pyridine	S	S	S	S
Pyrogalllic Acid: Pyrogalloi	S	S	NS	NS
Pyroligneous Acid	(See Acetic Acid)			
Red Oil	(See Oleic Acids)			
Return Condensate	-	S	NS	S
Rosin, Crude	S	-	NS	NS
Salammoniac	(See Ammonium Chloride)			
Salicylic Acid	S	S	NS	NS
Sewage	S	NS	NS	NS
Shellac	S	-	S	S
Sludge Acids	-	S	NS	NS
Soap	S	S	S	S
Sodium Acid Sulfate; Sodium Bisulfate	S	-	NS	S
Sodium Bicarbonate	S	S	NS	S
Sodium Carbonate, Soda Ash	S	NS	NS	NS
Sodium Chloride	S	S	NS	S
Sodium Cyanide	S	NS	NS	NS
Sodium Hydroxide	S	NS	NS	NS
Sodium Hypochloride, Dilute	S	NS	NS	NS

Service	MATERIAL			
	P.T.F.E	Bronze	Brass	DZR Brass
Sodium Hyposulfite: Hypo	(See Sodium Thiosulfate)			
Sodium Metaphosphate	-	S	NS	S
Sodium Nitrate, Dilute	-	NS	NS	NS
Sodium Perborate	S	-	NS	NS
Sodium Peroxide, solution	S	NS	NS	NS
Sodium Phosphate; 5 %	S	NS	NS	NS
Sodium Silicate, Dilute	S	S	NS	S
Sodium Sulfate	S	S	NS	S
Sodium Sulfide	S	NS	NS	NS
Sodium Thiosulfate	S	NS	NS	NS
Soja (Soy) Bean Oil	(See Vegetable oils)			
Stearic Acid	-	S	S	S
Steam (below 250 oF)	-	S	-	-
Sulfate Liquors (Green)	-	NS	NS	NS
Sulfur (Molten)	-	NS	NS	NS
Sulfur Chloride	-	-	NS	NS
Sulfur Dioxide-Dry	-	S	S	S
Sulfur Trioxide	-	-	NS	NS
Sulfuric Acid, 95 % to 100 %	S	-	NS	NS
Sulfuric Acid, 75 % to 95 %	S	NS	NS	NS
Sulfuric Acid, 10 % to 75 %	S	NS	NS	NS
Sulfuric Acid, Fuming (oleum)	S	NS	NS	NS
Sulfurous Acid	S	S	NS	NS
Tannery Liquors	-	S	NS	NS
Tannic Acid	S	S	NS	NS
Tar	S	S	NS	S
Tartaric Acid	S	NS	NS	NS
Titanium Chloride-Dry	-	S	S	S
Toluene; Toluol	-	S	S	S
Trichloroethylene	S	S	S	S
Triethanolamine	S	-	NS	NS
Trisodium Phosphate (TSP)	-	-	NS	S
Turpentine	S	S	NS	S
Urea	S	-	NS	S
Varnish	S	S	NS	S
Vegetable Oils, Castor Oil	S	-	S	S
Vinegar	S	NS	NS	NS
Water-Fresh	S	S	S	S
Water-Salt	S	S	NS	S
Water-Mine Acide	S	NS	NS	NS
Whiskey	S	NS	NS	NS
White Liquor	S	-	NS	NS
Wine	S	S	NS	S
Zinc Chloride	S	NS	NS	NS
Zinc Sulfate	S	S	NS	S
Zylene; Xylol	-	S	S	S

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*Altech betyder noggrant utvalda produkter
med hög kvalitet till bra pris.*