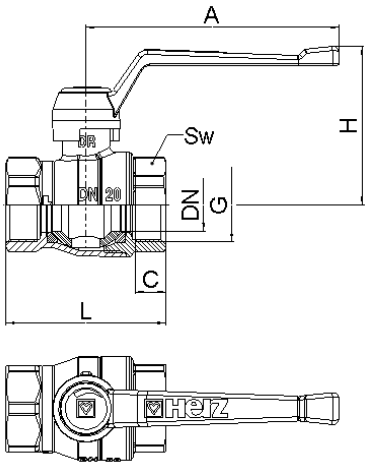
New ball valve

Data sheet for
1 2201 0X
Issue 0811



Dimension (mm)

Figure	Dimension:	PN	G	L	H	A	Sw	Sw
1 2201 01	DN15	25	G1/2"	51	53	90	25	25
1 2201 02	DN20	25	G3/4"	57	56	90	31	31
1 2201 03	DN25	25	G1"	73	73	135	39	39
1 2201 04	DN32	25	G1-1/4"	84	79	135	48	48
1 2201 05	DN40	25	G1-1/2"	99	93	180	55	55
1 2201 06	DN50	25	G2"	112	99	180	68	70

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin long, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

Technical data

Operating pressure:	see chart above under PN (20 °C)
Operating temperature:	from -30 to +150°C (water from -0,5 °C to +110°C -no steam)
Medium:	unaggresive type (water, oil, air…)

We reserve the right to make modifications in line with progress in engineering.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction and assembly

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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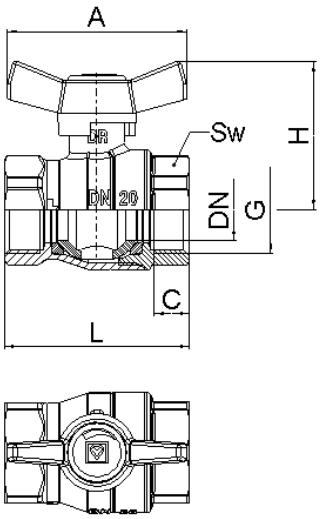
New ball valve

Data sheet for
1 2201 1X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	H	A	Sw	Sw
1 2201 11	DN15	25	G1/2"	51	42	55	25	25
1 2201 12	DN20	25	G3/4"	57	56	55	31	31
1 2201 13	DN25	25	G1"	73	57	75	39	39
1 2201 14	DN32	25	G1-1/4"	84	63	75	48	48

Construction

Body:	forged brass acc. EN 12420 , nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin short, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

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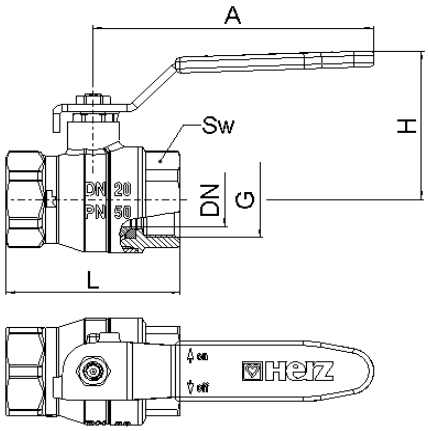
New ball valve

Data sheet for
1 2201 2X
Issue 0811



Dimension (mm)

Figure	Dim	PN	G	L	H	A	Sw
1 2201 21	DN15	25	G1/2"	51	48	90	25
1 2201 22	DN20	25	G3/4"	57	52	90	31
1 2201 23	DN25	25	G1"	73	63	135	39
1 2201 24	DN32	25	G1-1/4"	84	69	135	48
1 2201 25	DN40	25	G1-1/2"	99	85	180	55
1 2201 26	DN50	25	G2"	112	91	180	68

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel, Zn galvanized, plastic cover, red
Connections:	Thread acc. ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

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Medium:	unaggresive type (water, oil, air…)

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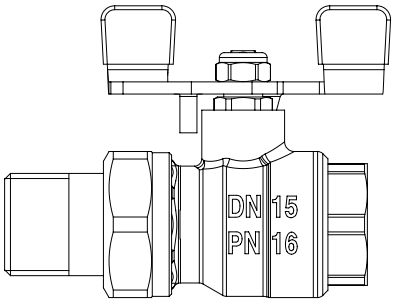
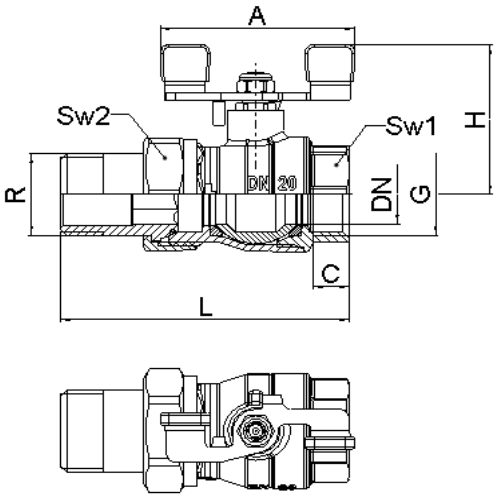
New ball valve

Data sheet for
1 2201 3X
Issue 0811





Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220131	DN15	25	G1/2"	51	10	45	60	25
1220132	DN20	25	G3/4"	57	11	48	60	31
1220133	DN25	25	G1"	73	14	65	85	39
1220134	DN32	25	G1-1/4"	84	16	71	85	48

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel short, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

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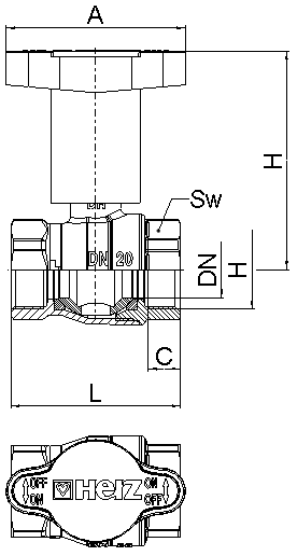
New ball valve plastic handle red / blue

Data sheet for
1 2201 4X
Issue 0811



Dimension (mm)

red	blue	Dimen-sion	PN	G	L	H	A	Sw
1 2201 41	1 2201 51	DN15	25	G1/2"	51	70	60	25
1 2201 42	1 2201 52	DN20	25	G3/4"	57	74	60	31
1 2201 43	1 2201 53	DN25	25	G1"	73	82	85	39
1 2201 44	1 2201 54	DN32	25	G1-1/4"	84	88	85	48
1 2201 45	1 2201 55	DN40	25	G1-1/2"	99	120	120	55
1 2201 46	1 2201 56	DN50	25	G2"	112	126	120	68

Construction

Body:	forged brass acc. EN 12420, nickel plated
Nut:	forged brass acc. EN 12420, nickel plated
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	plastic, red / blue
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

Operating pressure:	see chart above under PN (20 ˚C)
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Medium:	unaggresive type (water, oil, air…)

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Instruction and assembly

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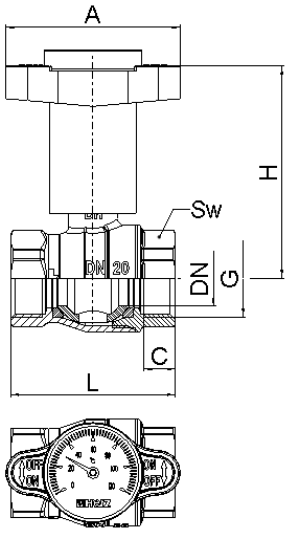
New ball valve plastic handle (red / blue) with thermometer

Data sheet for
1 2201 6X
Issue 0811



Dimension (mm)

red	blue	Dimen-sion	PN	G	L	H	A	Sw
1 2201 61	1 2201 71	DN15	50	G1/2"	51	70	60	25
1 2201 62	1 2201 72	DN20	50	G3/4"	57	74	60	31
1 2201 63	1 2201 73	DN25	50	G1"	73	82	85	39
1 2201 64	1 2201 74	DN32	40	G1-1/4"	84	88	85	48
1 2201 65	1 2201 75	DN40	25	G1-1/2"	99	120	120	55
1 2201 66	1 2201 76	DN50	25	G2"	112	126	120	68

Construction

Body:	forged brass acc. EN 12420, nickel plated
Nut:	forged brass acc. EN 12420, nickel plated
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	plastic, red / blue with thermometer
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

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Medium:	unaggresive type (water, oil, air…)

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Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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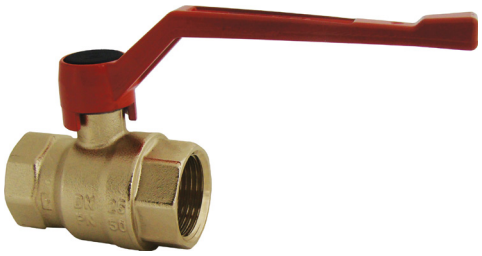
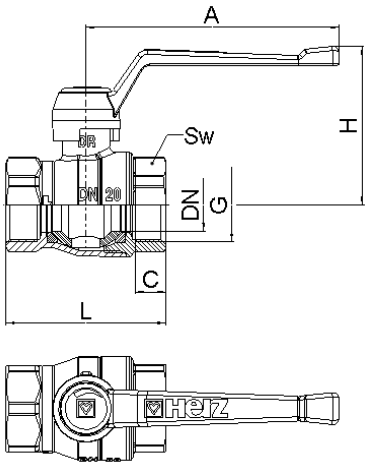
New ball valve DZR

Data sheet for
1 2206 0X
Issue 0811





Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220601	DN15	25	G1/2"	51	10	53	90	25
1220602	DN20	25	G3/4"	57	11	56	90	31
1220603	DN25	25	G1"	73	14	73	135	39
1220604	DN32	25	G1-1/4"	84	16	79	135	48
1220605	DN40	25	G1-1/2"	95	17	93	180	55
1220606	DN50	25	G2"	112	19	99	180	70

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin long, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

Technical data

Operating pressure:	see chart above under PN (20 °C)
Operating temperature:	from -30 to +150°C (water from -0,5 °C to +110°C -no steam)
Medium:	unaggresive type (water, oil, air…)

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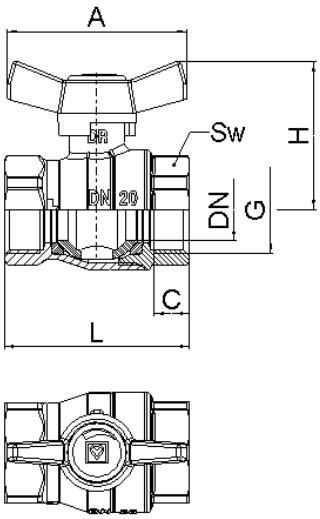
New ball valve DZR

Data sheet for
1 2206 1X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220611	DN15	25	G1/2"	51	10	42	55	25
1220612	DN20	25	G3/4"	57	11	46	55	31
1220613	DN25	25	G1"	73	14	57	75	39
1220614	DN32	25	G1-1/4"	84	16	63	75	48

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin short, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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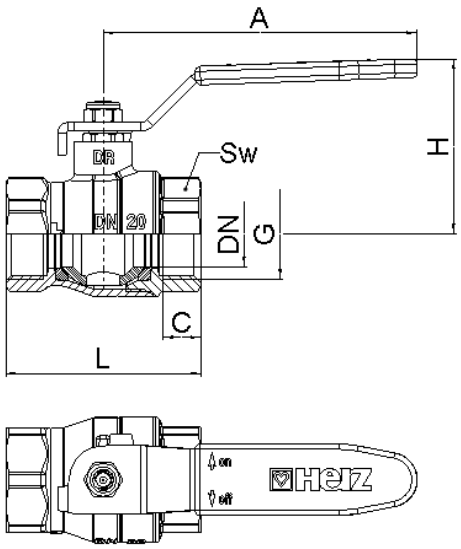
New ball valve DZR

Data sheet for
1 2206 2X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220621	DN15	25	G1/2"	51	10	48	90	25
1220622	DN20	25	G3/4"	57	11	51	90	31
1220623	DN25	25	G1"	73	14	63	135	39
1220624	DN32	25	G1-1/4"	84	16	69	135	48
1220625	DN40	25	G1-1/2"	95	17	85	180	55
1220626	DN50	25	G2"	112	19	91	180	70

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel long, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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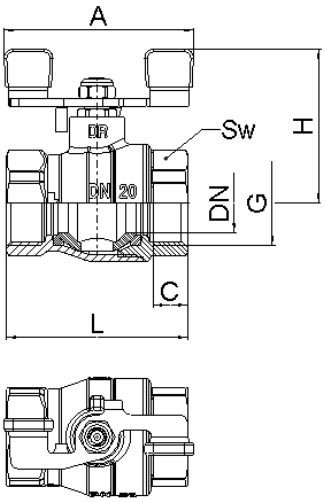
New ball valve DZR

Data sheet for
1 2206 3X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220631	DN15	25	G1/2"	51	10	45	60	25
1220632	DN20	25	G3/4"	57	11	48	60	31
1220633	DN25	25	G1"	73	14	65	85	39
1220634	DN32	25	G1-1/4"	84	16	71	85	48

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel short, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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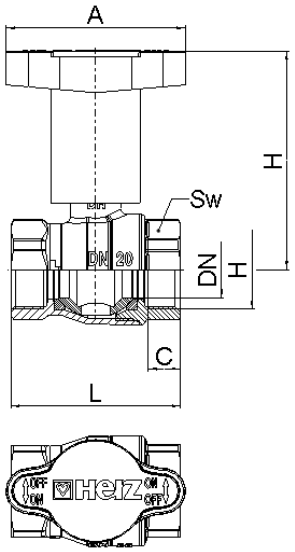
New ball valve DZR plastic handle red

Data sheet for
1 2206 4X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220641	DN15	25	G1/2"	51	10	70	60	25
1220642	DN20	25	G3/4"	57	11	73	60	31
1220643	DN25	25	G1"	73	14	82	85	39
1220644	DN32	25	G1-1/4"	84	16	88	85	48
1220645	DN40	25	G1-1/2"	95	17	120	120	55
1220646	DN50	25	G2"	112	19	126	120	70

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	plastic, red
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

We reserve the right to make modifications in line with progress in engineering.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

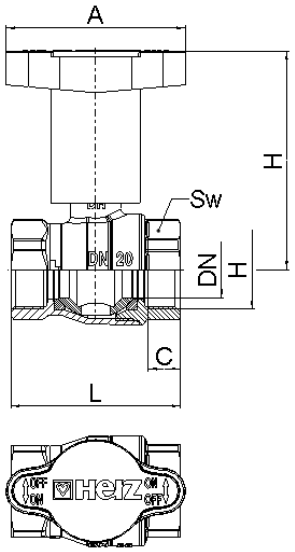
Instruction and assembly

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

New ball valve DZR plastic handle blue

Data sheet for
1 2206 5X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220651	DN15	25	G1/2"	51	10	70	60	25
1220652	DN20	25	G3/4"	57	11	73	60	31
1220653	DN25	25	G1"	73	14	82	85	39
1220654	DN32	25	G1-1/4"	84	16	88	85	48
1220655	DN40	25	G1-1/2"	95	17	120	120	55
1220656	DN50	25	G2"	112	19	126	120	70

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	plastic, blue
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

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Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

Application

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HERZ Armaturen
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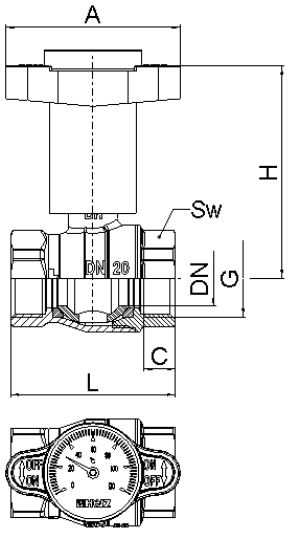
New ball valve DZR plastic handle red with thermometer

Data sheet for
1 2206 6X
Issue 0811



Dimension (mm)

Figure	Comm.co.	Dimen-sion	PN	G	L	C	H	A	Sw
1220661	KV 2542TRH	DN15	25	G1/2"	51	10	70	60	25
1220662	KV 2543TRH	DN20	25	G3/4"	57	11	73	60	31
1220663	KV 2544TRH	DN25	25	G1"	73	14	82	85	39
1220664	KV 2545TRH	DN32	25	G1-1/4"	84	16	88	85	48
1220665	KV 2546TRH	DN40	25	G1-1/2"	95	17	120	120	55
1220666	KV 2547TRH	DN50	25	G2"	112	19	126	120	70

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	plastic, red with thermometer
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

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Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
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HERZ Armaturen
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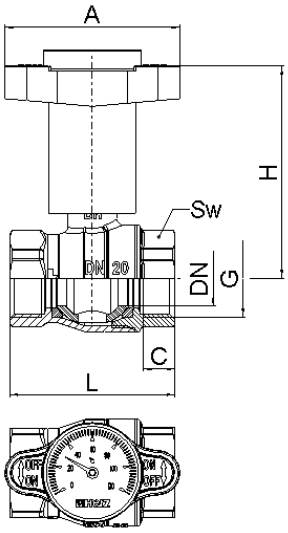
New ball valve DZR plastic handle blue with thermometer

Data sheet for
1 2206 6X
Issue 0811



Dimension (mm)

Figure	Dimension	PN	G	L	C	H	A	Sw
1220671	DN15	25	G1/2"	51	10	70	60	25
1220672	DN20	25	G3/4"	57	11	73	60	31
1220673	DN25	25	G1"	73	14	82	85	39
1220674	DN32	25	G1-1/4"	84	16	88	85	48
1220675	DN40	25	G1-1/2"	95	17	120	120	55
1220676	DN50	25	G2"	112	19	126	120	70

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	plastic, blue with thermometer
Connections:	connection thread acc. to ISO 228

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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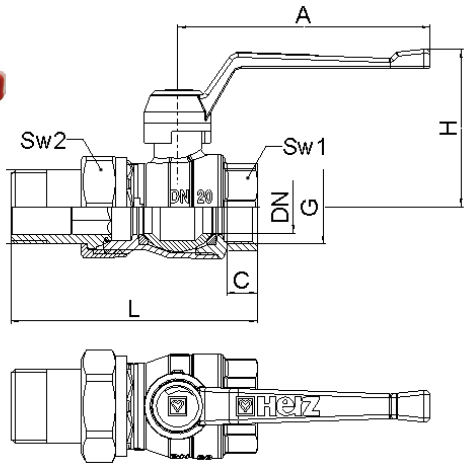
New ball valve silumin long handle, FXM

Data sheet for
1 2211 0X
Issue 0811



Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221101	DN15	16	G1/2"	R1/2"	75	10	53	90	25	30
1221102	DN20	16	G3/4"	R3/4"	88	11	56	90	31	36
1221103	DN25	16	G1"	R1"	106	14	73	135	39	46
1221104	DN32	16	G1-1/4"	R1-1/4"	123	16	79	135	48	52
1221105	DN40	16	G1-1/2"	R1-1/2"	142	17	93	180	55	60
1221106	DN50	16	G2"	R2"	166	19	99	180	70	75

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin long, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

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Medium:	unaggresive type (water, oil, air…)

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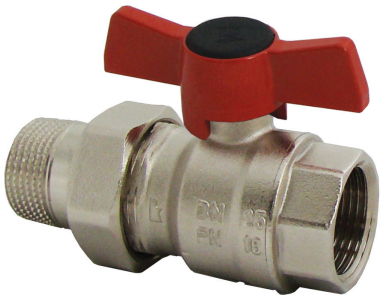
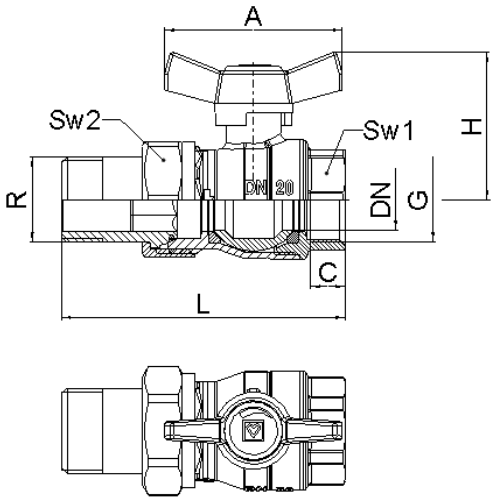
New ball valve silumin short handle, FXM

Data sheet for
1 2211 1X
Issue 0811





Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221111	DN15	16	G1/2"	R1/2"	75	10	42	55	25	30
1221112	DN20	16	G3/4"	R3/4"	88	11	46	55	31	36
1221113	DN25	16	G1"	R1"	106	14	57	75	39	46
1221114	DN32	16	G1-1/4"	R1-1/4"	123	16	63	75	48	52

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin short, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

We reserve the right to make modifications in line with progress in engineering.

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Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

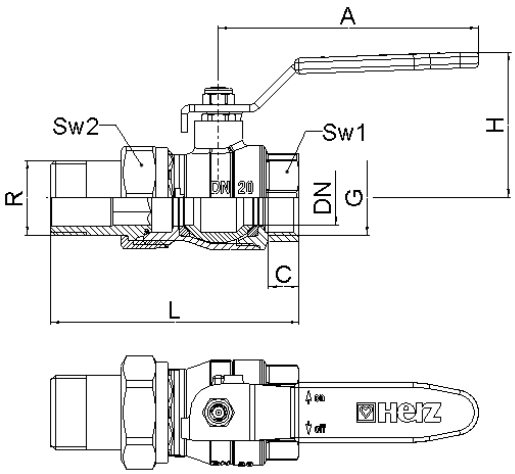
Instruction and assembly

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

New ball valve steel long handle, FXM

Data sheet for
1 2211 2X
Issue 0811



Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221121	DN15	16	G1/2"	R1/2"	75	10	48	90	25	30
1221122	DN20	16	G3/4"	R3/4"	88	11	51	90	31	36
1221123	DN25	16	G1"	R1"	106	14	63	135	39	46
1221124	DN32	16	G1-1/4"	R1-1/4"	123	16	69	135	48	52
1221125	DN40	16	G1-1/2"	R1-1/2"	142	17	85	180	55	60
1221126	DN50	16	G2"	R2"	166	19	91	180	70	75

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel long, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

HERZ Armaturen
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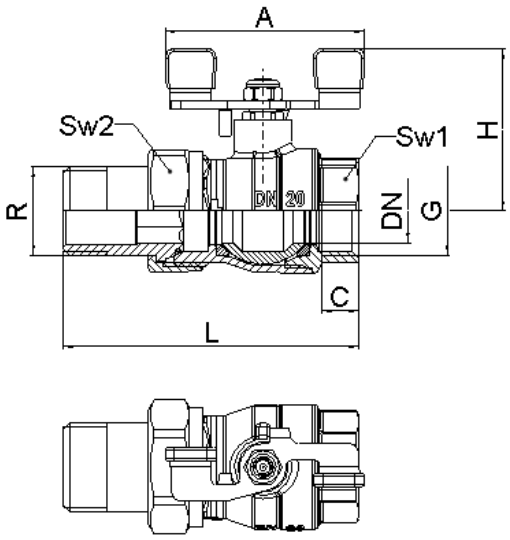
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

New ball valve steel long handle, FXM

Data sheet for
1 2211 3X
Issue 0811



Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221131	DN15	16	G1/2"	R1/2"	75	10	45	60	25	30
1221132	DN20	16	G3/4"	R3/4"	88	11	48	60	31	36
1221133	DN25	16	G1"	R1"	106	14	65	85	39	46
1221134	DN32	16	G1-1/4"	R1-1/4"	123	16	71	85	48	52

Construction

Body:	forged brass acc. EN 12420, nickel platted
Nut:	forged brass acc. EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel short, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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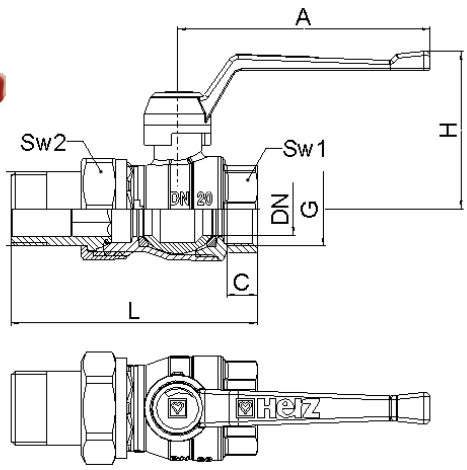
New ball valve DZR silumin long handle, FXM

Data sheet for
1 2216 0X
Issue 0811



Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221601	DN15	16	G1/2"	R1/2"	75	10	53	90	25	30
1221602	DN20	16	G3/4"	R3/4"	88	11	56	90	31	36
1221603	DN25	16	G1"	R1"	106	14	73	135	39	46
1221604	DN32	16	G1-1/4"	R1-1/4"	123	16	79	135	48	52
1221605	DN40	16	G1-1/2"	R1-1/2"	142	17	93	180	55	60
1221606	DN50	16	G2"	R2"	166	19	99	180	70	75

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin long, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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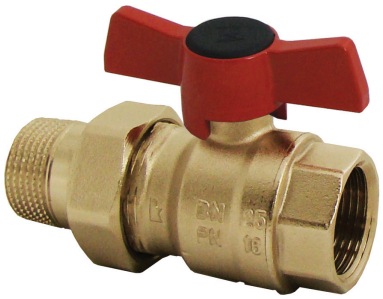
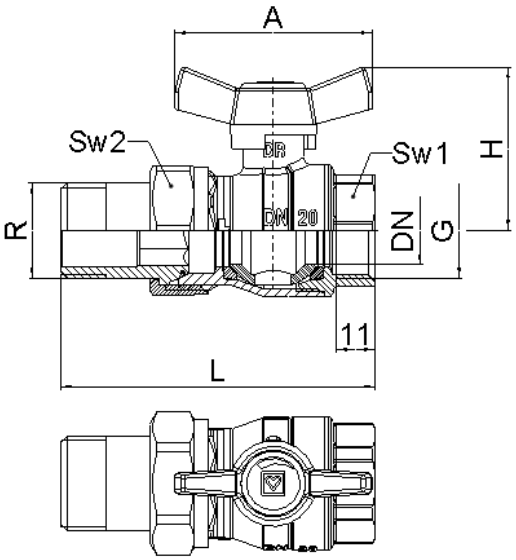
New ball valve DZR silumin short handle, FXM

Data sheet for
1 2216 1X
Issue 0811





Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221611	DN15	16	G1/2"	R1/2"	75	10	42	55	25	30
1221612	DN20	16	G3/4"	R3/4"	88	11	46	55	31	36
1221613	DN25	16	G1"	R1"	106	14	57	75	39	46
1221614	DN32	16	G1-1/4"	R1-1/4"	123	16	63	75	48	52

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	silumin short, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

We reserve the right to make modifications in line with progress in engineering.

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Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction and assembly

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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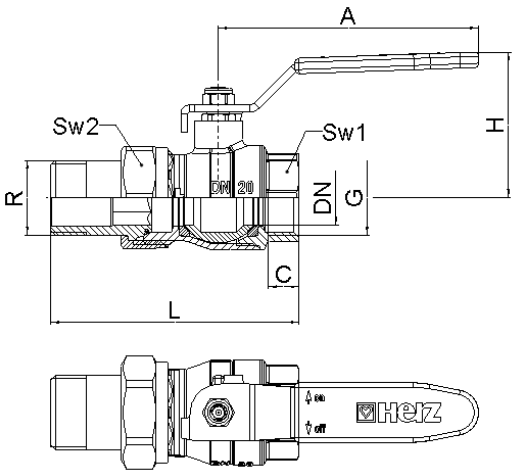
New ball valve DZR steel long handle, FXM

Data sheet for
1 2216 2X
Issue 0811



Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221621	DN15	16	G1/2"	R1/2"	75	10	48	90	25	30
1221622	DN20	16	G3/4"	R3/4"	88	11	51	90	31	36
1221623	DN25	16	G1"	R1"	106	14	63	135	39	46
1221624	DN32	16	G1-1/4"	R1-1/4"	123	16	69	135	48	52
1221625	DN40	16	G1-1/2"	R1-1/2"	142	17	85	180	55	60
1221626	DN50	16	G2"	R2"	166	19	91	180	70	75

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel long, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction and assembly

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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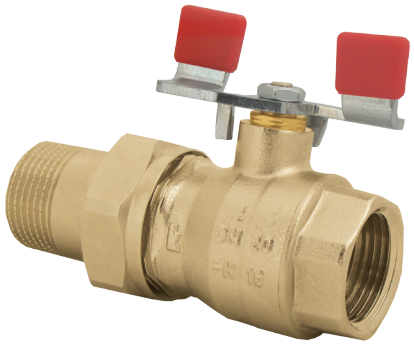
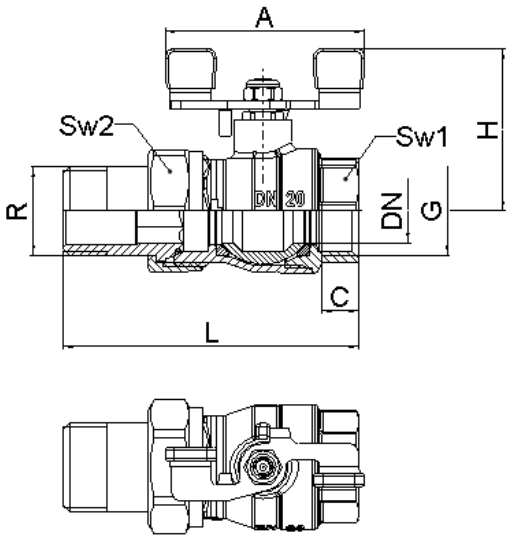
New ball valve DZR steel short handle, FXM

Data sheet for
1 2216 3X
Issue 0811





Dimension (mm)

Figure	Dim.	PN	G	R	L	C	H	A	Sw1	Sw2
1221631	DN15	16	G1/2"	R1/2"	75	10	45	60	25	30
1221632	DN20	16	G3/4"	R3/4"	88	11	48	60	31	36
1221633	DN25	16	G1"	R1"	106	14	65	85	39	46
1221634	DN32	16	G1-1/4"	R1-1/4"	123	16	71	85	48	52

Construction

Body:	forged brass acc. EN 12420
Nut:	forged brass acc. EN 12420
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel short, red
Holand con.:	brass
Conn. F:	Connection thread acc. To ISO 228
Conn. M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen

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Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium:	unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction and assembly

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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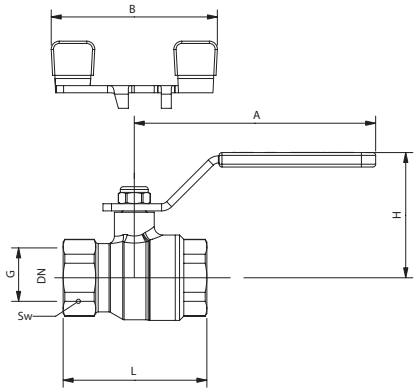
HERZ Ball Valve “EURO”

Datasheet
1 2902 XX
Issue 1003



Contents

Model	Dim.	PN	DN	G	L	H(A)	A	H(B)	B	Sw	Model
1 2902 01	1/2”	16	15	1/2”	50	44	85	42	60	25	1 2902 11
1 2902 02	3/4”	16	20	3/4”	57	48	85	46	60	31	1 2902 12
1 2902 03	1”	16	25	1”	73	57	115	62	85	39	1 2902 13
1 2902 04	1 1/4”	16	32	1 1/4”	84	61	115	66	85	48	1 2902 14

Construction

Body:	forged brass acc. EN 12420, nickel platted
End connection:	forged brass, nickel platted
Ball:	forged brass, machined to a microsmooth finish, chrome platted
Spindle:	brass
Handle:	steel, galvanic Zn plated, plastic cover, red
Sealing elements:	PTFE- polytetrafluorethylene (ball) and NBR 70 ShA (spindle)

Specification

Conections:	Male thread acc. ISO228
Maximum pressure:	up to 16 bar
Temperature range:	0°C - 110°C (water 0,5°C - 110°C, no steam)
Medium:	water, air, oil,... (non-agressive mediums)

Assembly and maintenance

Herz recommend the use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe in and with a suitable assembly tool (Sw) do not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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Application

The ball valve is used in installations as an isloation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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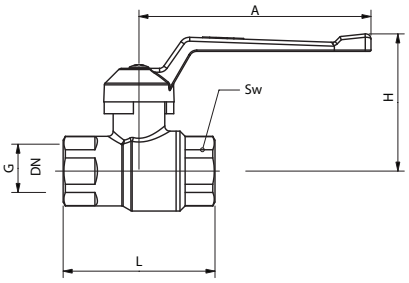
HERZ Ball Valve with red duraluminium handle

Datasheet
1 2190 0X
Issue 1003



Dimension

Model	Dim.	PN	DN	G	L	H	A	Sw
1 2190 01	1/2”	50	15	1/2”	59	53	90	25
1 2190 02	3/4”	50	20	3/4”	65	56	90	32
1 2190 03	1”	50	25	1”	80,5	77	135	41
1 2190 04	1 1/4”	40	32	1 1/4”	91	81	135	48
1 2190 05	1 1/2”	40	40	1 1/2”	104	95	180	55
1 2190 06	2”	40	50	2”	125,5	101	180	70

Construction

Body:	forged brass acc. EN 12420 (corrosive resistant)
Connection:	forged brass (corrosive resistant)
Ball:	forged brass, full bore, machined to a microsmooth finish, chrome platted
Spindle:	brass
Handle:	Aluminium alloy, red dipped
Sealing elements:	PTFE (ball and spindle)
Conections:	female thread acc. ISO228

Operating data

Maximum pressure:	Depends on dimensions (see table)
Maximum temperature:	150 °C (5 bar, water 0.5°C-110 °C, no steam)

Application

The ball valve is used in installations as an isolation valve.. For use in central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe into the valve and with a suitable assembly tool (Sw) do not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

Instruction for assembling and maintenance

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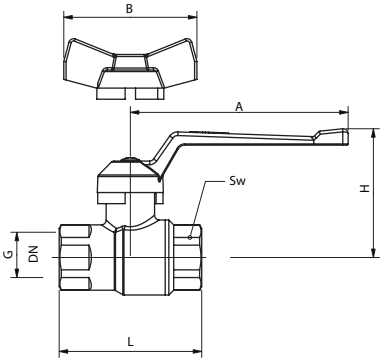
HERZ Ball Valve with red duraluminium handle

Datasheet
2100
Issue 0908



Dimensions

Model	Dim.	PN	DN	G	L	H	Sw	A
1 2100 09	1/4”	63	8	1/4”	43	44	17	60
1 2100 00	3/8”	63	10	3/8”	45	46	21	60
1 2100 01	1/2”	50	15	1/2”	59	53	25	90
1 2100 02	3/4”	50	20	3/4”	65	57	32	90
1 2100 03	1”	50	25	1”	80	71	41	135
1 2100 04	1 1/4”	40	32	1 1/4”	91	75	48	135
1 2100 05	1 1/2”	40	40	1 1/2”	104	93	55	180
1 2100 06	2”	40	50	2”	125	101	70	180

Model	Dim.	PN	DN	G	L	H	Sw	B
1 2100 19	1/4”	63	8	1/4”	43	41	17	40
1 2100 10	3/8”	63	10	3/8”	45	43	21	40
1 2100 11	1/2”	50	15	1/2”	59	49	25	55
1 2100 12	3/4”	50	20	3/4”	65	53	32	55
1 2100 13	1”	50	25	1”	80	56,5	41	75
1 2100 14	1 1/4”	40	32	1 1/4”	91	60	48	75

Construction

Body:	forged brass acc. EN 12420, nickel platted
End connection:	forged brass, nickel platted
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome platted
Spindle:	brass
Handle:	Aluminium alloy, plastic red dipped
Sealing elements:	PTFE- polytetrafluoretylen (ball and spindle)
Conections:	female thread acc. ISO228

Specification

Maximum pressure:	Depends on dimension (bar)
Maximum temperature:	150 °C (5 bar, water 0.5°C-110 °C, no steam)

We reserve the right to make modifications nessecitated by technical progress.

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Assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe in and with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

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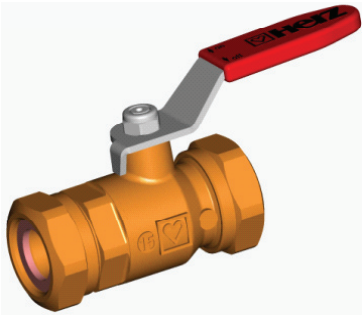
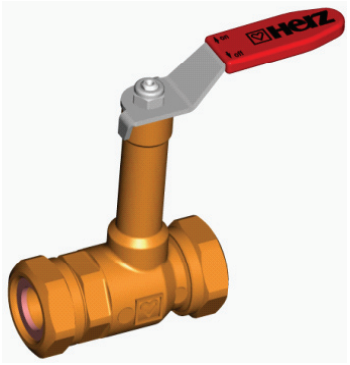
HERZ Ball valve with flat sealed connection

Datasheet
1 2190 7X-8X
Issue 0509





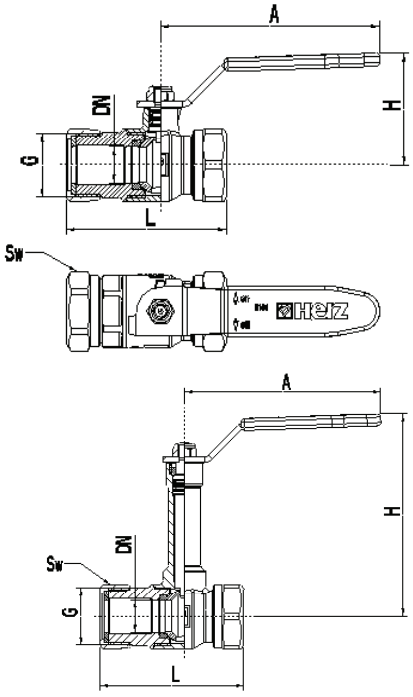


Figure Dimensions

Model	Dimension	PN	G	L	H	A	Sw
1 2190 71	DN15	16	G3/4"	67	47	90	30
1 2190 72	DN20	16	G1"	71	49	90	36
1 2190 73	DN25	16	G1-1/4"	82	61	135	46
1 2190 74	DN32	16	G1-1/2"	102	65	135	52
1 2190 75	DN40	16	G1-3/4"	112	84	180	60
1 2190 76	DN50	16	G2-3/8"	130	90	180	75
1 2190 81	DN15	16	G3/4"	67	94	90	30
1 2190 82	DN20	16	G1"	71	97	90	36
1 2190 83	DN25	16	G1-1/4"	82	110	135	46
1 2190 84	DN32	16	G1-1/2"	102	114	135	52
1 2190 85	DN40	16	G1-3/4"	112	135	180	60
1 2190 86	DN50	16	G2-3/8"	130	143	180	75

We reserve the right to make modifications nessecitated by technical progress.

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Design

Body:	forged DZR brass acc. EN 12420 (corrosive resistant)
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle:	brass
Handle:	steel, galvanic Zn plated with red plastic cover

Connections

Flat sealed connection

Sealing elements

Ball:	PTFE- polytetrafluoretylene
Spindle:	EPDM

Operating data

Maximum pressure:	16 bar
Maximum temperature:	120 °C (5 bar)

Application

The ball valve is used in installations as an isolation valve. For use in central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.The valves ends allow flat sealed connection.
Option of valve with extended spindle to allow for insulation lagging after installation.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Union nuts should be tightened with a suitable assembly tool (Sw) taking care not to over tighten. We recommend the valve is used in the index position, fully open or closed not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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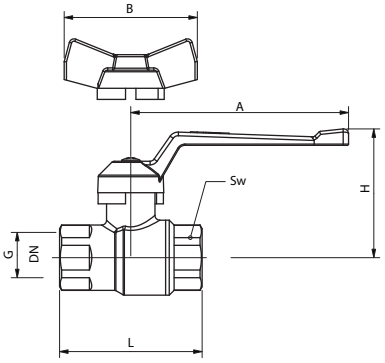
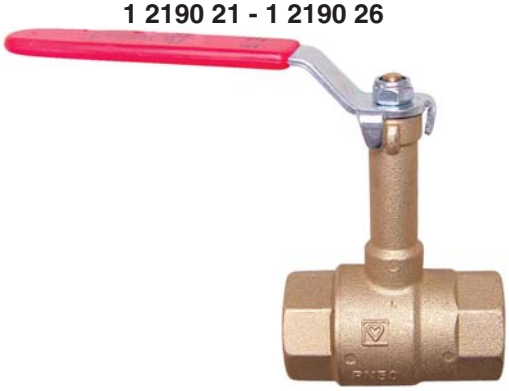
HERZ Ball Valve with red duraluminium handle

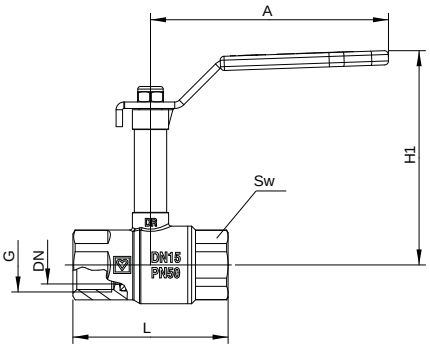
Datasheet
2190_01_26
Issue 0908

1 2190 01 - 1 2190 06



1 2190 21 - 1 2190 26





Model	Dim.	PN	DN	G	L	H	H1	A	Sw
1 2190 01	1/2”	50	15	1/2”	59	53		90	25
1 2190 02	3/4”	50	20	3/4”	65	56		90	32
1 2190 03	1”	50	25	1”	80,5	77		135	41
1 2190 04	1 1/4”	40	32	1 1/4”	91	81		135	48
1 2190 05	1 1/2”	40	40	1 1/2”	104	95		180	55
1 2190 06	2”	40	50	2”	125,5	101		180	70
1 2190 21	1/2"	25	15	1/2"	59		90	90	25
1 2190 22	3/4"	25	20	3/4"	64		93	90	32
1 2190 23	1"	25	25	1"	80.5		107	135	41
1 2190 24	1-1/4"	25	32	1-1/4"	91		111	135	48
1 2190 25	1-1/2"	25	40	1-1/2"	100		136	180	55
1 2190 26	2"	25	50	2"	118		144	180	68

Figure Dimension

We reserve the right to make modifications nessecitated by technical progress.

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Design

Body:	forged brass acc. EN 12420 (corrosive resistant)
Connection:	forged brass (corrosive resistant)
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome platted
Spindle:	brass
Handle:	spindle - Aluminium alloy, red dipped extended spindle - steel, galvanic Zn platted with red plastic cover
Sealing elements:	PTFE (ball and spindle)
Conections:	female thread acc. ISO228

Operating data

Maximum pressure:	Depends on dimension (bar)
Maximum temperature:	150 °C (5 bar, water 0.5°C-110 °C, no steam)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions. The valve (1 2190 21 - 1 2190 26) has an extended spindle to allow for insulation lagging after installation.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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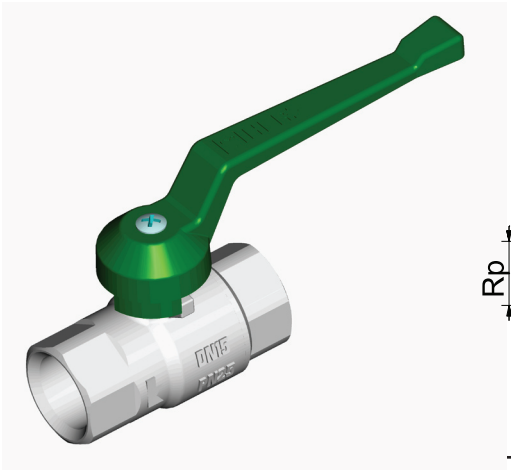
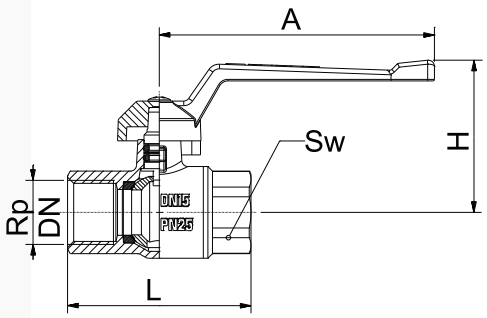
HERZ Ball Valve with green duralumuniun handle for potable water

Datasheet
2100
Issue 0908





Dimensions

Model	Dim.	DN	Rp	L	H	A	SW
2 2100 01	1/2”	15	1/2”	60	50	90	25
2 2100 02	3/4”	20	3/4”	68	52	90	31
2 2100 03	1”	25	1”	81	72	135	39
2 2100 04	1 1/4”	32	1 1/4”	95	75	135	48
2 2100 05	1 1/2”	40	1 1/2”	106	90	180	55
2 2100 06	2”	50	2”	127	97	180	68

Construction

Body:	pressed DZR brass acc. EN 12420 (corrosive resistant)
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome platted
Ball seals:	PTFE
Spindle seals:	EPDM 70 ShA
Handle:	Aluminium alloy, green dipped
Sealing elements:	PTFE (ball), EPDM (spindle)
Conections:	female thread acc. ISO7-1

Operating data

Maximum pressure:	25 bar
Maximum temperature:	85 °C

Application

For use in potable water istallations. For use where one expects durability even if the working conditions.
We recommend the valve used in the fully open or closed position, not in mid positions. Operate the valve at least twice per year.

We reserve the right to make modifications necessitated by technical progress.

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Assembly and maintenance

Spinning material, Teflon ribbon-sealing paste to seal the connection between the pipe and ball valve end connections. Screw pipe end into end connections with suitable assembly tool (Sw) not to exceed the maximum torque moment. We recommend to use Ball valve in fully open or closed, not in mid position. The ball valve doesn't need any special maintenance.

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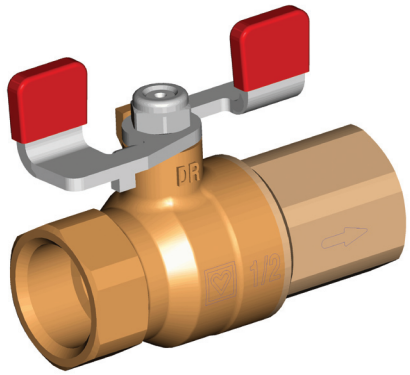
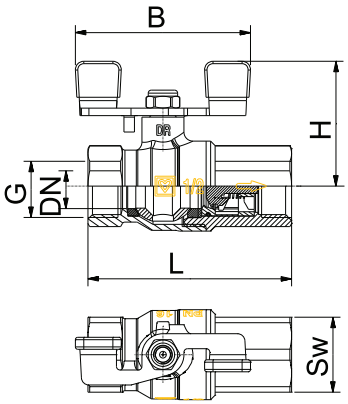
HERZ Ball Valve with hose spout and lever

Datasheet
2110
Valid 3006





Dimensions

Model	Dim.	DN	G	L	H	B	Sw
1 2110 01	1/2” (DN15)	15	1/2”	68	42	60	25

Design

Body:	forged brass acc. EN 12420
End connection:	forged brass
Ball:	full bore, foged brass, chrome platted
Spindle:	brass
Check valve:	POM (body), Silicon (O-ring)
Handle:	steel, galvanic Zn plated
Connections:	female thread acc. ISO G 228
Sealing elements:	PTFE - polytetrafluoretylen (ball), Spindle (EPDM)

Operating data

Max. pressure:	up to 16 bar
Max. temperature:	95°C

Application

Take care of arrow direction placed on body. Flow is possible only in this direction. Build in ball valve in accordiance with arrow orientation.

Use spinning material, Teflon ribbon, sealing paste to seal the connection between the pipe and ball valve end connections. Screw pipe end into end connections with suitable assembly tool (Sw) not to exceed the maximum torque moment (Mt=90Nm).

We recommend to use Ball valve in fully open or closed, not in mid position. Ball valve doesn't need special maintenance.

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Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

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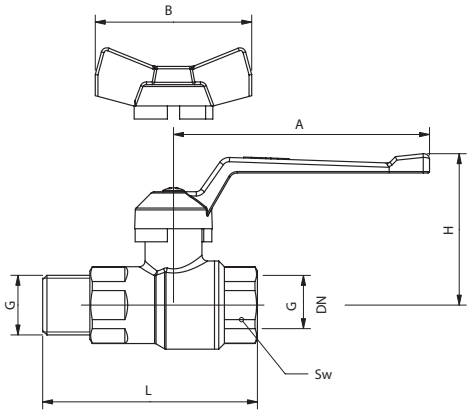
HERZ Ball valve with FxM connection

Datasheet
2160
Issue 0607



Dimensions

Model	Dim.	PN	DN	G	L	H	A	Sw	B	Model
1 2160 09	1/4”	63	8	1/4”	52	44	60	17	40	1 2160 19
1 2160 00	3/8”	63	10	3/8”	54	46	60	21	40	1 2160 10
1 2160 01	1/2”	50	15	1/2”	72	53	90	25	55	1 2160 11
1 2160 02	3/4”	50	20	3/4”	77	57	90	32	55	1 2160 12
1 2160 03	1”	50	25	1”	95	71	135	41	75	1 2160 13
1 2160 04	1 1/4”	40	32	1 1/4”	107	75	135	48	75	1 2160 14
1 2160 05	1 1/2”	40	40	1 1/2”	130	93	180	55		
1 2160 06	2”	40	50	2”	142	101	180	70		

Construction

Body: forged DZR brass acc. EN 12420 (corrosive resistant), nickel platted
Connections: forged brass (corrosive resistant), nickel platted
Ball: pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle: brass
Handle: aluminium alloy, plastic red dipped

Specification

Connections:	Female thread acc. ISO228
Sealing elements:	PTFE - polytetrafluoretylen (ball and spindle)
Maximum pressure:	depends on dimensions (see table)
Maximum temperature:	150°C (water 110°C)

Assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe in and with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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Application

The ball valve is used in installations as an isolation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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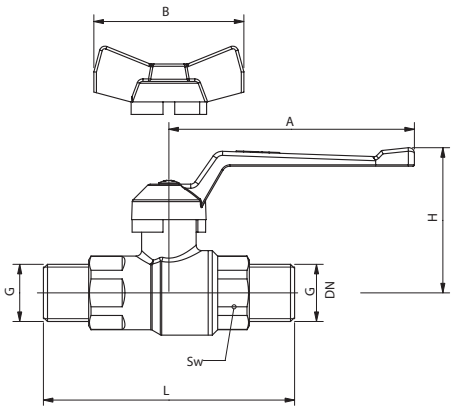
Ball valve with MxM connection

Datasheet
2180
Issue 0607



Dimensions

Model	Dim.	PN	DN	G	L	H	A	Sw	B	Model
1 2180 09	1/4”	63	8	1/4”	61	44	60	17	40	1 2180 19
1 2180 00	3/8”	63	10	3/8”	63	46	60	21	40	1 2180 10
1 2180 01	1/2”	50	15	1/2”	85	53	90	25	55	1 2180 11
1 2180 02	3/4”	50	20	3/4”	89	57	90	32	55	1 2180 12
1 2180 03	1”	50	25	1”	110	71	135	41	75	1 2180 13
1 2180 04	1 1/4”	40	32	1 1/4”	123	75	135	48	75	1 2180 14
1 2180 05	1 1/2”	40	40	1 1/2”	146	93	180	55		
1 2180 06	2”	40	50	2”	159	101	180	70		

Construction

Body:	forged DZR brass acc. EN 12420 (corrosive resistant), nickel platted
Connections:	forged brass (corrosive resistant), nickel platted
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle:	brass
Handle:	aluminium alloy, plastic red dipped

Specification

Connections:	Female thread acc. ISO228
Sealing elements:	PTFE - polytetrafluoretylen (ball and spindle)
Maximum pressure:	depends on dimensions (see table)
Maximum temperature:	150°C (water 110°C)

Assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe in and with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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Application

The ball valve is used in installations as an isolation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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HERZ Ball Valve with red duraluminium handle

Datasheet
2190
Issue 0908

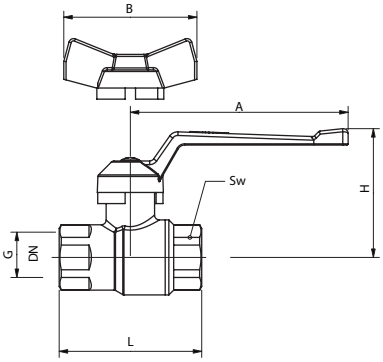

Figure Dimension

Model	Dim.	PN	DN	G	L	H	A	Sw
1 2190 01	1/2”	50	15	1/2”	59	53	90	25
1 2190 02	3/4”	50	20	3/4”	65	56	90	32
1 2190 03	1”	50	25	1”	80,5	77	135	41
1 2190 04	1 1/4”	40	32	1 1/4”	91	81	135	48
1 2190 05	1 1/2”	40	40	1 1/2”	104	95	180	55
1 2190 06	2”	40	50	2”	125,5	101	180	70

Design

Body:	forged brass acc. EN 12420 (corrosive resistant)
Connection:	forged brass (corrosive resistant)
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome platted
Spindle:	brass
Handle:	Aluminium alloy, red dipped
Sealing elements:	PTFE (ball and spindle)
Conections:	female thread acc. ISO228

Operating data

Maximum pressure:	Depends on dimension (bar)
Maximum temperature:	150 °C (5 bar, water 0.5°C-110 °C, no steam)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

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Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

Instruction for assembling and maintenance

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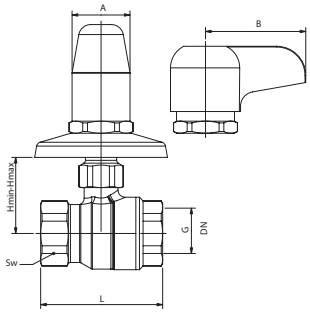
HERZ Ball valve for flush mounting with cap or handle

Datasheet
2202
Issue 0607



Dimensions

Model	Dim.	PN	DN	G	L	A	B	hmin	hmax	Sw
1 2202 01	1/2”	16	15	1/2”	59	24		25	40	25
1 2202 02	3/4”	16	20	3/4”	65	24		30	45	32
1 2202 11	1/2”	16	15	1/2”	59		40	25	40	25
1 2202 12	3/4”	16	20	3/4”	65		40	30	45	32

Construction

Body: forged brass acc. EN 12420
Ball: pressed brass, full bore, chrome plated
Ball seals: PFTE
Spindle: brass
Spindle seals: EPDM
Cap or handle: plastic, chrome plated

Specification

Connections:	Female thread acc. ISO228
Maximum pressure:	16 bar
Minimum temp.:	-10°C, water 0,5°C
Maximum temperature:	90°C (short period 110°C)

Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and ball valve. Screw the pipe end into the ball valve with a suitable assembly tool do not exceed the maximum torque. The ball valve doesn’t need special maintenance.

Application

The ball valve is used in water installations as an isolation valve. It’s also used in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if working conditions are exceeded.

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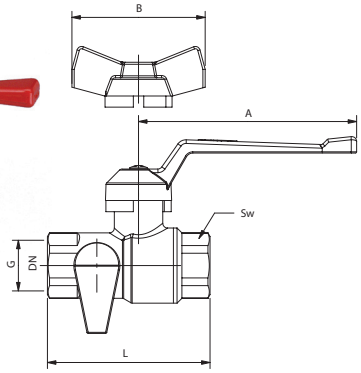
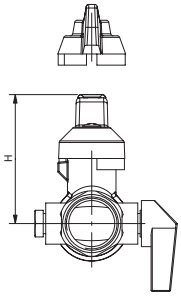
Шаровой кран с вентилем для выпуска воздуха

Нормаль
2402
Издание 0607





Габаритные размеры

Артикул	Размер	PN	DN	G	Gh	L	H	Sw	A	B	Артикул
1 2402 01	1/2″	40	15	1/2″	1/8″	75	46	26	90	55	1 2402 11
1 2402 02	3/4″	40	20	3/4″	1/8″	80	48	32	90	55	1 2402 12
1 2402 03	1″	40	25	1″	1/8″	90	72	41	135	75	1 2402 13
1 2402 04	1 1/4″	40	32	1 1/4″	1/8″	110	75	50	135	75	1 2402 14
1 2402 05	1 1/2″	25	40	1 1/4″	1/8″	106	85	55	182		

Исполнение

Корпус:	латунь согласно EN 12420, никелированная
Муфта:	латунь согласно EN 12420, никелированная
Шар:	латунь, хромированная
Уплотнение шара:	PTFE
Шпиндель:	латунь
Уплотнение шпинделя:	NBR 70ShA
Спускной вентиль:	PVC
Рукоятка:	алюминиевый сплав с красным полимерным покрытием

Условия эксплуатации

Муфта:	Внутренняя резьба согласно ISO 228
Максимальное давление:	40 бар (зависит от температуры)
Минимальная температура:	-10°C
Максимальная температура:	90°C (на короткий период 110°C)

Монтаж и особенности обслуживания

ГЕРЦ рекомендует использовать тефлоновую ленту, уплотнительную пасту между трубой и шаровым краном. Монтаж производить только предназначенным для монтажа инструментом (Sw), не превышая максимальный крутящий момент. Шаровой кран следует применять либо в полном открытом или в закрытом положении, но не в промежуточном. По крайней мере дважды в год надлежит производить поворот шарового крана.

Изменения вносятся по мере технического совершенствования

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Применение

Шаровой кран может быть использован как запорный кран в замкнутых отопительных системах. Используется также в центральных отопительных системах, энергетических системах и в различных инженерных системах. Используется даже в тех случаях, когда рабочии параметры, кратковременно, могут быть превышены. Воздухоотводный вентиль может быть использован для слива.

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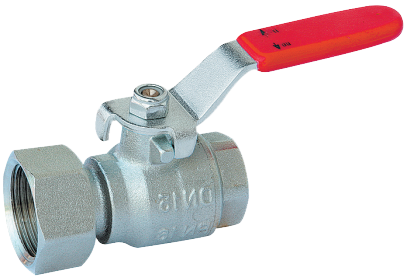
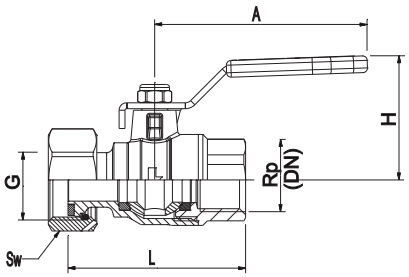
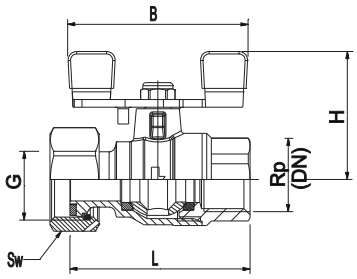
HERZ Ball Valve with free moving nut

Datasheet
2442
Issue 0908







Dimensions

Model	Dimension	DN	G	Rp	L	H	A	B	Sw
1 2442 01	1/2”	15	3/4”	1/2”	54	42	70	58	30
1 2442 02	3/4”	25	3/4”	3/4”	58	42	70	58	30

Construction

Body:	pressed brass acc. EN 12420, nickel plated
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Ball seals:	PTFE
Spindle seals:	EPDM 70 ShA
Handle:	steel, galvanic Zn plattd, plastic cover

Specification

Conections:	Female thread acc. ISO228 (G), ISO7-1 (Rp)
Sealing elements:	PTFE (ball), EPDM (spindle)
Maximum pressure:	16 bar
Maximum temperature:	85°C (5 bar, water 0,5°C-110°C short period, no steam)

Assembly and maintenance

Herz recommend the use of spinning material, Teflon ribbon-sealing paste to seal the connection between the pipe and ball valve and connections (Rp). Screw pipe end into the end connections with a suitable assembly tool do not to exceed the maximum torque moment. Use the ball valve in the fully open or closed position, not in mid position. The ball valve doesn’t need special maintenance.

HERZ Armaturen
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Application

The ball valve is used in installations as an isolation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if working conditions are exceeded.

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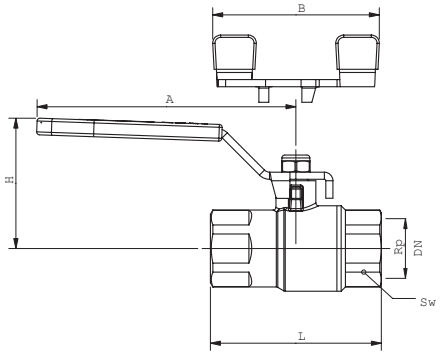
Brass Ball Valve

Datasheet
2453
Valid 03.2004



Dimensions

Model	Dim.	PN	DN	L	A	H	Sw	Weight (kg)	B	Model
1 2453 00	25	10	3/8”	50	70	40	21	0,145	60	1 2453 10
1 2453 01	25	15	1/2”	60	90	45	25	0,220	60	1 2453 11
1 2453 02	25	20	3/4”	68	90	48	31	0,320	60	1 2453 12
1 2453 03	25	25	1”	81	135	61	39	0,600	85	1 2453 13
1 2453 04	25	32	1 1/4”	95	135	65	48	0,960	85	1 2453 14
1 2453 05	25	40	1 1/2”	106	180	86	55	1,590		
1 2453 06	25	50	2”	127	180	92	68	2,550		

Construction

Body:	pressed brass Ms58
Ball:	brass Ms58, chrome plated
Ball seal:	PTFE (polytetrafluorethylene)
Spindle:	brass Ms58
Spindle seals:	NBR 70 ShA
Handle:	steel with plastic cover

Specification

Working temperature:	-10°C
Suitable for:	unaggressive fluids
Certification:	GOST (Russia), TSU (Slovakia), ZIK (Croatia)

Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and the ball. Screw the pipe and into the ball with a suitable a tool (Sw) not to exceed the maximum torque moment (Mt 1). The ball valve does not need special maintenance.

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Application

To be used in water installations as an isolation valve. It's also used in the central heating systems, energy systems, construction engineering and mechanical engineering. For use where one expects durability even if the working conditions are exceeded.

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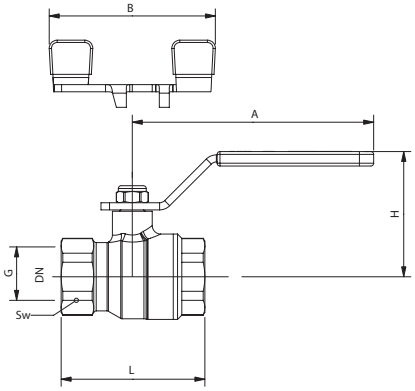
HERZ Ball Valve “EURO”

Datasheet
2902
Issue 0908



Contents

Model	Dim.	PN	DN	G	L	H(A)	A	H(B)	B	Sw	Model
1 2902 01	1/2”	16	15	1/2”	50	44	85	42	60	25	1 2902 11
1 2902 02	3/4”	16	20	3/4”	57	48	85	46	60	31	1 2902 12
1 2902 03	1”	16	25	1”	73	57	115	62	85	39	1 2902 13
1 2902 04	1 1/4”	16	32	1 1/4”	84	61	115	66	85	48	1 2902 14

Construction

Body:	forged brass acc. EN 12420, nickel platted
End connection:	forged brass, nickel platted
Ball:	pressed brass, machined to a microsmooth finish, chrome platted
Spindle:	brass
Handle:	steel, galvanic Zn platted, plastic cover
Sealing elements:	PTFE- polytetrafluoretylen (ball) and NBR 70 ShA (spindle)

Specification

Conections:	Male thread acc. ISO228
Maximum pressure:	up to 16 bar
Temperature range:	0°C - 110°C (water 0,5°C - 110°C, no steam)
Medium:	water, air, oil,... (non-agressive mediums)

Assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe in and with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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Application

The ball valve is used in installations as an isloation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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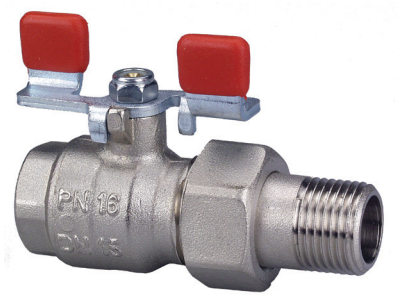
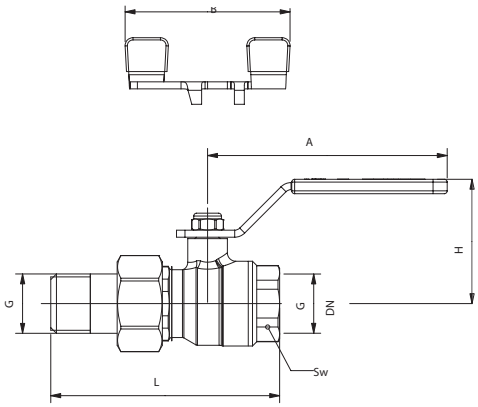
Ball Valve EURO with tailpiece (O-Ring)
steel locking handle or lever

Datasheet
2911
Issue 0607





Dimensions

Model	Dim.	PN	DN	G	R	L	H	A	B	Sw1	Sw2
1 2911 01	1/2”	16	15	1/2”	1/2”	77	44	85		30	25
1 2911 02	3/4”	16	20	3/4”	3/4”	89	48	85		36	31
1 2911 03	1”	16	25	1”	1”	106	57	115		46	39
1 2911 11	1/2”	16	15	1/2”	1/2”	77	60		42	30	25
1 2911 12	3/4”	16	20	3/4”	3/4”	89	60		42	36	31
1 2911 13	1”	16	25	1”	1”	106	85		63	46	39

Construction

Body:	pressed brass acc. EN 12420, nickel plated
Ball:	pressed brass, full bore, chrome plated
Ball seals:	PTFE
Spindle:	brass
Spindle seals:	NBR 70ShA
Tail seal:	EPDM 80ShA
Handle:	steel with plastic cover

Specification

Connections:	Female/Male thread acc. ISO228
Maximum pressure:	16 bar
Maximum temperature:	90°C (short period 110°C)
Minimum temperature:	-10°C, water 0,5°C
Medium:	unaggressive type (water, oil, air,...)

Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and ball valve.

Screw the pipe into ball valve with suitable assembly tool not to exceed the maximum torque. Ball valve does not need special maintenance.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

Application

The ball valve is used in pipe installations an isolation valve. It's used in the central heating systems, energy systems, construction engineering and mechanical engineering. We use it in all places where expects durability even if working conditions are exceeded.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
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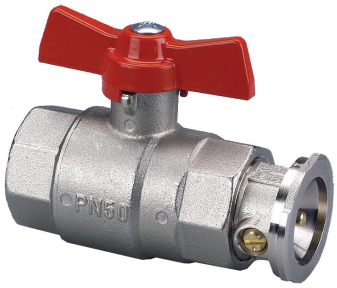
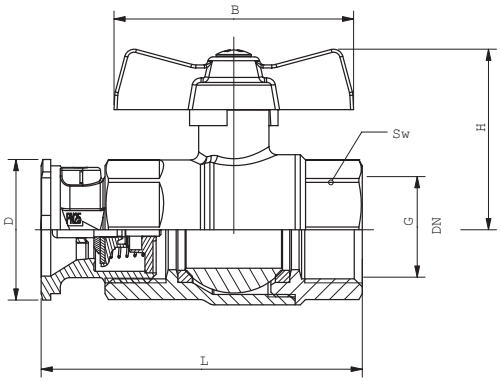
Ball valve for pumps with non-return valve

Datasheet
2268
Issue 0607





Dimensions

Model	Dimension	PN	DN	G	L	H	A	D	Sw
1 2268 03	1”	16	20	1”	100	56	75	44	39

Construction

Body:	forged brass acc. EN 12420, nickel plated
End connections:	forged brass, nickel plated
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle:	brass
Return valve:	forged brass acc. EN 12420, nickel plated
Handle:	aluminium alloy, plastic red dipped

Specification

Connections:	Female thread acc. ISO228
Sealing elements:	PTFE (ball, spindle) and EPDM (non return valve)
Maximum pressure:	16 bar
Temperature range:	-30°C to 150°C (water 0,5°C to 110°C)
Medium:	water, oil, air,... (non agressive mediums)

Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection betwen the pipe and ball valve. Mount the ball valve with built-in non-return valve in the flow direction (direction is marked on the non-return valve) after the circulating pump of the central heating. Circulating pump is mounted with the “holland” nut G1-1/2”, which is fitted on the flange of the valve. In the case of the closing, circuit the non-return valve can be opened with the screw, which must be put in position “I”. This enables the gravitational heating. When mounting please use the proper mouting tools, which are adapted to the sizes of the valve. The ball valve does not need special maintenance.

HERZ Armaturen
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Application

The ball valve is used as a closing armature in central heating installations. The armature prevents thermo syphonic circulation of the water from the boiler. Ball valve with built-in non-return valve is mounted in the heating branch directly after the circulating pump of the central heating. The ball valve is used only in 2 basic positions: open and closed.

HERZ Armaturen
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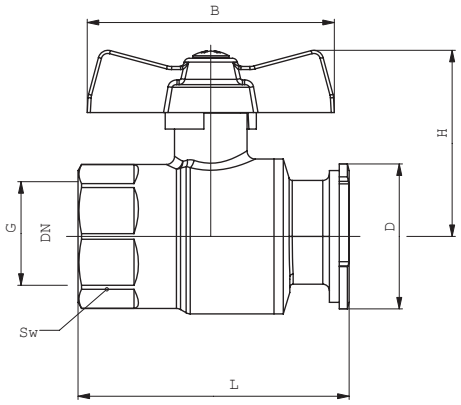
HERZ Ball valve for pumps

Datasheet
2269
Issue 0607



Dimensions

Model	Dimension	PN	DN	G	L	H	A	D	Sw
1 2269 03	1”	16	20	1”	82	56	75	44	39

Construction

Body:	forged brass acc. EN 12420, nickel plated
End connections:	forged brass, nickel plated
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle:	brass
Return valve:	forged brass acc. EN 12420, nickel plated
Handle:	aluminium alloy, plastic red dipped

Specification

Connections:	Female thread acc. ISO228
Sealing elements:	PTFE (ball, spindle) and EPDM (non return valve)
Maximum pressure:	16 bar
Temperature range:	-30°C to 150°C (water 0,5°C to 110°C)
Medium:	water, oil, air,... (non agressive mediums)

Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection betwen the pipe and ball valve. Mount the ball valve with built-in non-return valve in the flow direction (direction is marked on the non-return valve) after the circulating pump of the central heating. Circulating pump is mounted with the “holland” nut G1-1/2”, which is fitted on the flange of the valve. In the case of the closing, circuit the non-return valve can be opened with the screw, which must be put in position “I”. This enables the gravitational heating. When mounting please use the proper mouting tools, which are adapted to the sizes of the valve. The ball valve does not need special maintenance.

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Application

The ball valve is used as a closing armature in central heating installations. The armature prevents thermo syphonic circulation of the water from the boiler. Ball valve with built-in non-return valve is mounted in the heating branch directly after the circulating pump of the central heating. The ball valve is used only in 2 basic positions: open and closed.

HERZ Armaturen
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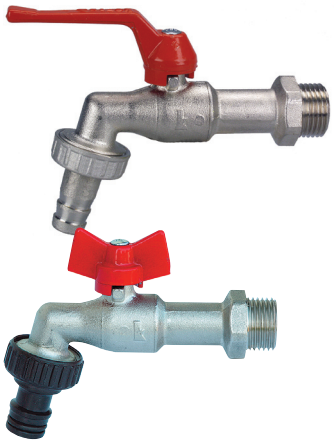
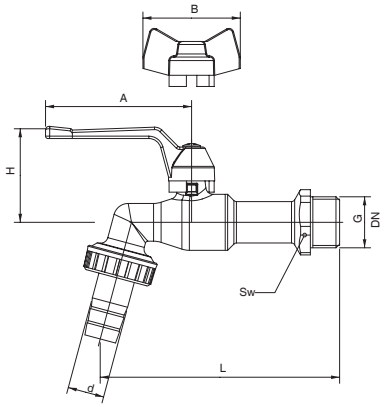
HERZ Ball Valve with hose spout and lever

Datasheet
2503
Issue 0908





Dimensions

Model	Dim.	PN	DN	G	d	L	H	A	Sw
1 2503 01	1/2”	16	10	1/2”	15	98	38	60	25
1 2503 02	3/4”	16	15	3/4”	19	103	41	60	30

Model	Dim.	PN	DN	G	d	L	H	B	Sw
1 2503 11	1/2”	16	10	1/2”	15	98	38	40	25
1 2503 12	3/4”	16	15	3/4”	19	103	41	40	30

Design

Body:	forged brass acc. EN 12420, nickel plated
End connection:	forged brass, nickel plated
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle:	brass
Handle:	Aluminium alloy, red dipped
Spout hose connector:	brass, nickel plated
Sealing elements:	PTFE- polytetrafluoretylen (ball) and NBR 70 ShA (spindle)
Conections:	male thread acc. ISO228

Operating data

Working pressure:	up to 16 bar
Working temperature:	0°C to 110°C (water 0.5°C - 110°C, no steam)
Mediums:	water, air,oil,… (non-agressive mediums)

Application

The ball valve is used in installations as san isolation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and the ball valve. Screw the ball valve into the pipe end with a suitable assembly tool (Sw) do not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does´t need special maintenance. At least twice per year exercise the valve.

HERZ Armaturen
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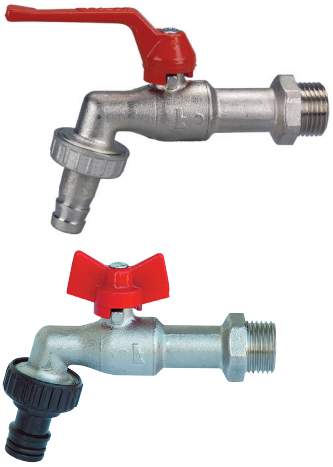
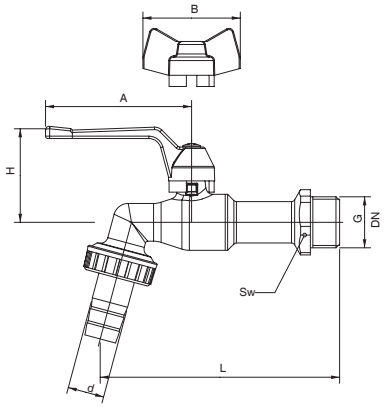
HERZ Ball Valve with hose spout, lever or toggle

Datasheet
2503
Issue 0908





Dimensions

Model	Dim.	PN	DN	G	d	L	H	A	Sw
1 2503 01	1/2”	16	10	1/2”	15	98	38	60	25
1 2503 02	3/4”	16	15	3/4”	19	103	41	60	30

Model	Dim.	PN	DN	G	d	L	H	B	Sw
1 2503 11	1/2”	16	10	1/2”	15	98	38	40	25
1 2503 12	3/4”	16	15	3/4”	19	103	41	40	30

Design

Body:	forged brass acc. EN 12420, nickel plated
End connection:	forged brass, nickel plated
Ball:	pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle:	brass
Handle/Toggle:	Aluminium alloy, red dipped
Spout hose connector:	brass, nickel plated
Sealing elements:	PTFE- polytetrafluoretylen (ball) and NBR 70 ShA (spindle)
Conections:	male thread acc. ISO228

Operating data

Working pressure:	up to 16 bar
Working temperature:	0°C to 110°C (water 0.5°C - 110°C, no steam)
Mediums:	water, air,oil,… (non-agressive mediums)

Application

The ball valve is used in installations as san isolation valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

HERZ Armaturen
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Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and the ball valve. Screw the ball valve into the pipe end with a suitable assembly tool (Sw) do not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does´t need special maintenance. At least twice per year exercise the valve.

HERZ Armaturen
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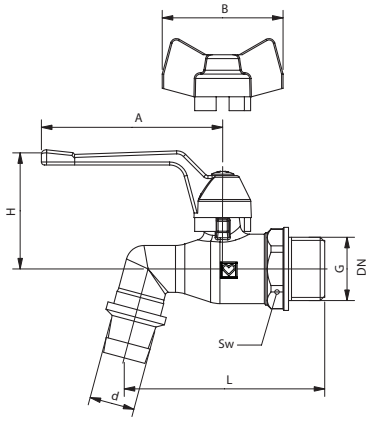
HERZ Ball Valve with hose spout and lever

Datasheet
2510
Issue 0908



Dimensions

Model	Dim.	PN	DN	G	d	L	H	A	Sw
1 2510 00	3/8”	16	8	3/8”	12	57	38	60	21
1 2510 01	1/2”	16	10	1/2”	15	66	40	60	24

Model	Dim.	PN	DN	G	d	L	H	B	Sw
1 2510 10	3/8”	16	8	3/8”	12	57	38	40	21
1 2510 11	1/2”	16	10	1/2”	15	66	40	40	24

Design

Body:	forged brass acc. EN 12420, nickel plated
End connection:	forged brass, nickel platted
Ball:	pressed brass, machined to a microsmooth finish, chrome plated
Spindle:	brass
Handle:	Aluminium alloy, red dipped
Spout hose connector:	brass, nickel plated
Sealing elements:	PTFE- polytetrafluoretylen (ball) and NBR 70 ShA (spindle)
Conections:	male thread acc. ISO228

Operating data

Working pressure:	up to 16 bar
Working temperature:	0°C to 90°C (water 0.5°C - 90°C, no steam)
Mediums:	water, air,oil,… (non-agressive mediums)

Application

The ball valve is used in installations as shut off valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

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Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and ball valve. Screw the ball valve into the pipe end with a suitable assembly tool (Sw) do not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does´t need special maintenance. At least twice per year exercise the valve.

HERZ Armaturen
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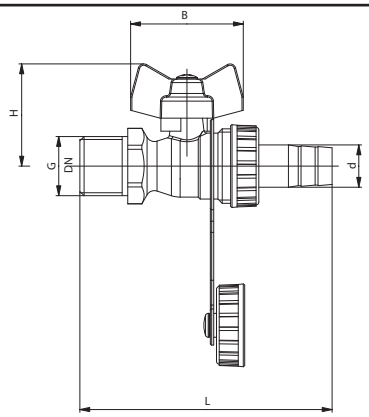
HERZ Ball Valve fill up

Datasheet
2512
Valid 0607



Dimensions

Model	Dimension	PN	DN	G	d	L	H	A	Sw
1 2512 01	1/2”	12,5	10	1/2”	15	83	37	40	24
1 2512 02	3/4”	12,5	15	3/4”	19	98	40	40	30

Construction

Body: forged brass acc. EN 12420
Ball: pressed brass, machined to a microsmooth finish, chrome plated
Spindle: brass
Handle: aluminium alloy, red dipped

Specification

Connections:	Male thread acc. ISO228
Sealing elements:	PFTE (ball9 and NBR 70 ShA (spindle)
Maximum pressure:	12.5 bar
Temperature range:	-10°C to 110°C
Medium:	water, air, oil,... (non agressive mediums)

Assembly and maintenance

Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and ball valve. Screw ball valve into pipe and with suitable assembly tool. Ball valve does not require any special maintenance.

Application

Ball valve is used in installations as a drain and fill valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expects durability even if the working conditions are exceeded.

HERZ Armaturen
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New ball valve plastic handle with thermometer

Data sheet for
11X3021H
Issue 0111

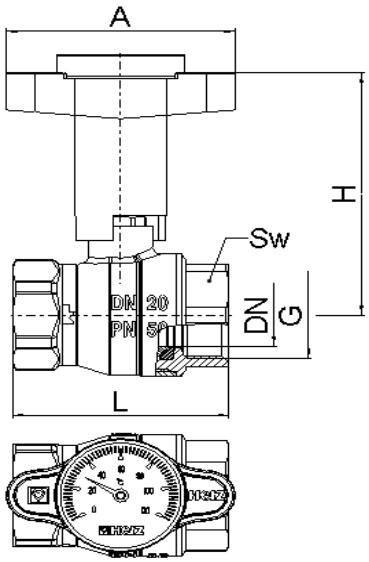

Figure	Dimension	PN	G	L	H	A	Sw
1123021H	DN15	50	G1/2"	51	70	60	25
1133021H	DN20	50	G3/4"	57	74	60	31
1143021H	DN25	50	G1"	73	82	85	39
1153021H	DN32	40	G1-1/4"	84	88	85	48
1163021H	DN40	25	G1-1/2"	99	120	120	55
1173021H	DN50	25	G2"	112	126	120	68

Dimensions (mm)

Construction

Body: forged brass acc. EN 12420, nickel platted
Nut: forged brass acc. EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: plastic black handle, plastic red top cover
Thermometer: metal housing
Connection: connection thread acc. to ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: see chart above under PN (20 ˚C)
Operating temperature: from -30˚C to +150˚C (water -0,5 ˚C to +110˚C -no steam)
Medium: unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

We reserve the right to make modifications in line with progress in engineering.

Herz Armaturen GmbH
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New ball valve plastic handle

Data sheet for
11X3020H
Issue 0111

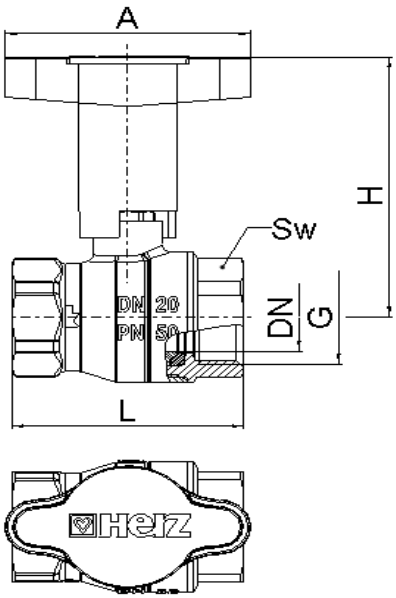

Figure	Dimension	PN	G	L	H	A	Sw
1123020H	DN15	50	G1/2"	51	70	60	25
1133020H	DN20	50	G3/4"	57	74	60	31
1143020H	DN25	50	G1"	73	82	85	39
1153020H	DN32	40	G1-1/4"	84	88	85	48
1163020H	DN40	25	G1-1/2"	99	120	120	55
1173020H	DN50	25	G2"	112	126	120	68

Dimensions (mm)

Construction

Body: forged brass acc. EN 12420, nickel platted
Nut: forged brass acc. EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: steel, Zn galvanized, plastic cover, red
Connection: connection thread acc. to ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: See chart above under PN (20 °C)
Operating temperature: from -30°C to +150°C(water from -0,5 °C to +110°C -no steam)
Medium: unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

We reserve the right to make modifications in line with progress in engineering.

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New ball valve Aluminium handle, short

Data sheet for
11X2020
Issue 0111

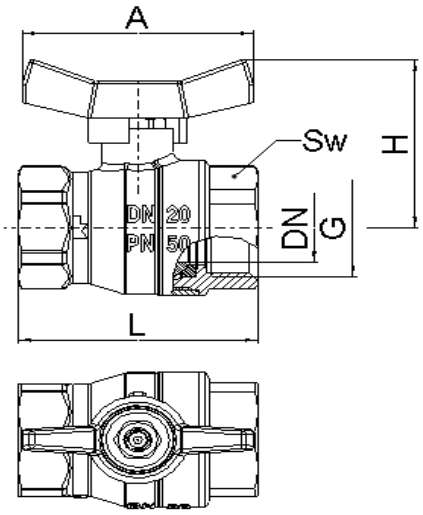

Figure	Dimension	PN	G	L	H	A	Sw
1122020	DN15	50	G1/2"	51	42	55	25
1132020	DN20	50	G3/4"	57	56	55	31
1142020	DN25	50	G1"	73	57	75	39
1152020	DN32	40	G1-1/4"	84	63	75	48

Dimensions (mm)

Construction

Body: forged brass acc. to EN 12420, nickel platted
Nut: forged brass acc. to EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: silumin, short, red
Connection: connection thread acc. to ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: see chart above, under PN (20 ˚C)
Operating temperature: from -30˚C to +150˚C(water from -0,5 ˚C to +110˚C -no steam)
Medium: unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

We reserve the right to make modifications in line with progress in engineering.

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New ball valve metal handle MXM

Data sheet for
11X1023H
Issue 0111

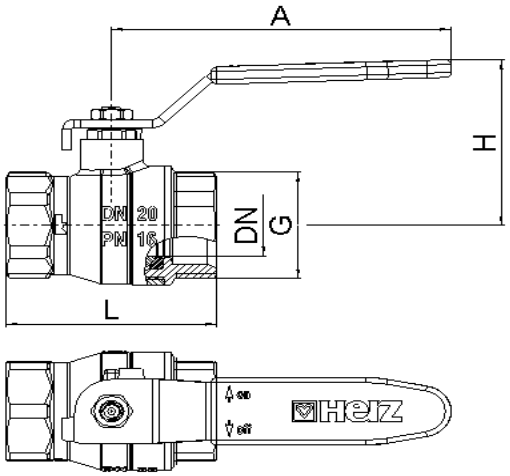

Figure	Dimension	PN	G	L	H	A	
1121023H	DN15	16	G3/4"	51	48	90	
1131023H	DN20	16	G1"	57	52	90	
1141023H	DN25	16	G1-1/4"	73	63	135	
1151023H	DN32	16	G1-1/2"	84	69	135	
1161023H	DN40	16	G1-3/4"	95	85	180	
1171023H	DN50	16	G2-3/8"	110	91	180	

Dimensions (mm)

Construction

Body: forged brass acc. To EN 12420, nickel platted
Nut: forged brass acc. To EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: steel, Zn galvanized, plastic cover, red
Connection: Connection thread acc. to ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: see chart above under PN (20 ˚C)
Operating temperature: from -30˚C to +150˚C(water from -0,5 ˚C to +110˚C -no steam)
Medium: unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

We reserve the right to make modifications in line with progress in engineering.

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New ball valve metal handle, FXM

Data sheet for
11X1022H
Issue 0111

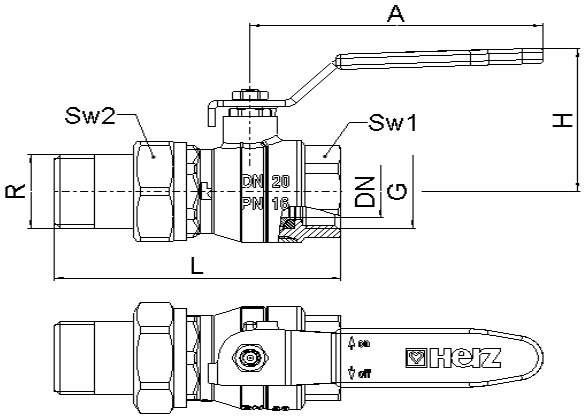

Figure	Dimension	PN	G	R	L	H	A	Sw 1	Sw 2
1121022H	DN15	16	G1/2"	R1/2"	78	48	90	25	30
1131022H	DN20	16	G3/4"	R3/4"	90	52	90	31	36
1141022H	DN25	16	G1"	R1"	108	63	135	39	46
1151022H	DN32	16	G1-1/4"	R1-1/4"	126	69	135	48	52
1161022H	DN40	16	G1-1/2"	R1-1/2"	146	85	180	55	60
1171022H	DN50	16	G2"	R2"	168	91	180	68	75

Dimensions (mm)

Construction

Body:	forged brass acc to. EN 12420, nickel platted
Nut:	forged brass acc. to EN 12420, nickel platted
Ball:	forged brass, hollow bore, chrome platted
Spindle:	mashined brass
Handle:	steel, Zn, galvanized, plastic cover, red
Holand priključek:	brass
Connection F:	Connection thread acc. To ISO 228
Connection M:	connection thread acc. to ISO 7/1

Sealing elements

Ball:	PTFE- polytetrafluoretylen
Spindle:	PTFE- polytetrafluoretylen
Tail piece connection:	DN15, DN 20, DN25 rubber, DN32, DN40, DN50 klingerit

Technical data

Operating pressure:	see chart above under PN (20 ˚C)
Operating temperature:	from -30˚C to +150˚C (water from -0,5 ˚C to +110˚C - no steam)
Medium:	unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

We reserve the right to make modifications in line with progress in engineering.

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New ball valve long Aluminium handle

Data sheet for
11X1021H
Issue 0111

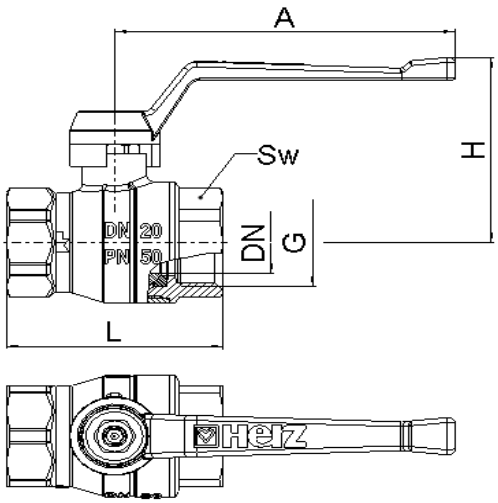

Figure	Dimension:	PN	G	L	H	A	Sw
1121021H	DN15	50	G1/2"	51	53	90	25
1131021H	DN20	50	G3/4"	57	56	90	31
1141021H	DN25	50	G1"	73	73	135	39
1151021H	DN32	40	G1-1/4"	84	79	135	48
1161021H	DN40	25	G1-1/2"	99	93	180	55
1171021H	DN50	25	G2"	112	99	180	68

Dimensions (mm)

Construction

Body: forged brass acc. EN 12420, nickel platted
Nut: forged brass acc. EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: silumin long, red
Connections: connection thread acc. to ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: see chart above under PN (20 ˚C)
Operating temperature: from -30 to +150˚C (water from -0,5 ˚C to +110˚C -no steam)
Medium: unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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New ball valve metal handle

Data sheet for
11X1020H
Issue 0111

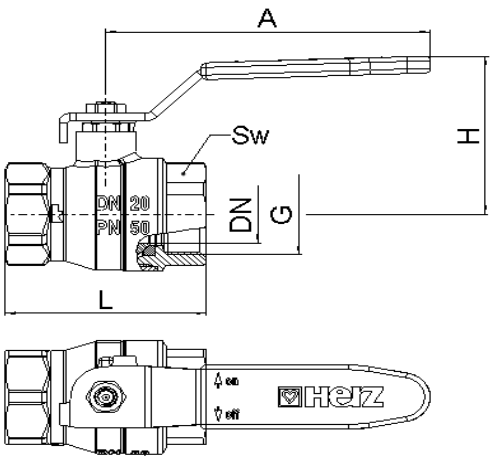

Figure	Dimension:	PN	G	L	H	A	Sw
1121020H	DN15	50	G1/2"	51	48	90	25
1131020H	DN20	50	G3/4"	57	52	90	31
1141020H	DN25	50	G1"	73	63	135	39
1151020H	DN32	40	G1-1/4"	84	69	135	48
1161020H	DN40	25	G1-1/2"	99	85	180	55
1171020H	DN50	25	G2"	112	91	180	68

Dimensions (mm)

Construction

Body: forged brass acc. EN 12420, nickel platted
Nut: forged brass acc. EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: steel, Zn galvanized, plastic cover, red
Connections: Thread acc. ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: see chart above under PN (20 ˚C)
Operating temperature: from -30˚C to +150˚C(water from -0,5 ˚C to +110˚C -no steam)
Medium: unaggresive type (water, oil, air…)

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

We reserve the right to make modifications in line with progress in engineering.

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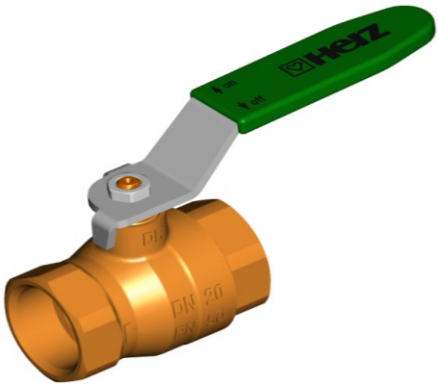
New ball valve DZR metal handle

Data sheet for
18X1020H
Issue 0111



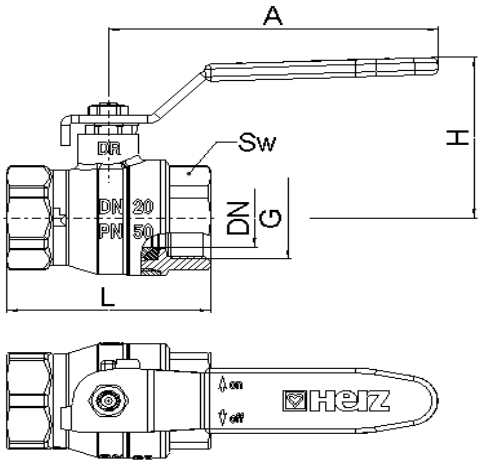


Figure	Dimension	PN	G	L	H	A	Sw
1821020H	DN15	50	G1/2"	51	48	90	25
1831020H	DN20	50	G3/4"	57	52	90	31
1841020H	DN25	50	G1"	73	63	135	39
1851020H	DN32	40	G1-1/4"	84	69	135	48
1861020H	DN40	25	G1-1/2"	99	85	180	55
1871020H	DN50	25	G2"	112	91	180	68

Dimensions (mm)

Construction

Body: forged brass acc. EN 12420, nickel platted
Nut: forged brass acc. EN 12420, nickel platted
Ball: forged brass, hollow bore, chrome platted
Spindle: mashined brass
Handle: steel, Zn galvanized, plastic cover, green
Connection: Connection thread acc. to ISO 228

Sealing elements

Ball: PTFE- polytetrafluoretylen
Spindle: PTFE- polytetrafluoretylen

Technical data

Operating pressure: see chart above under PN (20 °C)
Operationg temperature: water from -0,5 °C to +110°C - no steam
Medium: drinking water

Application

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions.

Instruction for assembly and maintenance

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve in used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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