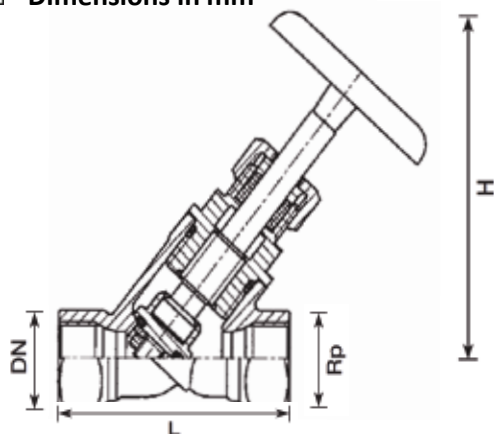


☑ Dimensions in mm



Order number		DN	L	Hopen	Rp
With Draining function	Without Draining function				
1 4115 11	1 4115 01	15	65	90	½
1 4115 12	1 4115 02	20	75	115	¾
1 4115 13	1 4115 03	25	90	130	1
1 4115 14	1 4115 04	32	110	156	1¼
1 4115 15	1 4115 05	40	120	175	1½
1 4115 16	1 4115 06	50	150	215	2
1 4115 17	1 4115 07	65	180	297	2½
1 4115 18	1 4115 08	80	210	325	3

☑ Model

1 4115 0x

Shut-off valve inclined brass model with rising spindle, both sides are with female thread. Upper part is sealed by O-Ring in the housing. Spindle sealing by means of stuffing box. Red hand wheel.

1 4115 1x

As before, but with two bore holes for draining fittings, one screw plug 1 0273 0x is mounted.

☑ Materials

Body:	casted DZR copper alloy CC752S
Upper part:	DZR copper alloy CW602N
Cone:	DZR copper alloy CW602N
Spindle:	copper alloy CW617N
Sealing:	EPDM
Hand wheel:	sheet steel

☑ Technical data

Max. operation temperature:	110°C
Max. operation pressure:	20 bar
Max. differential pressure of the closed seat:	10 bar

The use of ethylene or propylene glycol in a mixing ratio 25- 50% is allowed. EPDM gaskets can be affected by mineral oils lubricants and thus lead to failure of the EPDM seals. Please refer to manufacturer's documentation when using ethylene glycol products for frost and corrosion protection.

☑ Draining

DN 15 – DN 50:	2 bore holes for draining 1/4
DN 65 – DN 80:	2 bore holes for draining 3/8
1 0276 0x	Drain Valve with handle and swivel hose connection, brass version. Hose connection 1 6206 01 have to be ordered separately.



1 0276 0x

Field of application

Reliable shutting of pipes in heating and cooling systems.

Construction

Hand wheel closed clockwise

Flow direction

The direction of flow must be observed in accordance with the arrow on the housing.

Mounting position

There are no special tools required. Every mounting position possible, but it should be paid attention to enough space for the rising spindle

Further models

1 4125 6x	DN 15-80	STRÖMAX-D , shut-off valves with non-rising spindle
1 4125 7x	DN 15-80	STRÖMAX-AD , shut-off valves with non-rising spindle, with two bore holes for draining fittings

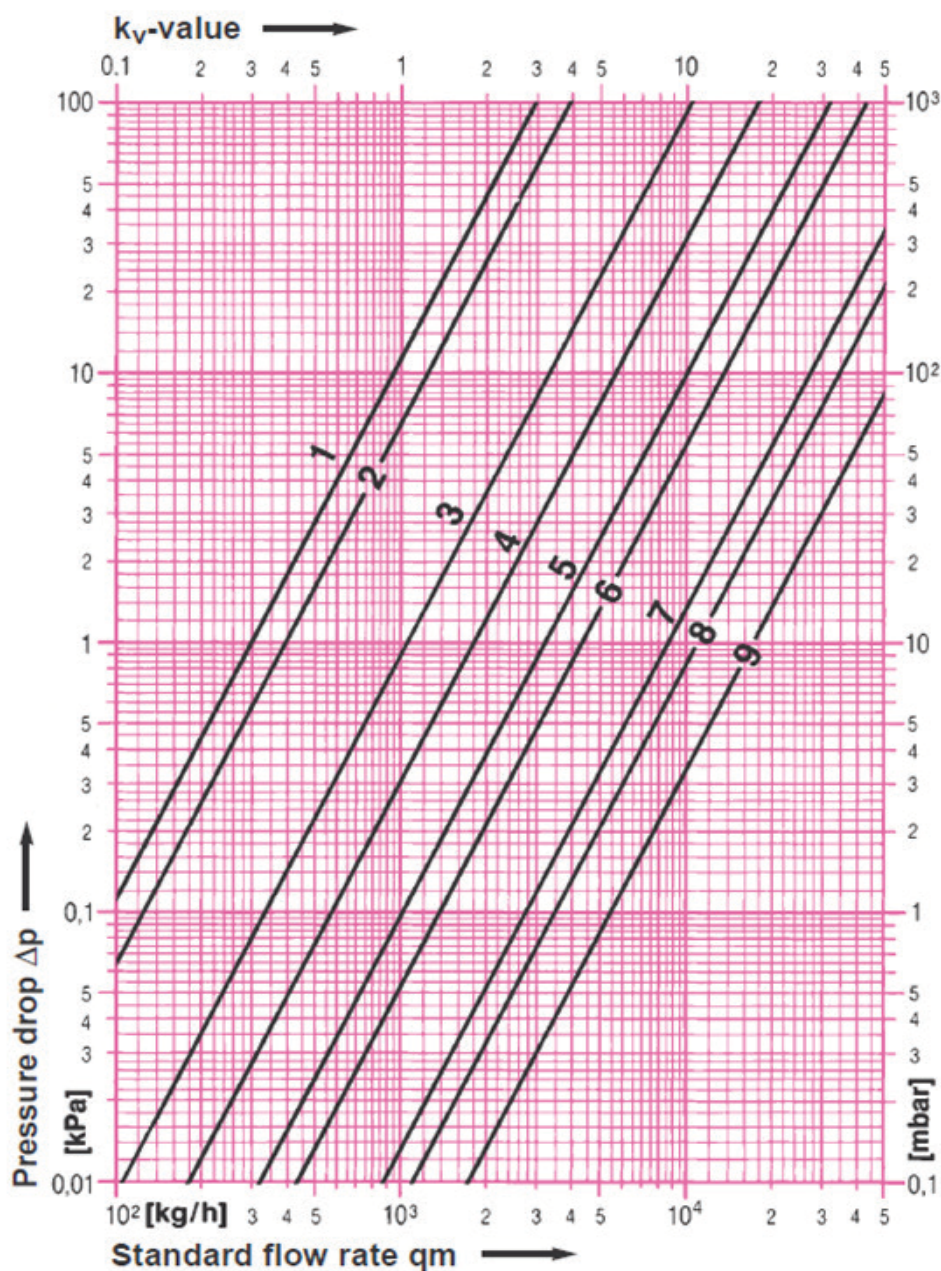
Spare parts and accessories

1 0276 09	¼	Drain valve with swivel hose connection G 3/4,
1 0276 00	¾	Drain valve with swivel hose connection G 3/4,
1 0273 09	¼	Screw plug, brass version, with O-Ring seal and hexagon socket screw
1 0273 00	¾	Screw plug, brass version, with O-Ring seal and hexagon socket screw.
1 6206 00	¾	Hose Connection, brass version, nut and hose sleeve.
1 6206 01	½	Hose Connection, brass version, nut and hose sleeve.
1 6206 02	¾	Hose Connection, brass version, nut and hose sleeve.
1 6385 50	DN 10-15	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 52	DN 20	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 53	DN 25	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 54	DN 32	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 55	DN 40	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 56	DN 50	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 57	DN 65	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 58	DN 80	Upper part, with O-ring seal between cap and body, rising spindle from year 2004
1 6385 00	DN 10-15	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 02	DN 20	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 03	DN 25	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 04	DN 32	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 05	DN 40	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 06	DN 50	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 07	DN 65	Upper part with klingerit seal between cap and body 1982- 2004
1 6385 08	DN 80	Upper part with klingerit seal between cap and body 1982- 2004
1 6519 00	DN10-15	Hand wheel, red, with fixing screw
1 6519 02	DN 20	Hand wheel, red, with fixing screw
1 6519 03	DN 25	Hand wheel, red, with fixing screw
1 6519 04	DN 32-40	Hand wheel, red, with fixing screw
1 6519 06	DN 50	Hand wheel, red, with fixing screw
1 6519 07	DN 65-80	Hand wheel, red, with fixing screw

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HERZ standard diagram	4115
Order Nr.: 1 4115 0X/1X	Dim. DN10 - DN80

Char.	Dim.	k_{vs}	ζ -Value	Char.	Dim.	k_{vs}	ζ -Value
1	3/8"	3	4	6	1 1/2"	44	2.5
2	1/2"	4	6.7	7	2"	87	1.6
3	3/4"	10.5	3.1	8	2 1/2"	112	2.8
4	1"	18	2.7	9	3"	175	2.2
5	1 1/4"	32.5	2.5				



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