

HERZ STRÖMAX WD and AWD

Shut-off Valve for drinking water in buildings

with non-rising spindle

Data sheet for **2 4125 XX**, Issue 0923

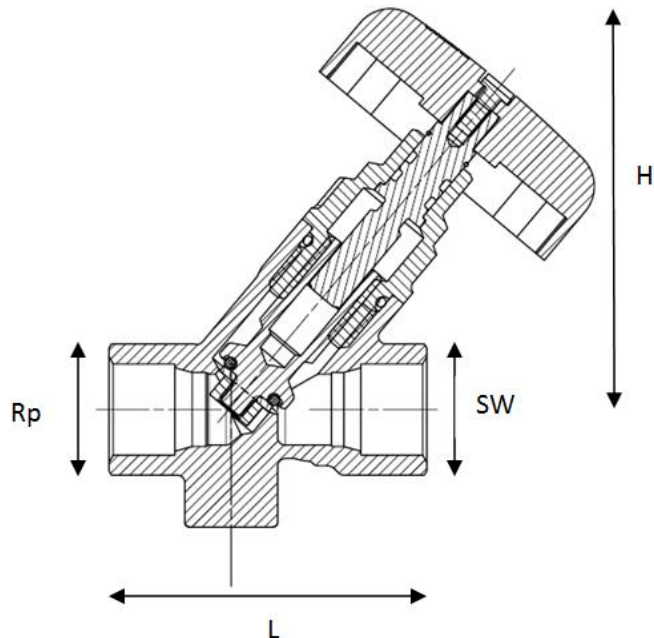
Dimensions in mm



W1.332



2 4125 XX are certified by
Wien-Zert with the Austrian
ÜA-sign for potable water



Order number	DN	L	H _{open}	Rp	Draining facility
2 4125 61	15	65	90	1/2	No
2 4125 62	20	75	115	3/4	No
2 4125 63	25	90	130	1	No
2 4125 64	32	110	156	1 ¼	No
2 4125 65	40	120	175	1 ½	No
2 4125 66	50	150	215	2	No
2 4125 67	65	180	297	2 ½	No
2 4125 68	80	210	325	3	No
2 4125 71	15	65	90	1/2	Yes
2 4125 72	20	75	115	3/4	Yes
2 4125 73	25	90	130	1	Yes
2 4125 74	32	110	156	1 ¼	Yes
2 4125 75	40	120	175	1 ½	Yes
2 4125 76	50	150	215	2	Yes
2 4125 77	65	180	297	2 ½	Yes
2 4125 78	80	210	325	3	Yes

Models

2 4125 6x

Angle-Seat shut off valve of copper alloy with double-sided threaded sleeve and non-rising spindle. All materials, which are in connection with drinking water, are produced out of brass, according to the relevant regulations for drinking water. Sealing materials are produced out of physiological harmless material. The Upper part is sealed in the housing by the O-ring. Spindle sealing with stuffing box. Green hand wheel, volume flow class VB, fitting group I, ÖNORM EN 1213

2 4125 7x

The same as before, but with double-sided draining bore hole, one of this is closed with a screw 2 0273 0x.

Field of application

Systems with drinking water.

Operating data

Permitted area of application within the framework of the ÖVGW certification:

Max. operating pressure: 10 bar (PN10)

Max. usage temperature: 65°C

Technically possible area of application:

Maximum operating pressure: 20 bar

Maximum differential pressure on locked seat: 10 bar

Maximum operating temperature: 80°C

Occasional temperature-risings up to 95°C are allowed, if they don't last longer than 1h.

Materials

Body and spindle	brass acc. to UBA-list and 4MS-list
Spindle seals	double O-ring made of EPDM
Seal	made of physiologically-safe material
Hand wheel	up to DN50: polyamide, green
	DN65 - DN80: sheet steel, painted green

Pursuant to Article 33 of the REACH Regulation (EC No. 1907/2006), we are obliged to point out that the material lead is listed on the SVHC list and that all brass components manufactured in our products exceed 0.1% (w / w) lead (CAS: 7439-92-1 / EINECS: 231-100-4). Since lead is a component part of an alloy, actual exposure is not possible and therefore no additional information on safe use is necessary.

Construction

Hand wheel is in a clockwise rotation closed.

Flow direction

The flow direction is according to the arrow on the housing.

Installation position

There is no special tool necessary and it is applicable for every installation position.

Mounting

According to the use of the valve is a clean process necessary. The contribution of dirt into the valve is to avoid. It is only allowed to use sealing material for the drinking-water-sector. During the assembly the assembly tool should directly be used on the sealing sleeve, otherwise it is possible to get a twist with the valve-housing. The valve muffs should be unscrewed on conical threaded couplings which are in accordance with the norm by trained specialists under the use of sealing material. If there is not enough space, it is possible to dismantle the valves upper-part during the assembly. During the reassembly it is not necessary to use sealant, because of the O-ring-seal. Furthermore, excessive stress on the valve upper-part is also not necessary.

Draining valves

DN 15 – DN 50: 2 draining bores 1/4
 DN 65 – DN 80: 2 draining bores 3/8

2 **0275** 0x draining valve with handle, yellow design

2 **0276** 0x draining valve with handle and a flexible tube connection 3/4, TW cover green, yellow design, flexible tube connection 1 **6206** 01 is order separately



2 **0275** 0x



2 **0276** 0x

to

Minimal flow rates in l/s by Dp 10 kPa according to ÖNORM EN 1213, volume-flow-class VB, fitting group I

Dimensions	l/s
DN 10	0,25
DN 15	0,50
DN 20	1,00
DN 25	1,75
DN 32	3,00
DN 40	4,00
DN 50	6,75
DN 65	11,00
DN 80	16,00

Further explanations

2 4115 0x	DN 15-80	STRÖMAX-AW , shut-off valve with rising spindle
2 4115 1x	DN 15-80	STRÖMAX-W , shut-off valve with rising spindle, with emptying
2 4115 xx	DN15-50	STRÖMAX-AW , angel-seat shut-off valve with emptying
2 4115 xx	DN15-50	STRÖMAX-W , angel-seat valve

Spare parts and accessories

2 0275 09	1/4	drain valve with handle, yellow design
2 0275 00	3/8	drain valve with handle, yellow design
2 0276 09	1/4	drain valve with pipe connection G 3/4, TW cover green, yellow design
2 0276 00	3/8	drain valve with pipe connection G 3/4, TW cover green, yellow design
2 0273 09	1/4	screw plug for fittings in sanitary facilities, yellow design, dezincification resistant brass with O-ring seal with external hex
2 0273 00	3/8	screw plug for fittings in sanitary facilities, yellow design, dezincification resistant brass with O-ring seal with external hex
1 6206 00	3/8	connection , yellow design, nut and hose connector
1 6206 01	1/2	connection , yellow design, nut and hose connector
1 6206 02	3/4	connection , yellow design, nut and hose connector
2 0277 09	1/4	sampling vale according to ÖNORM B5019, ISO 19458, DIN 38402, DVGW- Arbeitsblatt W 551 and VDI 6023
2 0277 00	3/4	sampling vale according to ÖNORM B5019, ISO 19458, DIN 38402, DVGW- Arbeitsblatt W 551 and VDI 6023
2 0277 10	1/4	sampling vale as before, but with long execution for heat-insulated fittings, so that the sampling vale is leading out of the insulation

2 0277 19	3/8	sampling vale as before, but with long execution for heat-insulated fittings, so that the sampling vale is leading out of the insulation
2 6389 01	DN 15	upper part complete from 2004
2 6389 02	DN 20	upper part complete from 2004
2 6389 03	DN 25	upper part complete from 2004
2 6389 04	DN 32	upper part complete from 2004
2 6389 05	DN 40	upper part complete from 2004
2 6389 06	DN 50	upper part complete from 2004
2 6389 07	DN 65	upper part complete from 2004
2 6389 08	DN 80	upper part complete from 2004
2 6517 00	DN15-50	hand wheel green with fixing screw up to year of construction 2011
2 6517 01	DN 65-80	hand wheel green with fixing screw up to year of construction 2011
2 6518 10	DN 15-80	hand wheel green with fixing screw as of year of construction 2012

Disposal instruction

The disposal of HERZ STRÖMAX shut-off valves must not endanger the health or the environment. National legal regulations for proper disposal of the HERZ STRÖMAX shut-off valves have to be followed.

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HERZ Standard diagram

4125 TW

Order Nr.: 2 **4125** 6X/7X

Dim. DN 15 - DN80

Das Diagramm dient zur Bestimmung der Durchflußleistungen. Der Widerstandsbeiwert ζ ist auf den Rohrdurchmesser nach DIN 2440 bezogen. Bis ~ 15 kPa Δp -Geräuschentwicklung unter 25 dB (A).

Kurve	Dimension	kvs	ζ -Wert	Kurve	Dimension	kvs	ζ -Wert
1	1/2	4,8	4,39	5	1½	48	2,04
2	3/4	11,5	2,54	6	2	82	1,81
3	1	21,5	1,83	7	2½	127	2,14
4	1¼	35	2,09	8	3	183	1,96

