HERZ STRÖMAX WD and AWD

Shut-off Valve for drinking water in buildings

with non-rising spindle

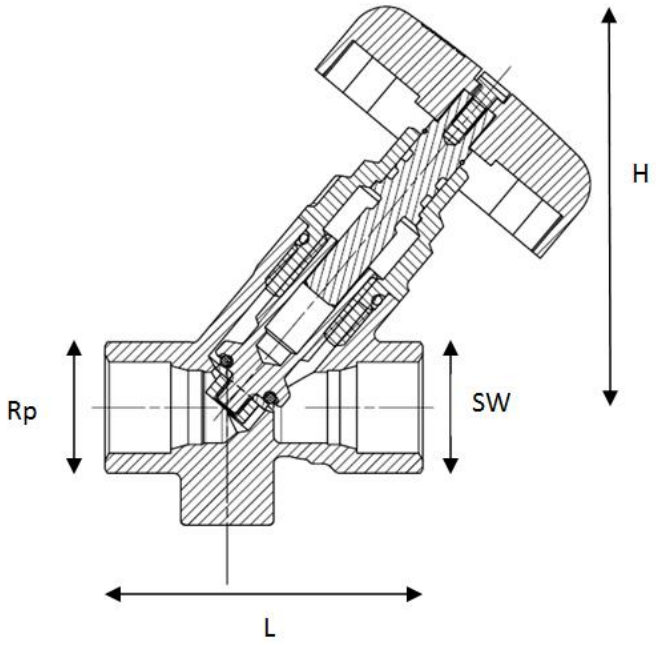
Data sheet for **2 4125 XX,** Issue 0826

Dimensions in mm

W1.332

R-15.2.4-21-17117
WIEN-ZERT

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:	16 bar
Maximum differential pressure on locked seat:	10 bar
Maximum operating temperature:	85 °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 **0275** 0x

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 to order separately



2 **0276** 0x

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
2 **6518** 10	DN 15-50	**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

