

BENDER

A R M A T U R E N

// VIELFALT AUS EINEM GUSS

Bender Armaturen GmbH & Co. KG
Zur Brücke 2
57368 Lennestadt
GERMANY
phone: (+49 2721) 9243-0
fax: (+49 2721) 9243-50
E-Mail: verkauf@bender-armaturen.de
www.bender-armaturen.de



Made in Germany

Long-life 

// TECHNICAL PRODUCT INFORMATION FOR CUPHIN DRAIN VALVE type 1276



BENDER

A R M A T U R E N

// VIELFALT AUS EINEM GUSS

Bender Armaturen GmbH & Co. KG
Zur Brücke 2
57368 Lennestadt
GERMANY
phone: (+49 2721) 9243-0
fax: (+49 2721) 9243-50
E-Mail: verkauf@bender-armaturen.de
www.bender-armaturen.de



Made in Germany

directory

functional description.....	2
product features.....	2
Materials.....	2
Packaging unit.....	2
sketch & dimension	3
Exploded drawing & parts list	4
spare-parts & accessories	5
Scope of delivery	6
Generally instruction.....	7
product-specific instruction	8
assembly	9

Cuphin drain valve type: 1276

Long-life 

Technical Productinformation (TPI)



picture 1: type 1276

functional description

The Cuphin drain valves fulfill the function to draining potable water-supply in case of maintenance or repairs. It's **not** allowed to use them to tap potable water. In delivery status the drain valves are fully closed. To ensure the draining it's necessary to turn the handwheel in counterclockwise.

product features

- connection: G-male-thread according to DIN ISO 228-1
- dezincification resistant according to ISO 6509
- 3/4" male-thread for hose connection
- 360° rotatable outlet
- Manual operation or with allen key
- permanent smooth-running by patented „SOFT“ drive system
- dead storage free by inside twin O-Ring sealing
- with grease chamber
- for Free-flow and Combined Free-flow and backflow-preventer valves

Materials

- medium touched brass parts:
 - o Cuphin (CW724R)
 - to be used for potable water according to DIN 50930-6 rather currently valid UBA positive list
- medium touched plastic parts:
 - o O-Rings: EPDM
 - to be used for potable water according to elastomer-guideline of UBA + W270 approval
- other materials:
 - o outlet: PP

Packaging unit

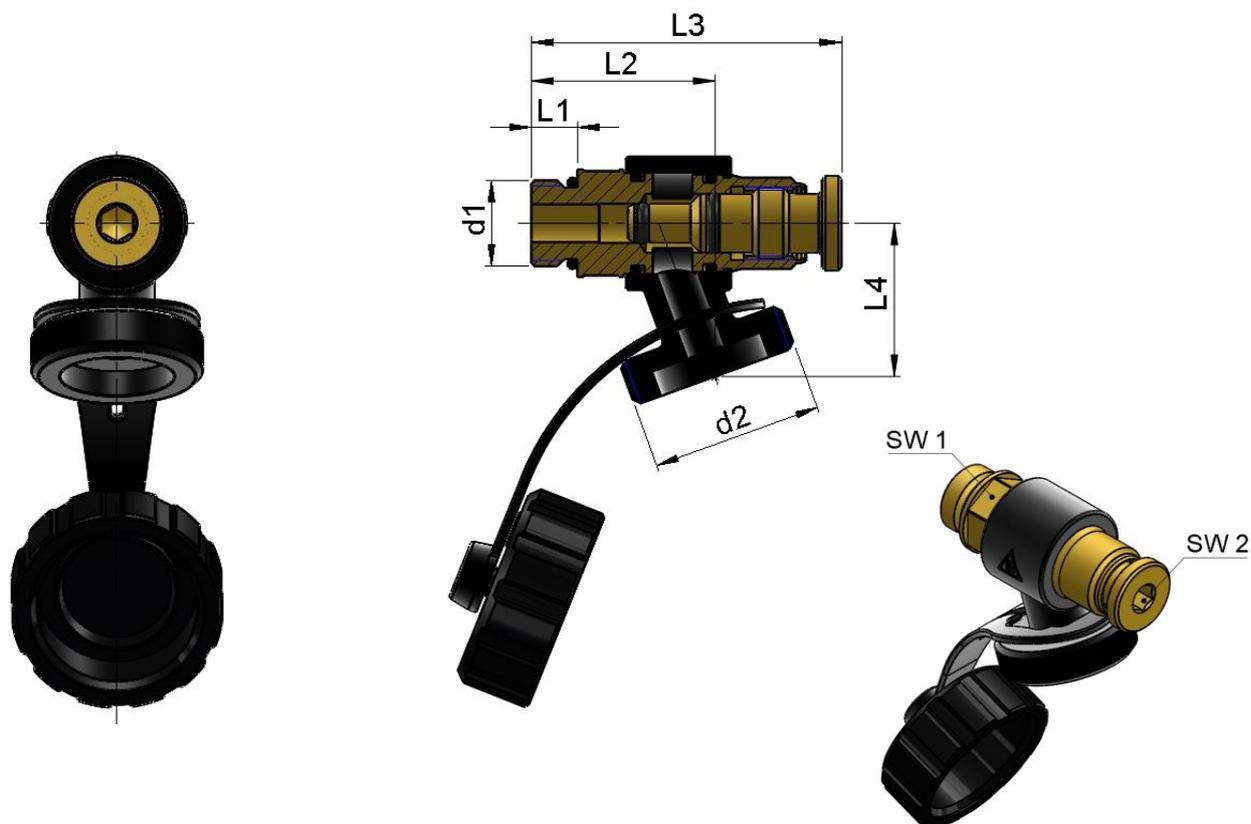
Dimension	DN08
Packaging unit	-

Cuphin drain valve type: 1276

Technical Productinformation (TPI)

Long-life

sketch & dimension



variation: rising spindle (type: 1276)

DN	d1	d2	L1	L2	L3	L4	SW1	SW2	item-number
08	G 1/4"	G 3/4"	7	28	47,5	23,5	14	5	1276080

Cuphin drain valve type: 1276

Technical Productinformation (TPI)

Exploded drawing & parts list

Long-life 



Pos.	Description	Quantity
1	Cuphin drain valve	1

NOTE: There are no spare-parts and accessories for the drain valves.

BENDER

A R M A T U R E N

// VIELFALT AUS EINEM GUSS

Bender Armaturen GmbH & Co. KG
Zur Brücke 2
57368 Lennestadt
GERMANY
phone: (+49 2721) 9243-0
fax: (+49 2721) 9243-50
E-Mail: verkauf@bender-armaturen.de
www.bender-armaturen.de



Made in Germany

Cuphin drain valve type: 1276

Technical Productinformation (TPI)

spare-parts & accessories

--- blank page ---

Long-life 

Cuphin drain valve type: 1276

Technical Productinformation (TPI)

Scope of delivery

Long-life 



picture 2: type 1276

Pos.	Description	Quantity
1	Cuphin drain valve	1



Cuphin drain valve type: 1276

Technical Productinformation (TPI)



Generally instruction

- For your own safety and the safety of other persons read the completely Technical Productinformation.
- The Technical Productinformation must be checked at regular intervals of the issue date which is shown in the footer. If your version is no more up-to-date, please contact the company Bender Armaturen GmbH & Co. KG by the contact details in the headline.
- Check the product of completeness and damages in transit according to the drawing shown in „Scope of delivery“. For later customer complaint of the listed aspects we do not assume any liability.
- It is necessary to use the **PPE** (personal protective equipment). Use inter alia protecting gloves to avoid injury during the installation.
- High pressure-drops in the pipe system must be avoid.
- Spare-parts and accessories must be produced in our company. Otherwise used parts found **no legal claim** in case of damage.
- The installation has to be done in the right flow direction which is shown by an arrow on the body.
- Please note all national and international regulations of installation, accident prevention, hygiene and safety during the installation of pipe-systems and all further instructions of the Technical Productinformation. Also note the regular law, standards, guidelines and regulations (e.g. DIN, EN, ISO, DVGW and VDI) as well as regulations for protection of the environment, social insurance against occupational accidents and the local municipal utility.
- Responsible for the positioning and the installation of our products are planner, building firm and user.
- The removal of our products has to be done by the local environment regulations.

Cuphin drain valve type: 1276

Long-life 

Technical Productinformation (TPI)

product-specific instruction

- mating-threads which are connected with our products must be checked with a gauge and has to be free of burrs. For pipe-threads it is necessary to consider the DIN ISO 228 and DIN EN 10226.
- The Cuphin drain valves are using for draining potable water-supply. Explicit **not** for tapping. Furthermore the valves are covered for using in weatherproof areas.
- Bender Armaturen drain valves are normally free of maintenance. The function only can be conserved, if you operate the fitting in regular intervals. Scaling in potable water pipe-systems are possible, which can impair the function of the drain valve. To ensure a permanent function, the drain valve must be fully closed and fully open two times per year.
- For hot-water pipes it is required to have an operating temperature of 60°C.
- The inner space of the fitting must be free of foreign particles.
- Only approved sealing materials are allowed.
- Before using sealing material, please check that the pipe-system can be screwed easily into the valve. Liquid sealing materials must be hardening first.
- Please note that sealing materials do not reach into the fitting. Otherwise the function and tightness of the product is not possible.
- The tightening torque must be adjusting, that a damage of the connections will be avoid.
- Tools which increasing the hand torque of the handwheel are not allowed.
- Before you start with the installation please check that the free-flow valve is able for opening and closing.
- Flush the pipe-system according to the general accepted rules and specifications before you start with the installation.
- Please note that the pipe-system is depressurized and cooled down on a reasonable temperature for the installation.
- The products are covered for an operating temperature of maximum 90°C. Furthermore, we recommend an operating pressure of 2,5 until 3,5 bar.



The contents of our Technical Productinformation can be complemented, changed or deleted without prior notice.

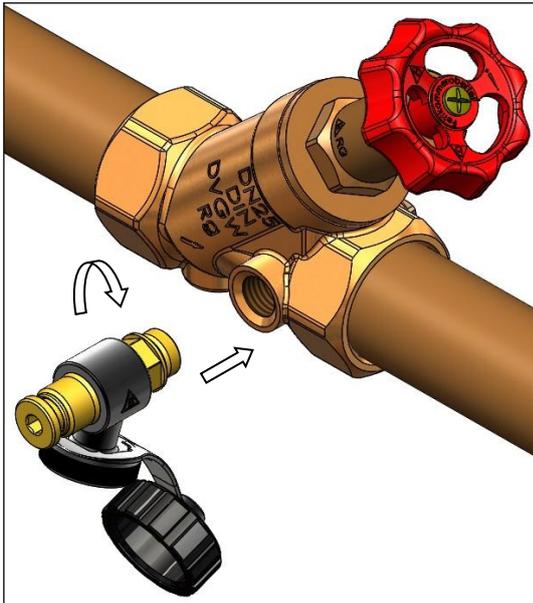
The description of the TPI is no contract.

Cuphin drain valve type: 1276

Technical Productinformation (TPI)

Long-life 

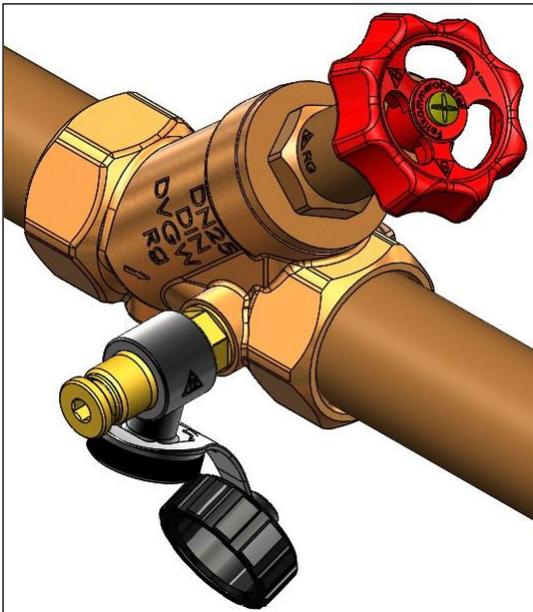
assembly



Cuphin drain valve self-sealed by O-Ring

The inner space of the fitting must be free of foreign particles.
body according to DIN 3502.

step 1



pressurized



step 2