

SPILLDOC[®]

BD-504

Double Head Deck Mounted Mounted Eye Wash

Standard: ANSI Z358.1-2014



Bio-Safety Supplies Pte Ltd

126 Joo Seng Road, #03-11
Gold Pine Industrial Building
Singapore 368355
Phone: +65 96673290
Email: sales@biosafetysupplies.com
Website: www.biosafetysupplies.com

Product Concept

The emergency eye wash is used for washing eyes, face and harmful things on the people's body. Therefore, it is the first aid equipment, but it cannot replace the protect equipment, including the protection for eyes, face and body. It also cannot replace the procedures to deal with dangerous materials. BD-504 deck mounted eyewash, the main body is made of copper with thick electroplating layers, which has good corrosion resistance, and the rubber handle is non-slip to make it more reliable to hold. The eyewash nozzle is formed by molds, and the dust cover can be automatically opened by water when in use. Straight-through water control valve, made of nickel-plated brass, can switch automatically and is durable.

Original Water

Drinking water or filtered water.

Hydraulic Pressure

If the pressure exceeds 0.2-0.4MPa, please install the relief valve to protect the user's eyes.
Eye wash flow $\geq 11.4\text{L/Min}$

Training

Simply installing emergency equipment is not sufficient means of ensuring worker safety. It is also very important that employees are trained in the location and proper use of emergency equipment. Research shows that after an incident has occurred, rinsing eyes within the first ten seconds is essential. Therefore, employees at the highest risk of damaging their eyes in each department must be trained regularly. All employees must know the location of the emergency equipment and be aware that quick and effective rinsing is important in an emergency.

- The sooner the injured employee's eyes are rinsed, the lower the risk of damage. Every second is important when preventing permanent damage to save time for medical treatment.
- All employees must be reminded that this equipment is only to be used in emergencies, tampering with the equipment may cause a malfunction.
- In an emergency, the eyes may close automatically, and individuals may feel pain, anxiety, and disorientation. They may need the assistance of other workers to reach and use the eyewash stations.

Usage Methods:

- Reserve water hoses' expansion space on installation: 40-50cm, in order that user can pull the eye wash to service part.
- In use, user holds the handle of the valve and moves the eye wash to the suitable place.
- Holding the handle of the valve tightly, then the eye wash valve opened with water flowing out.
- After using, leave the handle of the valve off, then the eye wash stops to watering.
- At last, put the eye wash back to platform base.

Maintenance

There should be professional staff to take charge of the emergency equipment and do as follows:

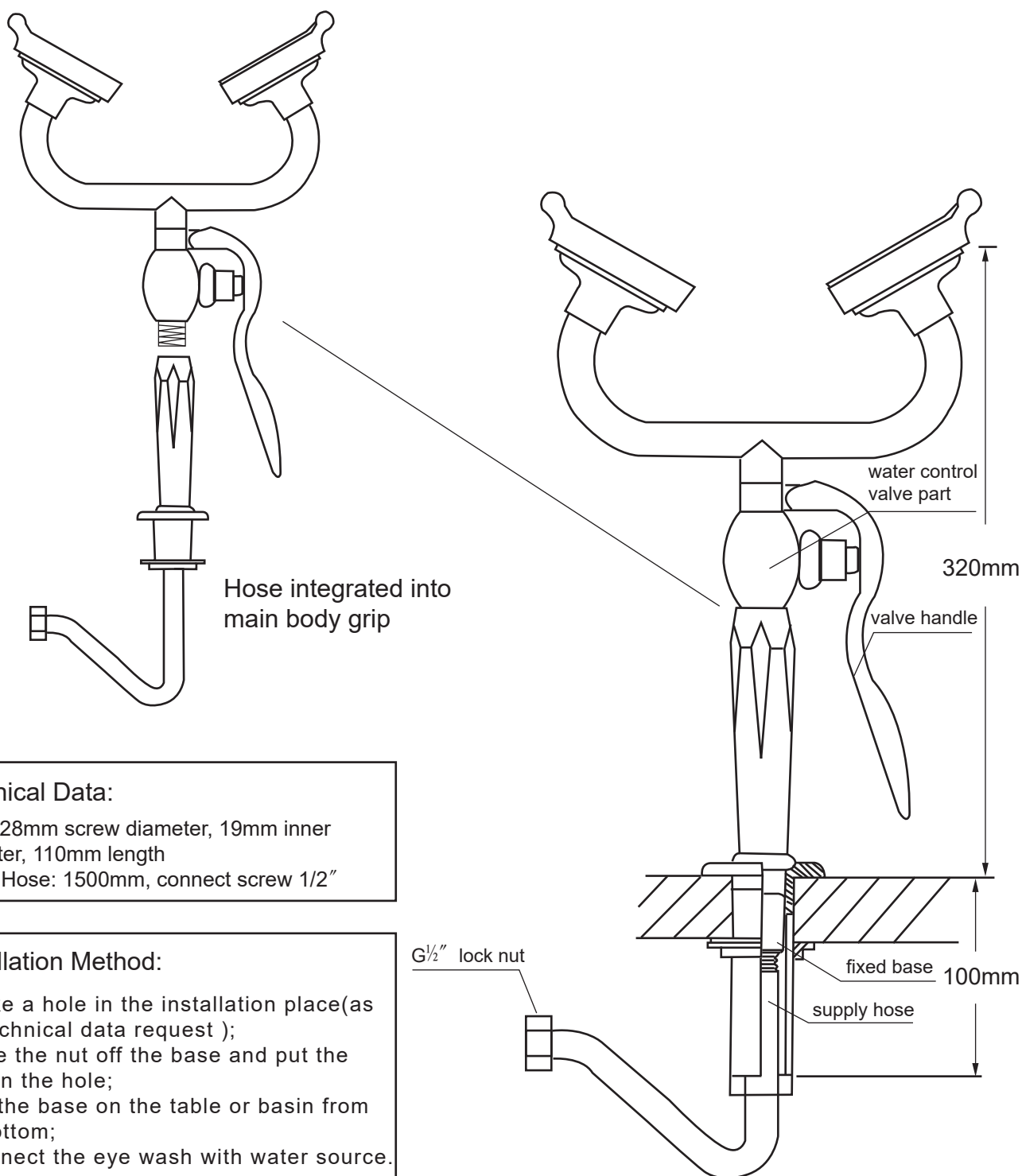
- Regularly check the valve, pipe, eye wash nozzle and bowl.
- Clear the obstructions around the equipment.
- Empty the liquid from the equipment once a week if the equipment is not used for a long time in order to avoid harming the eyes again.

In winter, the emergency equipment must be protected from freezing.

Avoid sudden changes in the equipment's environment to prevent damage and possible malfunction.

Around the emergency equipment there should be adequate lighting so that people can find the equipment in the dark. If necessary, the equipment should be equipped with a warning device, so that other employees can help in an emergency.

BD-504 Double Head Deck Mounted Mounted Eye Wash



Technical Data:

Base: 28mm screw diameter, 19mm inner diameter, 110mm length
Water Hose: 1500mm, connect screw 1/2"

Installation Method:

- 1) Make a hole in the installation place (as per technical data request);
- 2) Take the nut off the base and put the base in the hole;
- 3) Fix the base on the table or basin from the bottom;
- 4) Connect the eye wash with water source.