

# stop silent

## light Prior installation Checklist

### 1. Internal diameter

- In order to provide you the appropriate valve, we need to know the exact internal diameter of the pipe that needs to be protected.

Nominal Diameter (mm) / (inch)	Clamping Range (mm) / (inch)	Total Length (mm) / (inch)	Weight (kg) / (lb)	Allen key size (metric)
DN80 / 3.15"	75-80 / 2.95-3.15	180 / 7.08	0,17 / 0,374	3
DN100 / 4"	93-101 / 3.66-3.98	215 / 8.46	0,3 / 0,661	3
DN110 / 4.3"	98-106 / 3.86-4.17	230 / 9.06	0,34 / 0,75	3
DN125 / 5"	115-125 / 4.53-4.9	270 / 10.63	0,54 / 1,19	3
DN150 / 6"	145-154 / 5.7-6.06	330 / 12.99	1,0 / 2,205	4
DN200 / 8"	183-197 / 7.20-7.76	420 / 16.54	1,75 / 3,858	4
DN250 / 9.8"	230-252 / 9.05-9.92	530 / 20.86	3,09 / 6,812	4
DN300 / 11.8"	280-298 / 11-11.73	650 / 25.59	5,37 / 11,839	6

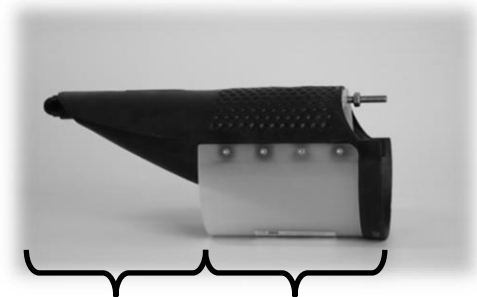
- Dimensions for bigger sizes are on request available. For intermediate diameters, we provide adapters.

### 2. Access to pipe

- Hand-moulded shaft bottoms can be too tight and have to be adjusted manually.

### 3. Length

- The length of the cylindrical clamping range is approximately 1x diameter.
- Also, the length of the conical valve head is approximately 1x diameter.



Conical Valve Head

Cylindrical Clamping

#### 4. MINIMUM SLOPE TO ENSURE SMOOTH OPERATION

- In sewage you need a constant gradient of 2% before the valve
- In rainwater you need a constant gradient of 1% before the valve.

#### 5. TYPE OF MEDIUM

- Private- or industrial drain water
- Rain water


#### 6. INSTALLATION AT THE ENTRANCE OR AT THE EXIT?

- If no large quantities of rainwater flow into the inspection shaft, the valve should be installed in the outlet. During the backwater, no more water will flow off and the shaft thus serves as a reservoir for its own water.  
If there is a large amount of rainwater, we recommend installing the valve in the pipe depending on the area to be protected.
- If there are several inlets into the inspection shaft with different slopes (<2%) and different types of water, it is recommended to additionally secure the inlet with the lowest slope with a Stop Silent Light. This prevents deposits of dirt particles in this area as well as odor nuisance.
- Recommended minimum height under floor 30 cm. This guarantees a higher drainage capacity.

#### 7. CONNECTION PROBLEM?

- For small pipe diameters, soft soap/ soap water can be used to facilitate the insertion of the valve.  
**NO FAT, NO OILS!**

**During long-lasting floods, the internal pipe system can absorb only a limited amount of water. Low water consumption is recommended.**

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