



# GH型管式混合器

## GH Tube Type Mixer



2025

南京贝特环保通用设备制造有限公司  
Nanjing Beite Environmental Protection GE Manufacture Co., Ltd.

## GH型管式混合器 GH Tube Type Mixer

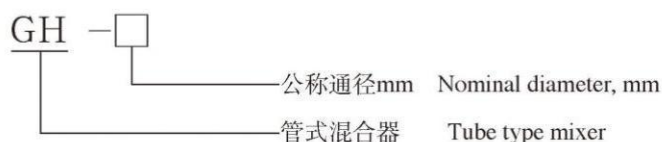
### 用途 Usage

GH型管式混合器用于自来水厂、污水处理厂投药，混合，使药剂与原水充分混合。

GH tube type mixer is used for dosing agents and mixing them with the raw water for full dissolution in water plant and sewage treatment plant.



### 型号表示方法 Type Code



### 特点 Features:

- 1)采用先进技术，混合效果好、水头损失小；
- 2)本产品串接在输送管道中，不另占地，节约工程用地面积；
- 3)无运动件，各元件仅有水力磨损，寿命长，无需维护；
- 4)结构简单，安装方便。
- 5)本系列产品采用交叉固定的三个混合元件，可根据工艺需要变更混合元件的数量。
- 1) Introduce advanced technology , good mixing effectiveness, less loss of water head.
- 2)The product is connected to the conveying pipes in series without the occupation of land for saving the land-use area for the project.
- 3)No moving parts, except for the hydraulic friction, all components have long service life and no need for maintenance.
- 4) Simple structure and facile installation.
- 5)This series Of products employ three crossing fixed components, and the quantity of the mixing components can be changed in accordance with the technological requirement.

### 主要技术参数及尺寸

#### Main Technical Parameters and Dimensions

| 参数、尺寸<br>Parameter<br>型号Model | 管径Tube<br>diameterDN<br>(mm) | 投药口<br>dosing<br>inlet $\phi$ d<br>(mm) | 管长<br>length of<br>tube<br>L | 法兰尺寸<br>Flange dimension(mm) |     |     | 螺孔数量<br>Quantity<br>of bolt<br>holes | 螺孔直径<br>diameter<br>of bold<br>holes | 流量<br>FlowQ<br>(m <sup>3</sup> /h) | 总损失<br>Total<br>loss(m) | 质量<br>Weight<br>(kg) |
|-------------------------------|------------------------------|-----------------------------------------|------------------------------|------------------------------|-----|-----|--------------------------------------|--------------------------------------|------------------------------------|-------------------------|----------------------|
|                               |                              |                                         |                              | D0                           | D   | D1  |                                      |                                      |                                    |                         |                      |
| GH-200                        | 200                          | 25                                      | 1300                         | 200                          | 340 | 295 | 8                                    | 22                                   | 46                                 | 0.06                    | 160                  |
| GH-250                        | 250                          | 25                                      | 1600                         | 250                          | 395 | 350 | 12                                   | 22                                   | 65                                 | 0.06                    | 230                  |
| GH-300                        | 300                          | 25                                      | 1900                         | 300                          | 445 | 400 | 12                                   | 22                                   | 92                                 | 0.06                    | 250                  |
| GH-350                        | 350                          | 25                                      | 2000                         | 350                          | 505 | 460 | 16                                   | 22                                   | 146                                | 0.08                    | 310                  |
| GH-400                        | 400                          | 25                                      | 2400                         | 400                          | 565 | 515 | 16                                   | 26                                   | 250                                | 0.12                    | 380                  |

| 参数、尺寸<br>Parameter<br>型号Model | 管径Tube<br>diameterDN<br>(mm) | 投药口<br>dosing<br>inlet $\phi$ d<br>(mm) | 管长<br>length of<br>tube<br>L | 法兰尺寸<br>Flange dimension(mm) |      |      | 螺孔数量<br>Quantity of<br>bolt holes<br>n | 螺孔直径<br>diameter of<br>bolt holes<br>$\phi$ d | 流量<br>FlowQ<br>(m <sup>3</sup> /h) | 总损失<br>Total<br>loss(m) | 质量<br>Weight<br>(kg) |
|-------------------------------|------------------------------|-----------------------------------------|------------------------------|------------------------------|------|------|----------------------------------------|-----------------------------------------------|------------------------------------|-------------------------|----------------------|
|                               |                              |                                         |                              | D0                           | D    | D1   |                                        |                                               |                                    |                         |                      |
| GH-450                        | 450                          | 25                                      | 2600                         | 450                          | 615  | 565  | 20                                     | 26                                            | 367                                | 0.16                    | 520                  |
| GH-500                        | 500                          | 32                                      | 2800                         | 500                          | 670  | 620  | 20                                     | 26                                            | 460                                | 0.16                    | 740                  |
| GH-600                        | 600                          | 32                                      | 3600                         | 600                          | 780  | 725  | 20                                     | 30                                            | 900                                | 0.29                    | 1010                 |
| GH-700                        | 700                          | 32                                      | 3800                         | 700                          | 895  | 840  | 24                                     | 30                                            | 1350                               | 0.33                    | 1350                 |
| GH-800                        | 800                          | 40                                      | 4400                         | 800                          | 1010 | 950  | 24                                     | 34                                            | 2250                               | 0.50                    | 1650                 |
| GH-900                        | 900                          | 40                                      | 4700                         | 900                          | 1110 | 1050 | 28                                     | 34                                            | 3000                               | 0.57                    | 1860                 |
| GH-1000                       | 1000                         | 65                                      | 5200                         | 1000                         | 1220 | 1160 | 28                                     | 34                                            | 3500                               | 0.57                    | 2680                 |
| GH-1200                       | 1200                         | 85                                      | 6200                         | 1200                         | 1450 | 1380 | 32                                     | 41                                            | 6000                               | 0.69                    | 4400                 |
| GH-1400                       | 1400                         | 85                                      | 7400                         | 1400                         | 1675 | 1590 | 36                                     | 48                                            | 10000                              | 1.01                    | 4980                 |

## 构造及工作过程 Structure and Operating Process

如下图所示，管式混合器由投药管、混合元件和外管组成。

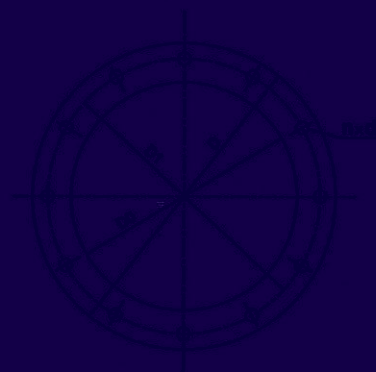
投药管置于混合器上部，原水加药后，经过各混合元件时产生多次对分切割，正反旋流运动和交叉混合，使药剂与原水充分混合后流出。

As shown in the following drawing, the tube type mixer consists of agent dosing tube, the mixed components and the outer tube.

The agent dosing tube is installed in the upper part of the mixer. After dosed agent, the raw water will be halving out for a couple of times through the mixed components and clockwise/anti-clockwise cyclone movements and inter-crossing mixing, the raw water will be fully mixed with the doseant and flow out.



管式混合器外观图  
Drawing of the external appearance of the tube type mixer



进出口法兰尺寸  
Flange dimensions of the inlet and outlet

(注：法兰尺寸可根据用户要求供货)

(Note: For the flange dimensions, the supply can be made according to the user's requirements.)



地址：南京六合经济开发区时代大道 69 号  
Add: No.69 Shidai Avenue, Luhe Economic Development  
Zone, Nanjing, P.R.China  
电话 Tel: +86 25 57139086 86661665 57138396(总机)  
传真 Fax: +86 25 57139096 86669839  
[http:www.njbeite.com](http://www.njbeite.com)  
E-mail:Beite@njbeite.com