



天河水务

# GHL 型核桃壳过滤器

TYPE-CHL FILTER WITH WALNUT SHELLS

## ● 用途 Applications

主要用于石化及其它含油污水处理的新型过滤器，采用有较强吸附能力、化学性质稳定，强度高、耐磨损好的核桃壳作为滤料介质，可采用单级或串联使用，保证出水水质。

The filter is a new type which is mainly used in treatment of sewage from petrochemical industry and treatment of other sewage containing oil. The shell of walnut, which has stronger absorbing ability, stable chemical properties, high strength and good wear ability is used as filtration medium. To ensure the quality of delivery water, either the filter of single stage or the serial filters can be utilized.

## ● 特点 Features

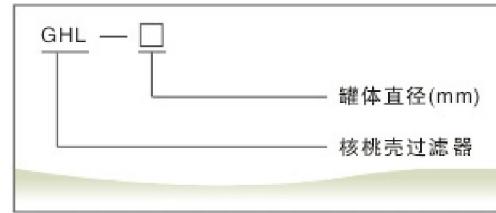
- 采用滤后水反洗，无需气源，运行成本低。
- 滤料耐油性好，无需更换，每年只需补充10%即可。
- 根据出水要求，灵活采用串联或并联运行。
- With no need of source of gas and low cost in operation, the filter is back washed with filtered water. The operation cost is low.
- The filtration medium has good ability to resist oil, no need to replace and only 10% need replenishing every year.
- Whether the serial filters or filters in parallel connection is used depends on the quality of delivery water.

## ● 技术性能参数 Technical Parameters

| 性能项目       | 具体指标                       | 性能项目                      | 具体指标                   |
|------------|----------------------------|---------------------------|------------------------|
| 单台处理能力     | 10~140m³/h                 | 反洗强度                      | 0.3m³/min · m²         |
| 过滤速度       | 20m/h                      | 反洗历时                      | 20~30min               |
| 设计压力       | 0.6MPa                     | 反洗水量比                     | 1~3%                   |
| 阻力损力       | 串联≤0.2MPa<br>并联≤0.2MPa     | 去除率                       | 悬浮物 75~80%<br>油 85~95% |
| 工作周期       |                            | 8~24h                     |                        |
| 粗滤（单台， 并联） | 进水 含油≤100mg/L<br>SS≤50mg/L | 出水 含油≤10mg/L<br>SS≤10mg/L |                        |
| 精滤（单台， 并联） | 进水 含油≤20mg/L<br>SS≤20mg/L  | 出水 含油≤5mg/L<br>SS≤5mg/L   |                        |
| 二级串联       | 进水 含油≤100mg/L<br>SS≤50mg/L | 出水 含油≤5mg/L<br>SS≤5mg/L   |                        |

| 型 号      | 处理量<br>(m³/h) | 罐体直径Φ<br>(mm) | 过滤面积<br>(mm) | 配套水泵(建议)       |            |             | 搅拌电机<br>(kW) |
|----------|---------------|---------------|--------------|----------------|------------|-------------|--------------|
|          |               |               |              | 型 号            | 扬 程<br>(m) | 功 率<br>(kW) |              |
| GHL-800  | 10            | 800           | 0.50         | IS50-32-200A   | 35         | 4           | 4            |
| GHL-1000 | 15            | 1000          | 0.79         | IS65-50-200A   | 38         | 5.5         | 4            |
| GHL-1200 | 20            | 1200          | 1.13         | IS80-65-160A   | 35         | 7.5         | 4            |
| GHL-1600 | 40            | 1600          | 2            | IS80-50-200A   | 45         | 15          | 5.5          |
| GHL-2000 | 60            | 2000          | 3.14         | IS100-65-160A  | 38         | 18.5        | 11           |
| GHL-2400 | 90            | 2400          | 4.52         | IS100-65-200A  | 45         | 22          | 20           |
| GHL-2600 | 100           | 2600          | 5.31         | IS150-125-400A | 38         | 37          | 22           |
| GHL-2800 | 120           | 2800          | 6.15         | IS150-125-400A | 38         | 37          | 30           |
| GHL-3000 | 140           | 3000          | 7.07         | IS150-125-400A | 38         | 37          | 30           |

## ● 型号示例 Type and Its Indication

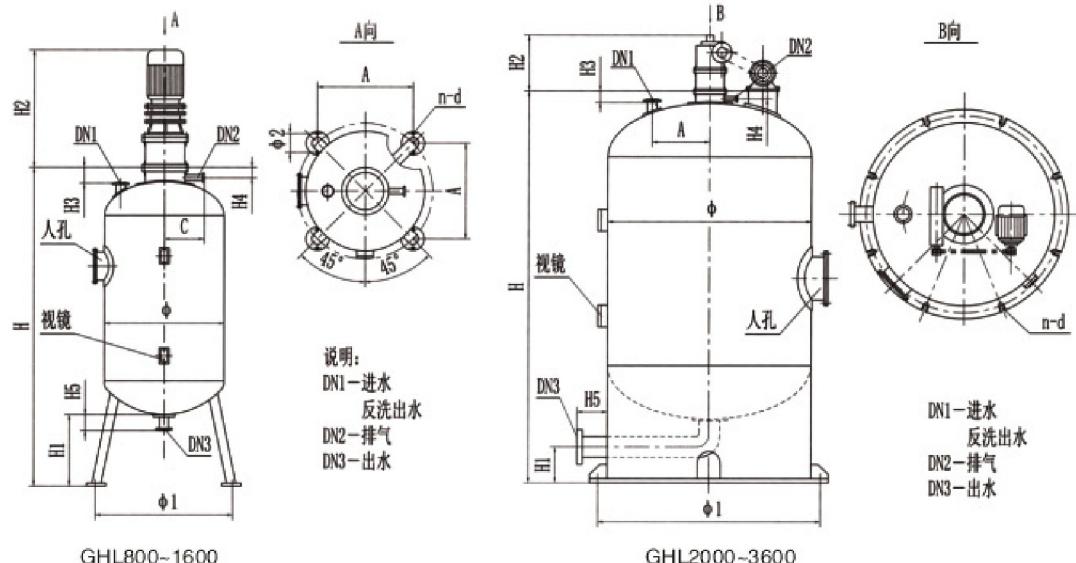




天河水務

## GHL 型核桃壳過濾器 TYPE-CHL FILTER WITH WALNUT SHELLS

## ● 外形及尺寸 Shape and Size



| 尺寸<br>型号 | Φ    | Φ1   | Φ2  | H    | H1  | H2   | H3  | H4 | H5  | A    | n-d   | DN1 | DN2 | DN3 | (mm) |  |
|----------|------|------|-----|------|-----|------|-----|----|-----|------|-------|-----|-----|-----|------|--|
|          |      |      |     |      |     |      |     |    |     |      |       |     |     |     |      |  |
| GHL-800  | 800  | 800  | 185 | 2725 | 350 | 990  | 110 | 70 | 60  | 548  | 8-Φ26 | 65  | 50  | 65  | 3.9  |  |
| GHL-1000 | 1000 | 1000 | 210 | 2980 | 500 | 990  | 100 | 75 | 100 | 700  | 8-Φ26 | 80  | 50  | 80  | 3.2  |  |
| GHL-1200 | 1200 | 1180 | 216 | 2980 | 400 | 990  | 115 | 75 | 80  | 835  | 8-Φ30 | 100 | 50  | 100 | 3.3  |  |
| GHL-1600 | 1600 | 1580 | 240 | 3310 | 500 | 1060 | 120 | 75 | 100 | 1100 | 8-Φ30 | 125 | 50  | 125 | 3.5  |  |

| 尺寸<br>型号 | Φ    | Φ1   | H    | H1  | H2   | H3  | H5  | A   | n-d    | DN1 | DN2 | DN3 | (mm) |     | 地基载荷<br>(t/m <sup>2</sup> ) |
|----------|------|------|------|-----|------|-----|-----|-----|--------|-----|-----|-----|------|-----|-----------------------------|
|          |      |      |      |     |      |     |     |     |        |     |     |     |      |     |                             |
| GHL-2000 | 2000 | 2100 | 3750 | 245 | 950  | 130 | 150 | 600 | 8-Φ32  | 150 | 80  | 150 | 3.4  | 4.4 |                             |
| GHL-2400 | 2000 | 2500 | 3960 | 257 | 950  | 150 | 150 | 700 | 8-Φ32  | 200 | 100 | 200 | 3.7  | 4.7 |                             |
| GHL-2600 | 2600 | 2716 | 4328 | 344 | 1000 | 200 | 150 | 700 | 8-Φ32  | 200 | 100 | 200 | 3.9  | 4.9 |                             |
| GHL-2800 | 2800 | 2900 | 4100 | 270 | 1000 | 200 | 150 | 800 | 8-Φ32  | 250 | 100 | 250 | 4.1  | 5.0 |                             |
| GHL-3000 | 3000 | 3120 | 4630 | 350 | 1000 | 200 | 150 | 820 | 12-Φ32 | 300 | 100 | 300 | 4.3  | 5.2 |                             |

## ● 订货说明 Requirements for Order

- 本设备接口法兰标准为：JB/T81-94，PN1.0MPa。
- 对防腐有要求或内衬防腐材料时，请详细注明。
- 本设备直径超过3.6m时，需现场制作。
- 本设备供货至出口法兰止，需要配套泵、阀门、管道等，请注明名称及数量。
- 需要多台串联或并联运行，且要求自动控制时，请注明。
- 本公司可为用户提供工程的设计、安装、调试一条龙服务。

- The standard of connection flanges used in the filter is JB/T81-94, PN1.0MPa.
- Note in detail the requirements for corrosion-resistance and note whether corrosion-resistant material is lined in the Filter.
- The Filter will be made on spot if its diameter is over 3.6m.
- The filter is available together with outlet flanges, when pumps, valves, pipes, and etc are in need, note them and their quantity.
- Note whether the serial filters or the filters in parallel connection are in need, and whether they are controlled automatically.
- We provide users with design, installation, and adjustment for the customers' engineering.