

## HE-A换热器

### 应用工况

适用于对密封介质及冲洗液进行冷却后送回密封室

### 结构特点

- 设计、制造及检验符合标准GB151 - 1999
- 涉及的焊接过程符合标准GB150 - 1998相关要求
- 双螺旋管冷却结构形式设计
- 介质通过管程，冷却水通过壳程
- 壳体内部防锈处理
- 立式安装
- 换热器内部可实现清洗

### 型号说明

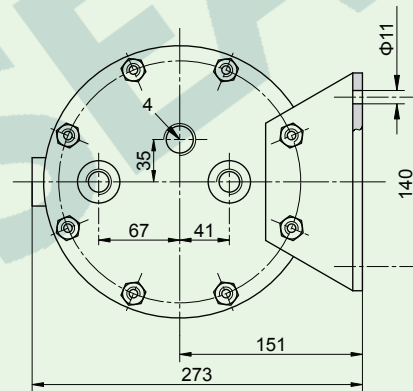
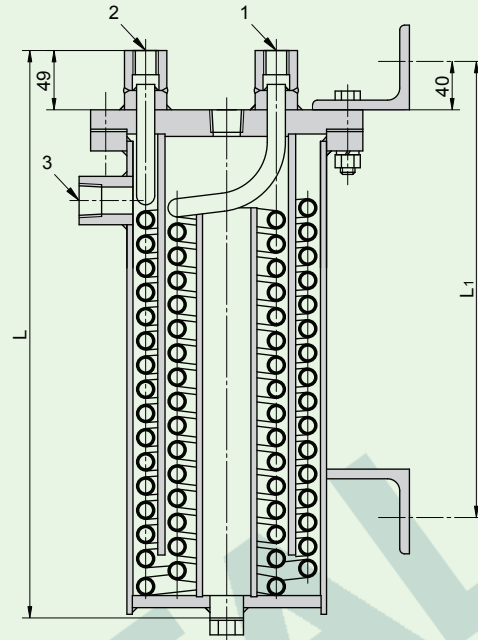
- HE - A40 : 换热面积0.4m<sup>2</sup>
- HE - A60 : 换热面积0.6m<sup>2</sup>
- HE - A80 : 换热面积0.8m<sup>2</sup>

### 冲洗应用

用于实现PLAN21、22、23、41等方案

### 材料构成

- 介质过流部件：316、304
- 冷却水过流部件：碳钢
- 其它结构部件：碳钢
- 密封垫片：PTFE、FKM



- 1. 密封液进口Rp1/2 Buffer fluid IN Rp1/2
- 2. 密封液出口Rp1/2 Buffer fluid OUT Rp1/2
- 3. 冷却水进口Rc3/4 Cooling water IN Rc3/4
- 4. 冷却水出口Rc3/4 Cooling water OUT Rc3/4

### Applications

Designed for returning sealed medium and flushing liquid back to seal chamber after being cooled

### Structure Features

- Design, manufacture and test meet standard GB151 - 1999
- Welding processing meet standard GB150 - 1998
- Double helix cooling structure
- Medium flow through tubes; cooling water flow through the shell
- Internal shell is anti-rust treated
- Heat exchanger is installed in vertical position
- Can be flushed inside of heat exchanger

### Type Descriptions

- HE - A40 : Heat exchanging area : 0.4m<sup>2</sup>
- HE - A60 : Heat exchanging area : 0.6m<sup>2</sup>
- HE - A80 : Heat exchanging area : 0.8m<sup>2</sup>

### Flush Applications

Use PLAN 21,22,23 and 41

### Materials

- Parts in contact with medium : 316,304
- Parts in contact with cooling water : carbon steel
- Other parts : carbon steel
- Seal gasket : PTFE,FKM

### 参数表

| 型号<br>Type | 额定功率<br>Rating power<br>(水/水)<br>kW | 冷却水量<br>Cooling water capacity<br>t=5<br>m <sup>3</sup> /h | 设计压力<br>Design pressure |                  | 设计温度<br>Design temperature | 安装尺寸<br>Installation size<br>(mm) |                |
|------------|-------------------------------------|--|-------------------------|------------------|----------------------------|-----------------------------------|----------------|
|            |                                     |  | 管程<br>tube(bar)         | 壳程<br>shell(bar) |                            | L                                 | L <sub>1</sub> |
| HE - A40   | 8                                   | 1.3  | 63                      | 16               | 250                        | 471                               | 377            |
| HE - A60   | 12                                  | 2.0  | 63                      | 16               | 250                        | 613                               | 527            |
| HE - A80   | 16                                  | 2.7  | 63                      | 16               | 250                        | 773                               | 687            |