

# 罐式清洗设备

## TANK CLEANING EQUIPMENT

### RSH 旋转式洗球

RSH是一种旋转碰头，它使用清洗介质进行全面的覆盖和冲洗。由于此设备在低压下使用的洗涤液量较少，因此它是传统固定喷球的一种有效替代产品。RSH旋转头中采用双滚珠轴承，这使其适用于所有工业清洗应用领域，它包括储罐、反应器、容器和其他容量在0.05m<sup>2</sup>至50m<sup>3</sup>（取决于具体尺寸和清洗任务）的容器。

清洗介质的流动使RSH的喷头产生转动，扇形喷流在整个储罐或反应器中形成涡流。因此产生有效清除残余产品所需的冲击力。层叠的流动可清洗到容器的所有内表面。

### 技术数据

材质

AISI 316L(UNS S31603)

最小口径

RSH-25 25mm diameter(DN25)

RSH-45 45mm diameter(DN45)

RSH-65 65mm diameter(DN65)

最高工作温度

90°C（最高环境温度140°C）

清洗半径/湿润半径

RSH25 max.r=0.6M/2.5M

RSH45 max.r=1.4M/3M

RSH65 max.r=2M/3M

工作压力

1-3bar

喷流形式

360/270以上/180以下

接口形式

螺纹式、焊接式、插销式



### RSH rotary washing ball

RSH is a kind of rotation, head uses it USES the cleaning medium to conduct a comprehensive coverage and flushing. Due to the less use of washing liquid in low pressure equipment used in low, it is one of the effective way to replace the traditional way. RSH swivel adopts double ball bearing, that makes it suitable for all industrial cleaning applications, it includes a tank, reactor, container and other capacity in 0.05 m<sup>2</sup> to 50 m<sup>3</sup> (depending on the size and cleaning tasks) of the container.

The flow of the cleaning medium make RSH rotating sprinkler, fan-shaped spray flow in the formation of vortex in the tank or the reactor. The impact of the resulting effectively remove residual product required. Cascade flow can clean all of the inner surface to the container.

### Technical data

The material

AISI 316 L (UNS S31603)

The smallest diameter

RSH - 25 25 mm diameter (DN25)

RSH - 45 45 mm diameter (DN45)

RSH - 65, 65 mm diameter (DN65)

The highest working temperature  
90 °C (maximum ambient temperature 140 °C)

/ wet cleaning radius radius

RSH25 Max. R = 0.6 M / 2.5 M

RSH45 Max. R = 1.4 M / 3 M

RSH65 Max. R = 2 m / 3 m

Pressure of work

1-3 bar

Jet form

More than 360/270/180 below

Interface form

Screw type, welding type, bolt type

### KSB- 固定式喷球

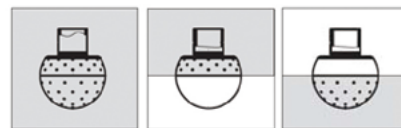
KSB是食品和饮料行业中一种用来清洗储罐的固定喷球。固定喷球用于要求较低的清洗任务。

### KSB - fixed spray ball

1.KBS is a kind of fixed spray ball used for tank cleaning in food and beverage industry

2.Fixed spray ball is used for cleaning tasks that request lower.

喷流形式



360°

180°以上

180°以下

# 罐式清洗设备

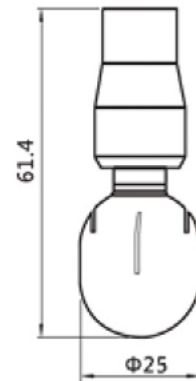
## TANK CLEANING EQUIPMENT

### RSH 旋转式洗球 -Φ25

润滑剂：通过清洗液自润滑  
 材质：SISI 316L(UNSS31603)  
 口径：Min.Φ25mm  
 工作压力：1~3bar  
 推荐压力：2bar  
 工作温度：95°C  
 环境温度：140°C  
 润滑半径：2.5m  
 清洗半径：Max.0.6m  
 接口形式：螺纹式,3/8"Rp(BSP)  
 插销式,3/4"(BPE/3A)  
 焊式,3/4"(BPE/3A)  
 表面处理：外表面Ra≤0.5um,内表面Ra≤0.8um

### RSH rotary washing ball - Φ 25

Lubricants: by cleaning fluid lubrication  
 Material: 316 L SISI (UNSS31603)  
 CAL: Min. Φ 25 mm  
 Job stress: 1 ~ 3 bar  
 Recommend a pressure: 2 bar  
 Working temperature: 95 °C  
 Ambient temperature: 140 °C  
 Lubrication radius: 2.5 m  
 Cleaning radius: Max. 0.6 m  
 Interface form: screw-type, 3/8 "Rp (BSP)  
 Bolt type, 3/4 "(BPE / 3 a)  
 And welded, 3/4 "(BPE / 3 a)  
 Surface treatment: the surface Ra acuties were 0.5 um,  
 inner surface Ra 0.8 um or less



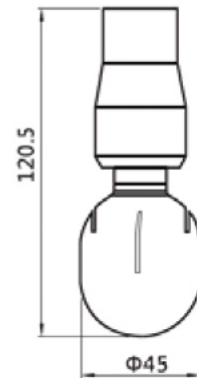
焊式

### RSH 旋转式洗球 -Φ45

润滑剂：通过清洗液自润滑  
 材质：AISI 316L(UNSS31603)  
 口径：Min.Φ45mm  
 工作压力：1~3bar  
 推荐压力：2bar  
 工作温度：95°C  
 环境温度：140°C  
 润滑半径：3m  
 清洗半径：Max.1.4m  
 接口形式：螺纹式,3/4"Rp(BSP)  
 插销式,1.0"(BPE/ISO)  
 焊式,1.0"  
 表面处理：外表面Ra≤0.5um,内表面Ra≤0.8um

### RSH rotary washing ball - Φ 45

Lubricants: by cleaning fluid lubrication  
 Material: AISI 316 L (UNSS31603)  
 CAL: Min. Φ 45 mm  
 Job stress: 1 ~ 3 bar  
 Recommend a pressure: 2 bar  
 Working temperature: 95 °C  
 Ambient temperature: 140 °C  
 Lubrication radius: 3 m  
 Cleaning radius: Max. 1.4 m  
 Interface form: screw-type, 3/4 "Rp (BSP)  
 Bolt type, 1.0 "(BPE/ISO)  
 Welding type, 1.0"  
 Surface treatment: the surface Ra acuties were 0.5 um,  
 inner surface Ra 0.8 um or less



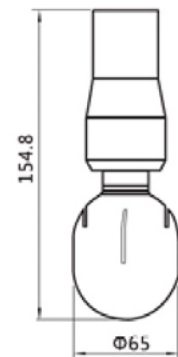
焊式

### RSH 旋转式洗球 -Φ65

润滑剂：通过清洗液自润滑  
 材质：AISI 316L(UNSS31603)  
 口径：Min.Φ45mm  
 工作压力：1~3bar  
 推荐压力：2bar  
 工作温度：95°C  
 环境温度：140°C  
 润滑半径：3m  
 清洗半径：Max.2m  
 接口形式：插销式,1.5/2.0"(BPE/ISO)  
 焊式,1.5/2.0"(BPE/ISO)  
 表面处理：外表面Ra≤0.5um,内表面Ra≤0.8um

### RSH rotary washing ball - Φ 65

Lubricants: by cleaning fluid lubrication  
 Material: AISI 316 L (UNSS31603)  
 CAL: Min. Φ 45 mm  
 Job stress: 1 ~ 3 bar  
 Recommend a pressure: 2 bar  
 Working temperature: 95 °C  
 Ambient temperature: 140 °C  
 Lubrication radius: 3 m  
 Cleaning radius: Max. 2 m  
 Interface: the bolt type, 1.5/2.0 "(BPE/ISO)  
 Welding type, 1.5/2.0 "(BPE/ISO)  
 Surface treatment: the surface Ra acuties were 0.5 um,  
 inner surface Ra 0.8 um or less



焊式