

新一代360°旋转喷射器

Rotary jet head(360°)

主要特点 Features

喷射器是一种先进的灌清洗机应用于：

- | | |
|----------|--------|
| ◆ 食品与乳制品 | 优势 |
| ◆ 制药 | ◆ 自清洗 |
| ◆ 化学处理 | ◆ 低液消耗 |
| ◆ 运输设备 | ◆ 卫生设计 |
| ◆ 饮料 | |

The injector is a kind of advanced irrigation cleaner used in:

- | | |
|-------------------------------|--------------------------|
| ◆ The food and dairy products | Advantage |
| ◆ Pharmaceutical | ◆ Self-cleaning |
| ◆ Chemical treatment | ◆ Low liquid consumption |
| ◆ Transport equipment | ◆ Hygenic design |
| ◆ Beverage | |

工作原理 Operating principles

- ◆ 喷射器是卫生的水箱清洗机，提供360° 覆盖范围在一个给定的罐或过程容器。喷射器是由流动的液体通过叶轮产生的动能。在压力和流量的增加会相应增加射流的长度和冲击力到罐或容器表面。
- ◆ 喷射器独特的自我清洗功能，内部被完全充分清洗。
- ◆ Rotary injector is hygienic tank cleaner, with 360 ° coverage in a given tank or process container. The rotary jet head is driven by flow liquid through impeller. In the pressure and flow increase will increase the length of the jet and the impact to the tank or vessel surface.
- ◆ Rotary injector with unique self cleaning function, internal is completely cleaning.

水箱清洗设备/安装方式 Tank cleaning equipment/Installation



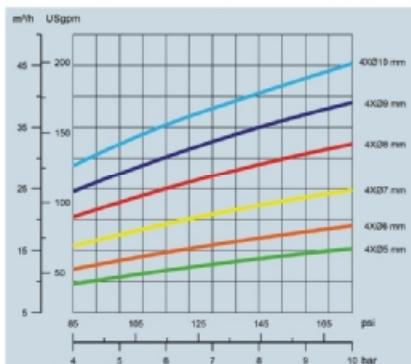
典型应用 Typical application

- ◆ 固定安装CIP系统
- ◆ 过程容器和反应堆
- ◆ 储罐
- ◆ 运输罐设备
- ◆ 发酵
- ◆ 酵母繁殖
- ◆ Fixed installation CIP system
- ◆ Process containers and reactor
- ◆ Store tank
- ◆ Transport tank equipment
- ◆ Fermentation
- ◆ Yeast breeding

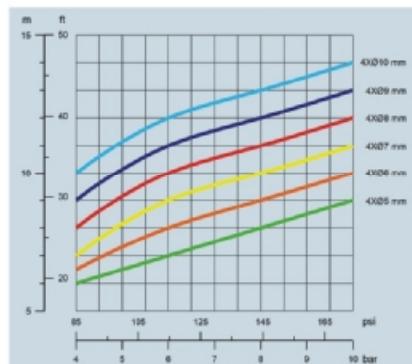
技术参数 Technical paramet

- ◆ 流量: 4–45m³
- ◆ 进口压力: 4–10bar
- ◆ 建议压力: 6bar
- ◆ 最高温度: 95°C
- ◆ 连接标准: 螺纹 BSP, 1.5"-DN40/1"DN25
- ◆ 卡箍DIN/INCH, 1.5"-DN40
- ◆ 材质: 316L/1.4404, 聚四氟乙烯
- ◆ 润滑: 清洗介质
- ◆ Flow: 4–45 m³
- ◆ inlet pressure: 4–10 bar
- ◆ Suggest pressure: 6 bar
- ◆ Max temperature: 95°C
- ◆ Connection: BSP, 1.5"- DN40/1"DN25
- ◆ Clamp DIN/INCH, 1.5"- DN40
- ◆ Material: 316L/1.4404, PTFE
- ◆ Lubrication: cleaning medium

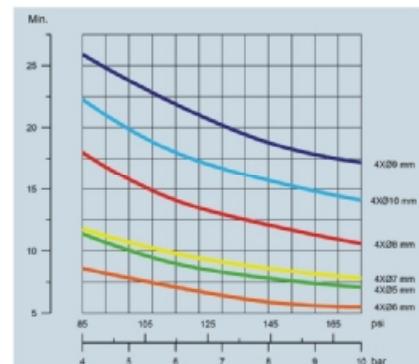
性能曲线图 Performance curve



压力/流量曲线图
Pressure/flow Curve

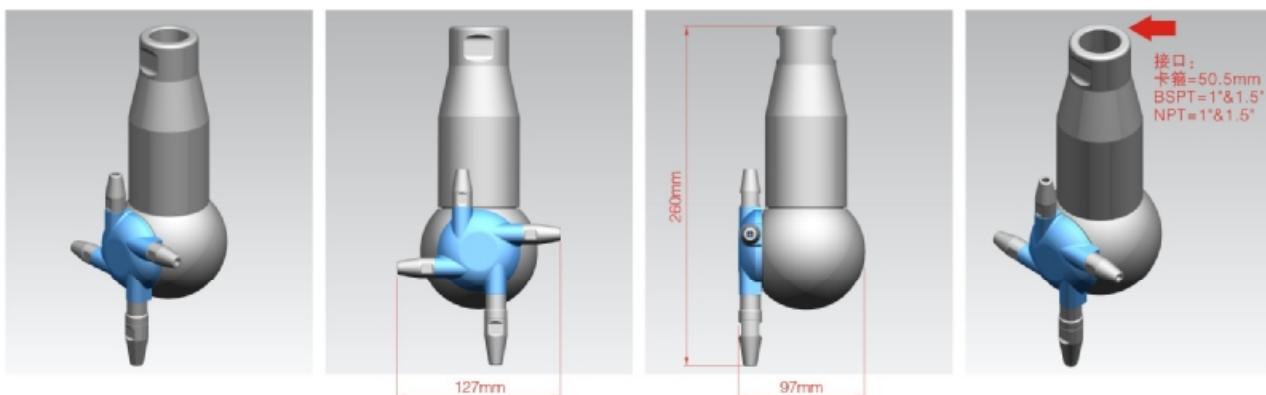


压力/射流长度曲线图
Pressure/jet length curve



推荐清洗时间曲线图
Recommend cleaning time curve

规格参数 Specifications



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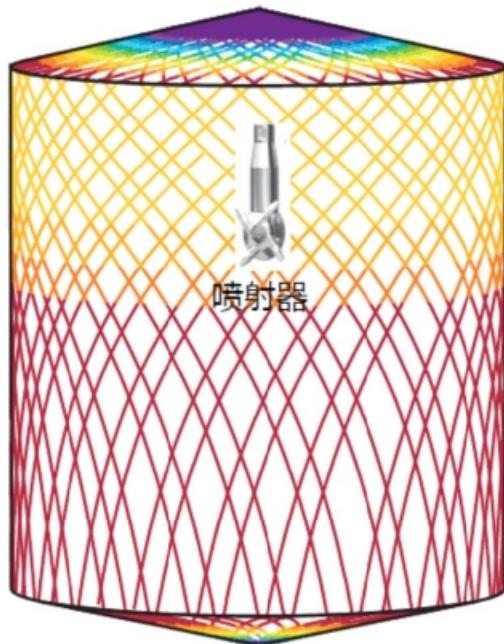
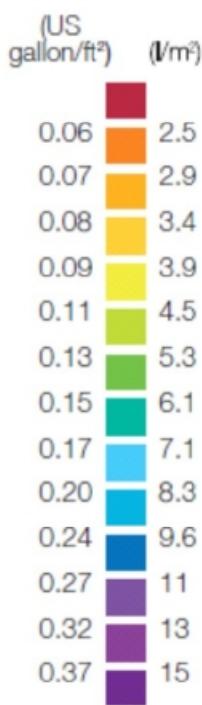
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软件模拟工具 Software simulation tool

以下图案是通过软件模拟实现，可以模拟在特定储罐或容器中的工作方式模拟过程将给出有关湿润强度、型网宽度和喷洗速度的信息。此信息用于确定储罐清洗机的最佳位置，以及要实施的流量、时间和压力的正确组合。演示包含各种不同的清洗模拟方案，涵盖了各种应用领域，可以用作储罐洗应用领域的参考和文献

The following pattern is achieved through software simulation. Can simulate a particular tank or vessel work simulation gives about cleaning intensity, Web width and spray type washing speed information. This information is used to determine the best position of tank cleaning machine, And the correct combination of traffic, time, and pressure to implement.

湿润强度



罐体：OD4.6m 高度H5.5m, 4 x ø5.5 mm, 时间 = 2.08 分钟, 耗水量 = 403 升



罐体：OD4.6m, 高度H5.5m, 4 x ø5.5 mm, 时间 = 8.3 分钟, 耗水量 = 1612 升