

PB增压罐

应用工况

适用于为双端面密封闭路循环密封液进行加压和补液

结构特点

符合标准JB/T 7055 - 1993

利用活塞原理实现增压功能

密封液与介质压力比值恒定

活塞具有阻尼器作用，系统状态平稳

可附加触点接触器监视缓冲液液位

采用凹进垫片密封的连接方式

储存并冷却缓冲液

采取MIG对焊或TIG反面对焊

壳体方便拆卸，零部件清洗简单

立式安装

冲洗应用

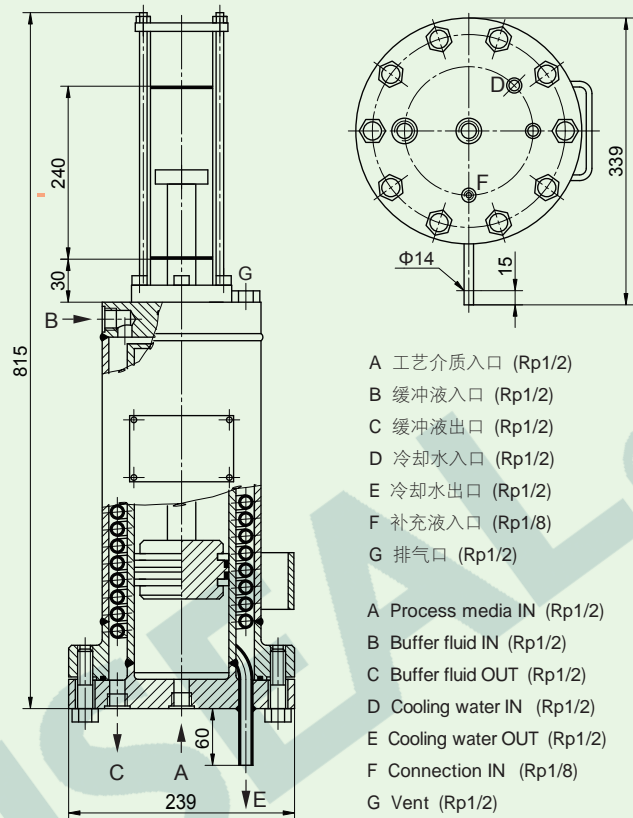
用于实现PLAN53(C)冲洗方案

材料构成

过流金属：316、304

密封垫：PTFE

防护管：硼硅酸玻璃



A 工艺介质入口 (Rp1/2)

B 缓冲液入口 (Rp1/2)

C 缓冲液出口 (Rp1/2)

D 冷却水入口 (Rp1/2)

E 冷却水出口 (Rp1/2)

F 补充液入口 (Rp1/8)

G 排气口 (Rp1/2)

A Process media IN (Rp1/2)

B Buffer fluid IN (Rp1/2)

C Buffer fluid OUT (Rp1/2)

D Cooling water IN (Rp1/2)

E Cooling water OUT (Rp1/2)

F Connection IN (Rp1/8)

G Vent (Rp1/2)

Applications

Designed for pressurizing or refilling of closed circulation of sealing fluid in double faces mechanical seals

Structure Features

In accordance with JB/T 7055 - 1993

Realize pressure booster using piston principle. The ratio of sealing fluid and media pressure is permanent

The piston has damper effect, keep the system stable

Finger contactor is attachable to supervise buffer fluid level

Adopt the connection of recess gasket sealing

Storing and cooling buffer fluid

Adopt butt - welded MIG process and counter butt - welded TIG

Casing is easy to dismantle, all parts are readily accessible for cleaning

Vertical installment

Flush Applications

Use PLAN53(C)

Materials

Metal parts : 316,304

Seal gasket : PTFE

Protective pipe : Borosilicate glass

参数表

型号 Type	温度 Temperature	压力等级 Pressure grade	活塞比 Piston ratio	有效容积 Effective capacity	壳体容积 Shell capacity	换热面积 Heat-exchange area
PB11	-60 to + 120	63bar	1:1.1	2L	4L	0.26m ²
PB15	-76 ℉ to + 248 ℉	63bar	1:1.5	1.5L	4L	0.26m ²