

双座防混阀

Double Seat Mix Proof Valve

YODSN 永德信®



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功能特性介绍 / Features Introduction

- 此系列防混阀，对二种不可混合的介质能有效进行防混分隔。当阀门关闭时上下管路间为双密封，从而有效防止管道间的混流。若密封件受损时，泄漏物可通过阀心中的泄漏腔排出体外，有效观测及时维修更换配件。本系列产品有多种规格和形式可供选择。
- This series mix proof valve, for two kinds of mixed media can not be effectively separated mixproof. When the valve. When you close down the pipeline between double sealed to prevent pipeline between Francis. If the seals. When damaged, leakage can be excreted through the leak valve chamber heart, Effective observation and timely maintenance and replacement parts. This series of products to choose from a variety of sizes and forms.

工作原理 / Operating principles

- 基本型双座防混阀系列是通过压缩空气进行遥控操作的。该阀门于正常情况下常闭。
- 该型阀门具有两个独立的阀芯密封件，在正常工作状态时这两个密封件之间就会形成一个与大气相通的泄漏腔。在偶尔可能出现事故或产品泄漏的情况下，产品就会流进这个泄漏腔，并且从排出口被排放出去，不会造成产品的污染或混料；当阀门处于开启状态时，该漏腔是闭合的，在阀门正常运行过程中，并不存在产品溢出的情况。因此所输送的产品就能够从一条管线流到另一条去。该型阀门可以进行CIP清洗。
- 永德信双座阀系列配备宝德1066智能控制器，不仅能实现双座阀的远程控制，同时能实现对阀门工作状态的实时监控，也可只配备位置传感器。
- Basic double seat mix proof valve is controled through compressed air . The valve is a normally closed (NC) valve.
- The double seat valve has two divided seals of valve disc . It has a interlinked cavity of leak between two seal at working . While it happen leaking , the products will inpour the cavity and flow away from exit .It will not caused pollution and mixing .The leaking cavity closed while the valve working .It is impossible to overflow for the products .so the products can be transported from one pipe to another . Also the valve can be washing CIP .
- Yodsn double seat valve with burkert company's 1066 intelligent control head, not only achieved remote control , and monitoring under working , can setting only transducer.

技术参数 / Technical Data

- 最大产品压力: 1000kpa (10bar)
- 最小产品压力: 完全真空
- 温度范围: -10℃至135℃ (EFDM)
- 空气压力: 最大800kpa (8bar)



材料 / Materials

- 产品过流钢制部件: 304/316L
- 其他钢制部件: 304
- 产品过流密封件: EPDM
- 其他密封件: CIP密封件 (EPDM)
气动装置密封件 (NBR)
导流片 (PFTE)
- 表面光洁度: 内层/外层 (喷砂处理) $Ra < 1.6$
内层 (CNC加工) $Ra \leq 1.6$
内层/外层 (内层抛光型) $Ra \leq 0.8$
注意! Ra 值仅限指内表面
- Product wetted steel parts: 304 / 316L
- Other steel parts: 304
- Product wetted seals: EPDM
- Other Seals: CIP seals (EPDM)
Pneumatic means seal (NBR)
Deflector (PFTE)
- Surface finish: Inner / outer (sandblasted) $Ra < 1.6$
The inner layer (CNC machining) $Ra \leq 1.6$
Inner / outer (inner polishing type) $Ra \leq 0.8$
Note! Ra value only refers to the inner surface