

SANITARY ANGLE PNEUMATIC REGULATING CONTROL VALVE



Introduction of the sanitary pneumatic regulating valve(control valve)

This type pneumatic regulating valve is suitable for different pressure, temperature, flow rate,.. And is widely used in food, pharmacy,cosmetic, purified water, beer, beverage, biotech... And ect industries. This valve is designed with compact construction, assembly easily and the regulating is very precise.

Feature and advantage

The angle design makes the valve very clean and perfect. The surface is very smooth and clean, without any dead angle places. And the valve is very easily assembly and disassembly.

Technical data

The valve type: angle type ball body, two way, three way, and you can choose the more way valve body

Size: Dn15、 25、 40、 50、 65、 80、 100mm

Pressure: PN1.0MPa

Connection type: welded, tri-clover type, flanged type, threaded...

Material: SS304, SSS316L

Gasket: EPDM, PTFE

Valve parts

Valve stem type: single seat plunger type

Flow rate feature: Equal percentage

Material: SS304, SS316L

Actuator construction type: multi-spring type actuator

Gasket: Ethylene propylene rubber clip nylon

Spring range: 1.5~3kg/cm² (0.15~0.3MPa)

Pneumatic air connection size:M16×1.5

Environment temperature: -30~+70℃

Valve body type: Air open or Air closed type

Others: valve positioner, handle, air filter pressure reducing valve, transporting device...

Performance details

Leakage rate: less than 0.01% of set Kv

Return difference:

With valve positioner: less than 1% of the total trip

Without positioner: less than 3% of total trip

Basic tolerance:

With valve positioner: less than 1% of the total trip

Without positioner: less than 5% of total trip]

Regulating range: 50:1

一、卫生级气动薄膜调节阀 概述

ZTRS(ZRS-10K)气动卫生型调节阀适用于各种压力、温度、流量等物理量调节，如食品、制药、化妆品、洁净蒸汽、酒类、饮料、生化工业过程控制场合。具有结构紧凑、装拆方便、调节精度高等优点，尤其是在压降损失小、流量大、可调范围广、流量精度高，完全符合 IEC534-1-1978标准。阀门泄漏量符合 ANSIB16.104标准，调节阀配用不同的多弹簧执行机构，输出力大。

二、卫生级气动薄膜调节阀 特性和优点

角型设计确保阀门自排放，标准电子抛光，光滑表面确保清洁，无介质积存区域，不会产生潜在的污染。快速拆装阀体和阀帽，使阀门打开和维修快捷容易，使过程停机时间缩短。

三、卫生级气动薄膜调节阀 技术参数

阀体型式：角型铸造球体式（标准型）三通、直通、多通等（变型产品）

公称通径：Dn15、25、40、50、65、80、100mm

公称压力：PN1.0MPa

连接型式：卡箍式、螺纹式、法兰式（如无合同约定，将按卡箍式连接供货）

材 料：不锈钢304SS、316SS、316LSS

填 料：三元乙丙橡胶,聚四氟乙烯

四、卫生级气动薄膜调节阀 阀内组件

阀芯型式：单座柱塞型阀芯

流量特性：等百分比（E%）；直线（L）

材 料：不锈钢304SS、316SS、316LSS

执行机构型式：多弹簧式膜片执行机构

膜片材料：乙丙橡胶夹尼龙

弹簧范围：1.5~3kg/cm² (0.15~0.3MPa)

气源接口：M16×1.5

环境温度：-30~+70℃

阀体型式：气开式或气关式

五、卫生级气动薄膜调节阀 附件

JONENG VALVES CO.,LIMITED

阀门定位器、手轮机构、空气过滤减压阀、行程开关、阀位传送器等。

六、卫生级气动薄膜调节阀 性能

泄漏量：小于额定 Kv 的0.01%

回差：带定位器：小于全行程的1%；不带定位器：小于全行程的3%

基本误差：带定位器：小于全行程的 $\pm 1\%$ ；不带定位器：小于全行程的 $\pm 5\%$

可调范围：50：1

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