

无滞留球阀

NO-RETENTION BALL VALVE



应用

该球阀根据3A,ASME,BPE标准设计，主要应用于生物制药、食品饮料、酿酒、化工等工业领域。

技术特点

全包式球阀设计，无滞留高洁净，满足CIP、SIP杀菌和清洗要求，耐高温180°C，压力30bar,自动补偿密封设计，具有扭矩小，寿命长等特点。

可配置各种执行结构，如电动、卧式气动、不锈钢立式气动、钥匙手动柄，还可以加装控制单元、定位器、位置传感器等可兼容自动控制系统。

Applications

The ball valve is according to the 3A, ASME, BPE standard design, mainly used in pharmaceutical, food and beverage, wine, chemical and other industrial.

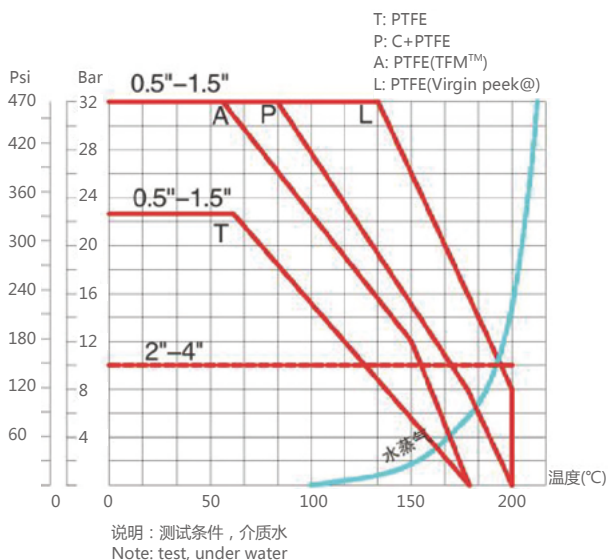
Technical characteristics

All-inclusive tee design, no retention high purity, meet the requirement of CIP and SIP sterilization and cleaning, has a range of 180 °C, pressure 30bar, automatic compensating sealing design, small torque, long service life etc.

Available with a variety of structures, such as electric horizontal pneumatic, stainless steel, horizontal vertical pneumatic key manually handle, can also be equipped with control unit, locator, position sensor and other compatible automatic control system.



球阀压力 - 温度曲线图
Pressure And Temperature Curve



直通无滞留球阀扭矩表，单位 (N.M) Operating Torque(N.M)

SIZE	1"-3/4"	DN25-1"	DN32-1 1/4"	DN40-1.5"	DN50-2"	2.5"-DN65	3"	DN80	4"-DN100
扭矩	6	10	12	14	20	40	75	90	110

注意：选择执行器建议增加20%安全余量

表面处理

所有的表面CNC，0.8μm，达到RA0.4μm，电抛光可达到0.25μm

Surface finish

CNC machining all surfaces to 0.8μm, polishing can be achieved RA0.4μm, electro-polishing can reach 0.25μm

Conversion Table of Surface Finishes

Surface Designation		Machanically Polished			
ASME BPE	GRIT	Ra Average		Ra Max	
		μ-in	μ-m	μ-in	μ-m
SFV 1	GRIT 320	15	0.375	20	0.50
SFV 2	GRIT 240	20	0.50	25	0.625
SFV 3	GRIT 180	25	0.625	30	0.75

Surface Designation		Machanically and Electropolished			
ASME BPE	GRIT	Ra Average		Ra Max	
		μ-in	μ-m	μ-in	μ-m
SFV 4	GRIT 320	10	0.25	15	0.375
SFV 5	GRIT 240	15	0.375	20	0.50
SFV 6	GRIT 180	20	0.50	25	0.625