



概述 Overview

- 1、流体阻力小，球阀是所有阀类中阻力最小的一种。
- 2、开关迅速，方便，只要阀杆转动90°，球阀就完成了全开或全关动作，很容易实现快速启闭。
- 3、阀座密封性好。大多数球阀的密封圈都采用聚四氟乙烯等弹性材料制造，软密封结构易于保证密封，而且球阀的密封力随着介质压力的增高而增大。
- 4、阀杆密封可靠。球阀启闭时阀杆只作旋转运动而不作升降运动，阀杆的填料密封不易破坏，且阀杆的倒密封的密封力随介质压力的增高而增大。
- 5、由于聚四氟乙烯等材料具有良好的自润滑性，与球体的摩擦磨损小，故球阀的使用寿命长。
- 6、可配置气动，电动，液动等多种驱动机构，实现距离控制和自动化操作。
- 7、阀体内通道平整光滑，可以输送粘性流体，浆液以及固体颗粒。

- 1、Low fluid resistance,Ball avlve has the lowest fluid resistance among all the types of valves.
- 2、Quick and easy open and close,With stem rotated by 90°, ball valve can be fully opened and closad,easily and quickly.
- 3、Good seat sealing,The seal rings of most ball valves are made of eastic material such as PTFE and etc,The structure of sot seal is good for seal,The sealing force of ball valves increases with the rise of the pressure of medium.
- 4、Reliable stem seal,Upon the opening and closing of ball valve,stem makes only rotation but not up-and-down movement,Stem packing seal is uneasy to be damaged,and the sealing force of stem increases with the rise of pressure of medium
- 5、As PTFE material and etc,are well self-lubricated,with little abrasion to the ball body,and long service life.
- 6、Muliple actuating mechanism such as pneumatic,electric and hydraulic to effect distant control and automated operation.
- 7、Smooth channel inside the valve body to deliver viscous fluid,slurry and solid particles.

产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	GB/T12237 JB/T7745	GB/T12221 JB/T7745	JB/T79	JB/T9092	GB/T12220	JB/T7928
	API 608 API6D	API 608 API6D	ANSI B16.5	API 598 API6D	BSS SP-25 API6D	API 608 API6D

产品性能规范 Chief property and specification

公称压力(PN) pressure	1.6	2.5	4.0	6.4
壳体试验压力 Shell test pressure	2.4	3.8	6.0	9.6
密封试验(液) Seal test	1.8	2.8	4.4	7.0
密封试验(气) Seal test	0.5 - 0.7			
适用介质 Applicable medium	C 水、油品、蒸汽 Water,oil,steam P 硝酸类 Nitric acid R 醋酸类 Acetic acid			
适用温度 Applicable temperature	≤200℃			

主要零件材料 Material for main parts

名称 Parts	WCB 类	CF8 类	CF3 类	CF8M 类	CF3M 类
阀体左体 Body&Body cap	A216-WCB	A315-CF8	A35-CF3	A351-CF8M	A351-CF3M
球 Ball	A105-1025	A182-F304L	A182-F304L	A132-F316	A182-F316L
阀杆 Steml	A182-F6a	A182-F304	A182-F304L	A182-F336	A182-F316L
阀座 Seat	PTFE/增强PTFE/NYLIN PTFE/Reinforced PTEF/Nyion				
阀座支承圈Seat Retainer	A105-1025	A182-F304	A182-F304L	A182-F316	A182-F316L
弹圈 Spring	-	3yc-7/17-49H			
O形圈 O-ring	NBR	氟橡胶Viton			
螺柱 Stud	A193-B7	A193-B8			
螺母 Nut	A194-2H	A194-8			