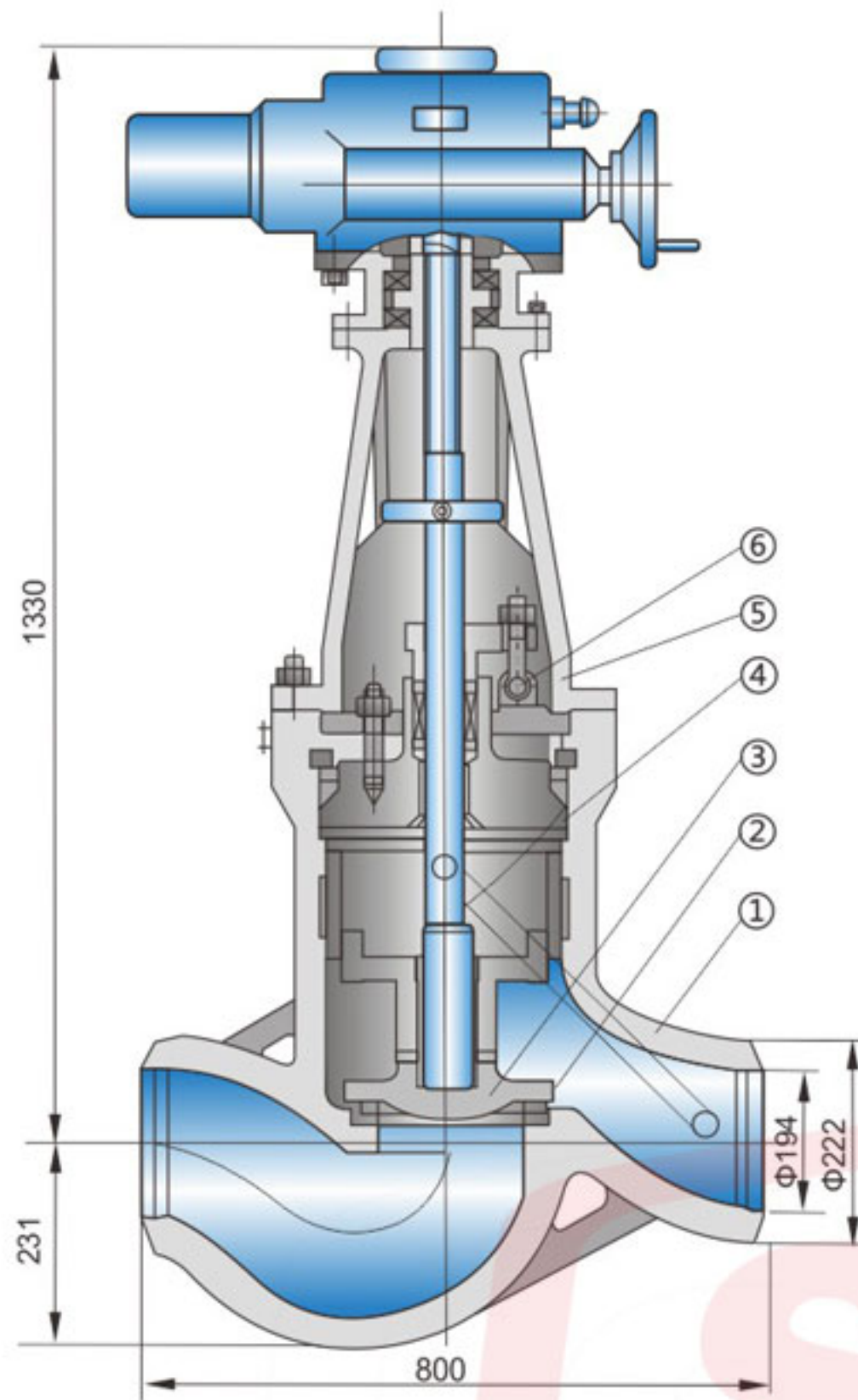


## • 电站特殊专用阀门之三截止-止回阀



### 结构简述

1. 阀门采用压力自紧式密封，介质压力越高，密封性能越好，密封圈采用成型石棉盘根。
2. 阀瓣在阀体内作升降运动，运行前先将阀杆提起，靠介质压力将阀门自动打开。当锅炉发生故障时，阀门入口压力降低，介质倒流将阀门快速关闭。
3. 阀门支架与电动装置相连，使阀门达到更好的密封。
4. 阀瓣和阀座密封而采用钴基硬质合金等离子喷焊而成，耐磨、抗擦伤性能良好。
5. 阀杆表面经抗蚀性氮化处理，具有良好的抗腐蚀性和抗擦伤性。
6. 阀门可进行手、电动切换，手动时自动切断电源，手轮顺时针旋转为关闭阀门。

### Brief Structure

1. Valve pressure from the tight seal, the higher the medium pressure, the better the sealing performance, the use of molding ring asbestos packing.
2. Valve in the valve body for lifting movements, before the operation of the stem lift, press the media pressure will automatically open the valve. When the boiler fails, the valve inlet pressure decreases, the media back to the valve quickly shut down.
3. Valve bracket and electric device connected to the valve to achieve a better seal.
4. Valve and valve seat seal and the use of drilling-based carbide plasma spray welding, wear, anti-scratch performance.
5. Stem surface corrosion treatment by nitriding, with good corrosion resistance and scratch resistance.
6. The valve can be hand, electric switch, manually cut off the power automatically, hand wheel clockwise rotation to close the valve.

### 用途

截止-止回阀安装在联合循环余热炉的主蒸汽管道上，作为防止介质倒流，当锅炉发生故障，靠介质压力快速将阀门关闭，对锅炉起到安全保护作用。

### 安装说明

1. 阀门必须垂直安装在管道上，阀杆向上，介质从阀座下而流入。
2. 电动装置环境温度为-20℃~40℃，相对湿度80%，无腐蚀，无爆炸性气体环境中。
3. 电动装置环境用于管道温度低于350℃时，则采用半流体锂基润滑油(Q/SY1002-65)，用于管道温度高于350℃时，则采用GB492-2N-4 钠基润滑脂进行润滑。

### Use

Cut-off valve installed in the combined steam engine on the main steam pipe, as to prevent the media back, when the boiler failure, the media pressure quickly shut the valve, the boiler play a security role.

### Installation Notes

1. The valve must be vertically mounted on the pipeline, with the stem upward and the medium flowing in under the seat ring.
2. Place the electric actuator in such an environment as non-corrosive non-explosive gas and with the ambient temperature-20~40℃ and the related humidity 80%.
3. For the electric actuator, when used with the pipeline of a temperature below 350℃, use semi-fluid Li-base lubricating oil(Q/SY1002-65) and, when the said temperature is higher than 350℃, use GB492-2N-4 sodium-base lubricating grease.

### 主要零件材料 Material Formain Parts

件号 Part Number	1	2	3	4	5	6
零件名称 Part Name	阀体 Body	阀座 Seat	阀瓣 Disc	阀杆 stem	支架 Yoke	填料室座 Filling room
材料 material	铬钼钒钢 CrMoV	铬钼钢 Cr.Mo steel	铬钼钒钢 CrMoV	渗氮钢 Nitriding steel	碳钢 Carbon steel	铬钼钢 Cr.Mo steel

### 电动装置选择按下表 The Electric Device Chooses To Press The Table

口径压力 Diameter pressure	电装型号 Electric actuator model	公称转矩/N·m Rated torque	电装生产厂家 Manufacturer
200/PW505.3V	DZW180	1800	用户自选 User selected