



工作原理

175H48Y(H)-200空排止回阀为我厂开发的最新产品，主要用于火电厂给水泵出口处配合水泵最小流量再循环阀工作，维持系统的安全运行。动作原理如下：

打开出口阀，给水泵启动，给水达到一定的压力后，阀芯自动升起，推离阀座，给水即流出。同时阀芯连杆拨动排空口阀片封闭排空口。当给水泵流量减小时，阀芯下落，推动连杆拨开排空阀片，开启再循环门维持水泵最小流量。当停泵时，阀芯自动下落关闭通道，从而防止高压水锤对给水系统的破坏。

Working Principle

175H48Y(H)-200 emptying check valve is the latest developed product and mainly used at the water pump outlet in a thermal power plant to work with the minimum flow recycling valve of the pump for keeping the system's safe movement. Here comes the movement principle:

Open the outlet valve to start the water supply pump and, when the supplied water gets to a certain pressure, the valve core will be automatically raised to push the seat ring away, the supplied water then flows out and, meanwhile, the valve core's linkage turns the disc at the emptying port to close the port. When the flow of the water supply pump becomes smaller, the disc to open the recycling door to keep a minimum flow for the pump. When the pump stops, the valve core will automatically fall to close the channel so as to prevent the water supply system from damage due to the high pressure water hammer.

主要性能规范 Main Performance Specifications

工作温度 Operating temp	-29°C~673°C
工作压力 Working pressure	PN64~320
适用介质 Applicable media	水，蒸汽等 water, steam, etc

主要零件材料 Material Formain Parts

零件名称 Part mane	材料material
阀体、定位轮、连接法兰、排气法兰、法兰盖 Body, positioning wheel, connecting flange, exhaust flange, flange cover	碳素铸钢、合金钢 Carbon steel, alloy steel
导向轴、拨叉、轴套、滑块、排放套、排气盘 Guide shaft, fork, shaft sleeve, slide block, exhaust sleeve, exhaust disc	不锈钢、合金钢 Stainless steel, alloy steel
螺栓、螺柱 Bolt and stud	铬钼钢 Cr.Mo. steel
衬套 bushing	铸铝青铜 Cast aluminum bronze
阀瓣、阀瓣体、阀瓣轴、连接叉、螺母 Disc, disc body, disc shaft, joint fork, nut	优质碳素钢、合金钢 High quality carbon steel, alloy steel

注：如有产品参数疑问请致电上海电站阀门有限公司详询，电话：021-59222288

Note: If the product parameters, please call our company detailed inquiry, Tel: 021-59222288