

Steam Pressure Regulating Valve

• 蒸汽减压调节阀

TQY 系列
TQY Series

用途 Use

安装在电厂锅炉系统供吹灰和燃油加热蒸汽管道上，作流量控制用。

Installed in the power plant boiler system for blowing ash and fuel heating steam pipe for flow control purposes.

技术规范 Specifications

公称压力: PN16, 25, 40, 160

公称通径: DN50, 80, 100

工作温度: $\leq 550^{\circ}\text{C}$

适用介质: 蒸汽

结构形式: 直通式、角式

连接方式: 对焊

驱动方式: 电动

Nominal pressure: PN16, 25, 40, 160

Nominal diameter: DN50, 80, 100

Working temperature: $\leq 550^{\circ}\text{C}$

Suitable medium: steam

Structure: Straight, angle

Connection: Butt welding

Drive mode: electric

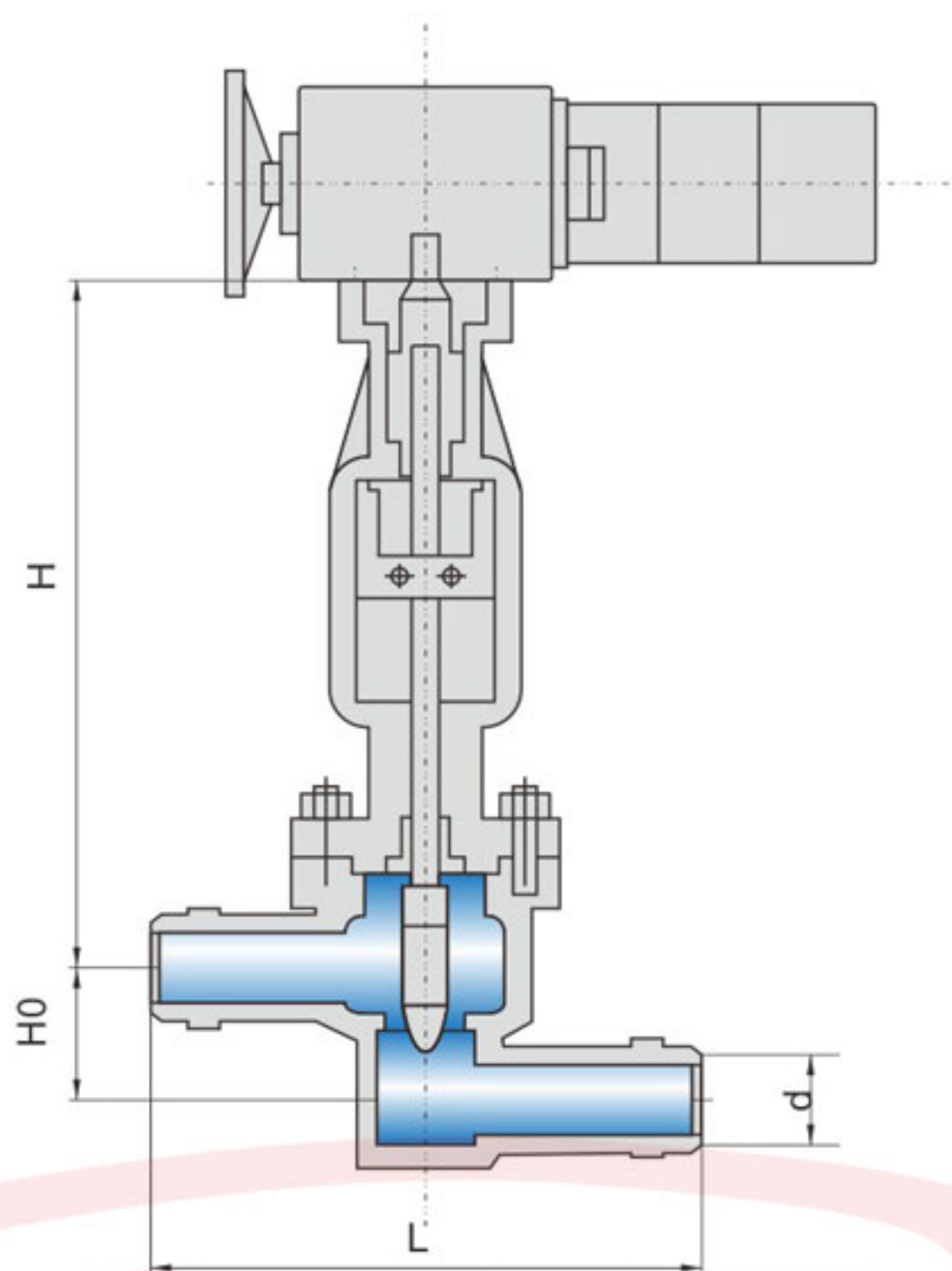
结构特点 Structural Features

1. 本系列阀门为拆装式结构。阀腔内件(包括阀芯、阀座、减压组件)均可从阀腔内取出检查、修复或更换。
2. 根据工况特点，采用多孔梳流套筒式结构。这一新颖的结构变普通减压调节阀的一次降压为多次降压，并具有抗噪声，抗汽蚀功能。
3. 多孔梳流式套筒减压组件，由多层设有涡孔环槽的套筒组成，介质旋转均匀喷流，可调范围大，完全控制蒸汽流量和压力的大小。
4. 阀芯，阀座密封面堆焊司太立硬质合金，并进行热处理，密封无泄漏，使用寿命长。

1. This series of valves for the removable structure. Valve cavity parts (including the valve core, seat, decompression components) can be removed from the valve cavity inspection, repair or replacement.
2. According to the working conditions, the use of porous comb sleeve structure. This novel structure becomes a common decompression valve for a step-down multiple buck, and has anti-noise, anti-cavitation function.
3. Porous comb sleeve decompression assembly, composed of multi-layer sleeve with a vortex ring groove, medium uniform jet rotation, adjustable range, complete control of steam flow and pressure of the size.
4. Spool, seat sealing surface welding Secretary too Stanley cemented carbide, and heat treatment, sealing no leakage, long service life.

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主要外形尺寸和连接尺寸 The Main Dimensions And Connection Dimensions

直通式 Straight-through

型号 Model	公称通径DN	d	L	H	H0
TQY968Y- ²⁵ / ₆₄ I	50	48	400	710	120
	80	79	550	875	170
TQY968Y-160V	100	90	550	870	160

角式 Angle type

型号 Model	公称通径DN	d	L	H	H0
TQY963Y- ²⁵ / ₆₄ I	50	50	400	970	100

注：如果用户有特殊要求，可在合同中注明。

Note: if the user has special requirements, can be specified in the contract.

主要零件材料 The Main Part Material

零件名称	材料牌号	Part Name	Material grades
阀体	20CrMo, 12Cr1MoVA	Body	20CrMo, 12Cr1MoVA
阀座	2Cr13, 1Cr18Ni9Ti	Seat	2Cr13, 1Cr18Ni9Ti
阀芯	2Cr13, 1Cr18Ni9Ti	Spool	2Cr13, 1Cr18Ni9Ti
阀盖	20CrMo, 12Cr1MoVA	Cap	20CrMo, 12Cr1MoVA
阀杆	17-4PH, 38Cr1MoVA	Valve stem	17-4PH, 38Cr1MoVA
支架	WCB	Bracket	WCB