

截止阀型号编制

Globe Valve Figure Number System

种类Type	标准Standard	驱动Drive	连接Connection	结构Style	密封Seal	材质Material
D-截止阀	G-GB	0-手轮	2-内螺纹	1-直通式	T-铜合金	T-铜
	A-API	2-电动	3-法兰	4-角型式	H-合金钢	Z-铸铁
	D-DIN	3-气动	5-焊接	5-直流式	W-本体密封	C-铸钢
	J-JIS	5-液动		7-平衡角式	Y-硬质合金	S-不锈钢
		6-伞齿轮		6-平衡直通式	J-衬胶密封	I-铬钼钢
		7-电液动			F-四氟密封	Q-球墨铸铁

备注：波纹阀型号前加"W"，低温阀型号前加"D"，水封阀型号前加"S"，保温阀型号前加"B"。

Remarks: The corrugated valve model is preceded by "W", the front of the cryogenic valve model is "D", the front of water seal valve model is added with "S", and the front of the insulation valve model is added with "B".

截止阀概述

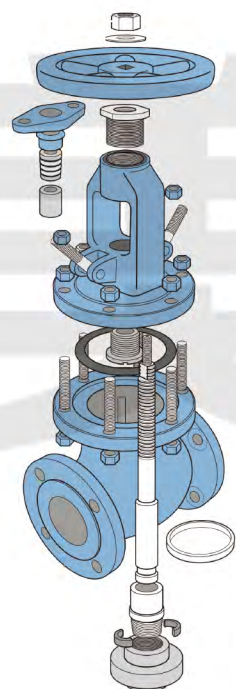
Globe Valve Overview

截止阀的启闭件是塞形的阀瓣，密封上面呈平面或锥面，阀瓣沿阀座的中心线作直线运动。

截止阀用于需要节流或双节流和关闭的场合。它们也可以用于开关服务，但是由于压降较高，这通常局限于阀门常闭的应用场合，当阀门打开时压降不重要。通常截止阀安装在盘下流动，但是在一定条件下流过盘可能有优势。标准截止阀由于其设计用于节流和关闭，因此不应使用小于10%的开放长时间节流。可能会发生内部损坏。使用较小的阀门或V型端口装饰增加开放百分比通常可以解决这个问题。V型阀内件比塞或球阀有更线性的节流曲线，但是对于可能需要使用控制阀的连续严重节流，建议不要使用这些阀内件。

Globe valves opening and closing pieces are plug-shaped valve flap, the seal was above the plane or cone, the valve flap along the center line for linear motion.

Globe valves are used where throttling or both throttling and shutoff are required. They can also be used for on-off service, but because of high pressure drop, this is generally confined to applications where the valve is normally closed and pressure drop is not important when the valve is open. Normally globe valves are installed with flow under the disc, but under certain conditions flow over the disc may have advantages. Standard globe valves, because they are designed for both throttling and shutoff, should not be used for prolonged throttling at less than 10% open. Internal damage can occur. Using a smaller valve or V-port trim to increase the percent open will often solve this problem.



V-port trim has a more linear throttling curve than plug or ball discs, but none of these trims are recommended for continuous severe throttling which may require using a control valve.

截止阀流量特性

Globe valve flow characteristics

流量系数Cv值Flow factor Cv valve

截止阀阀芯
Globe Valves Disc

