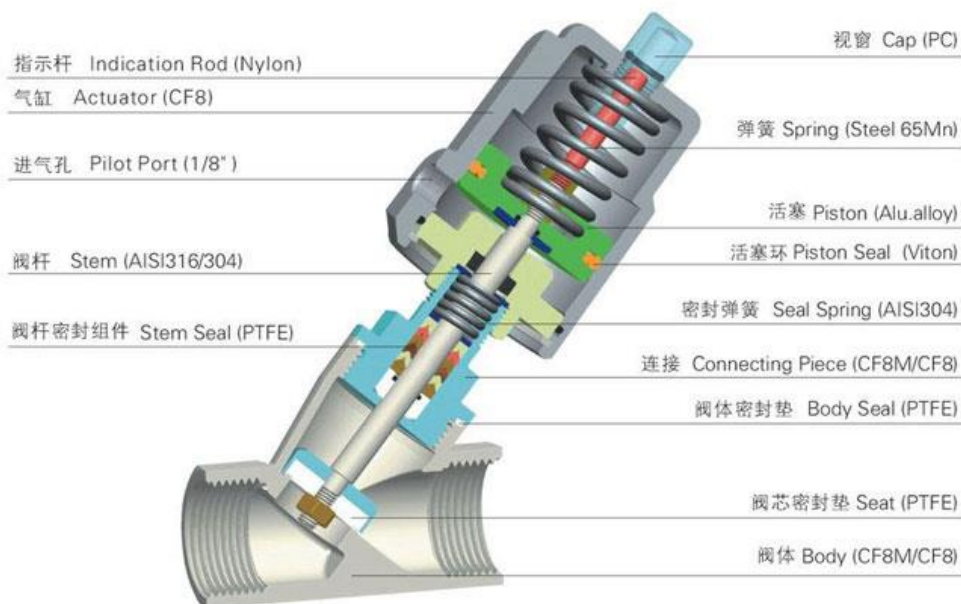




DN10-DN65 100 Series



■ 工作原理 Function Principle

在非工作状态时，由于弹簧力作用，阀门常闭(开)。当执行器活塞被压缩气体作用时，阀门打开(关闭)。
 双作用形式靠压缩气体控制阀门开关。
 Valve is closed (open) with spring force, when the piston is actuated by compressed air, valve is open(closed).
 For the double acting type, the valve is open and closed by compressed air.

■ 应用范围 Applications

啤酒饮料灌装设备 Beer & drinks filling machinery	化工行业 Chemical industry
印染纺织 Textile printing & dyeing	高温灭菌 Disinfection
气体工业 Gas industry	发泡机械 Frothing equipment
制药及医疗设备 Pharmacy & Medical equipment	水/污水处理 Water/sewage disposal
橡胶机械 Rubber machinery	

■ 特点 Advantages

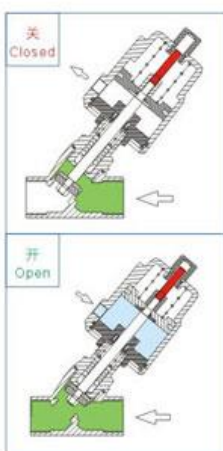
- **流量大 流阻小 无水锤 Large flux, Low resistance, No water-hammer**
 Y型设计,扩大了阀腔流通截面,使阀腔内流体更加平顺,增加30%流量。
 Y-type shape enlarged the flowing section, which could raise the flux by 30% and make flow more smooth.
- **超长使用寿命 Super long life**
 阀杆采用不锈钢316,耐腐蚀性能极佳,密封采用楔型 PTFE,使阀杆自动校正,自润滑,免维护。
 The valve stem is AISI 316, with strong anti-corrosive ability. The PTFE seals are in wedge shape, which help the stem adjust and lubricate itself automatically.
- **先进的先导气缸 Advanced pilot cylinder**
 气缸采用不锈钢材质,在恶劣的环境中更加优秀,可360°旋转。
 The cylinder material is stainless steel. Lubricating automatically, 360° rolling freely.

■ 技术参数 Technical data

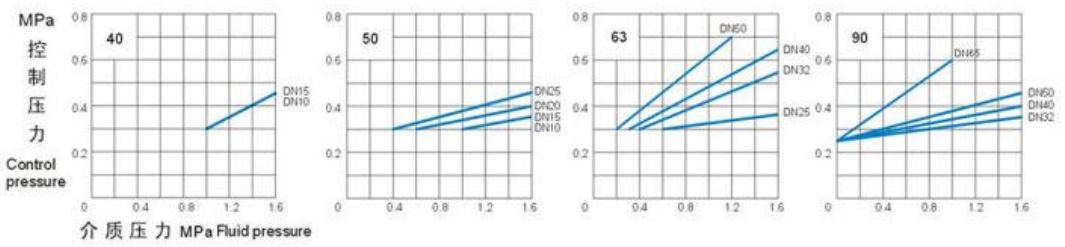
管道压力 Fluid pressure : Max 1.6MPa (232psi)
 控制压力 Control pressure : 0.3 — 0.8MPa (43.5 — 116psi)
 控制介质 Control Fluid : 中性气体或空气 Neutral gas, air
 阀体材料 Body material: CF8M/CF8
 密封材料 Seals material: PTFE
 气缸材料 Actuator material: CF8
 气缸尺寸 Actuator Size: 40mm, 50mm, 63mm, 90mm
 适用介质 Applicable Fluid: 水 water,酒精 alcohol,油 oil,燃料 fuel,蒸汽 steam,中性气体或液体 neutral gas or liquid,
 有机溶剂 organic solvent,酸碱溶液 acid and lye
 介质粘度 Fluid Viscosity : Max 600mm²/s
 介质温度 Fluid temperature : -10℃ — +200℃
 环境温度 Ambient temperature : -10℃ — +80℃
 控制形式 Control type: 标准常闭 Normally closed, 常开 Normally open, 双作用 Double acting
 连接形式 Connection : 螺纹式 Threaded (BSP, NPT), 焊接式 Welded, 法兰式 Flanged

■ 单作用常闭阀——阀座上流 Single Acting, Normally Closed (NC) - Enter Above Seat

适用于可压缩性介质，例如气体，水蒸汽等；以及压力较低的液体介质。
 Suitable for condensable media, such as air, steam; and low pressure liquid media.

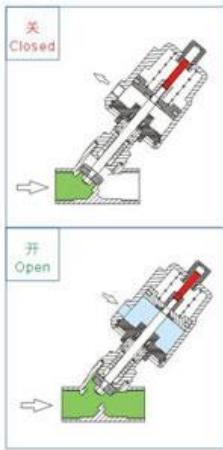


规格 Size	接口 Thread end	内孔 Orifice(mm)	流量值 Kv(m³/h)	执行器 Actuator(mm)	压差范围 ΔP(MPa)	控制压力 Control pressure(MPa)
DN10	3/8"	13	3.8	40	0-1.6	0.3-0.45
				50	0-1.6	0.3-0.35
DN15	1/2"	13	4.7	40	0-1.6	0.3-0.45
				50	0-1.6	0.3-0.35
DN20	3/4"	18	9.5	50	0-1.6	0.3-0.4
DN25	1"	24	18.1	50	0-1.6	0.3-0.45
				63	0-1.6	0.3-0.35
DN32	1 1/4"	31	23.1	63	0-1.6	0.3-0.55
				90	0-1.6	0.25-0.35
DN40	1 1/2"	35	32.9	63	0-1.6	0.3-0.65
				90	0-1.6	0.25-0.4
DN50	2"	45	52.8	63	0-1.2	0.3-0.7
				90	0-1.6	0.25-0.45
DN65	2 1/2"	61	82.6	90	0-1.0	0.25-0.6



■ 单作用常闭阀——阀座下流(防水锤) Single Acting, Normally Closed (NC) - Enter Below Seat

适用于防水锤管道，可承受一定压差。
 Flow come from below seat, avoid water hammer



规格 Size	接口 Thread end	内孔 Orifice(mm)	流量值 Kv(m³/h)	执行器 Actuator(mm)	压差范围 ΔP(MPa)	最小控制压力 Control pressure(MPa)
DN10	3/8"	13	3.8	40	0-1.1	0.3
				50	0-1.4	0.3
DN15	1/2"	13	4.7	40	0-1.1	0.3
				50	0-1.4	0.3
DN20	3/4"	18	9.5	50	0-1.1	0.3
DN25	1"	24	18.1	50	0-0.4	0.3
				63	0-1.4	0.45
DN32	1 1/4"	31	23.1	90	0-1.6	0.5
				63	0-0.6	0.45
DN40	1 1/2"	35	32.9	90	0-1.6	0.5
				63	0-0.5	0.45
DN50	2"	45	52.8	90	0-1.0	0.5
DN65	2 1/2"	61	82.6	90	0-0.7	0.5



调节阀 Proportional control valve

1. 技术参数Technical Data:

阀体规格Size: DN25~DN50

执行器规格Actuator size: 63mm、90mm

控制压力Control pressure: 0.3~0.8MPa

控制形式Control type: 常闭Normally closed, 常开Normally open,
双作用Double acting

连接形式 Connection: 螺纹式 Threaded (BSP, NPT), 焊接式 Welded

定位器: 韩国YTC (Young Tech, Korea)

2. 特点Advantages:

标准的4~20mA电流信号即可控制Controlled by 4~20mA electrical signal

操作简单, 运行稳定 Easy adjusting, work stabilization

独特的调节锥设计, 可精确调节流量

Special adjustable seat, perfect control flow.



磁感应接近开关系列 Inductive Proximity Limit Switch

技术参数: Data

开关指示灯Indicator light: LED

工作温度Temperature: -25℃~+70℃

响应时间Response time: 400HZ

开关寿命Switch life: 110万次 1.1 Million times

电源Power supply: DC10~30V



手动控制系列 Manual Series

阀体材料 Body material: CF8M/CF8

密封材料 Seals material: PTFE

管道压力 Fluid pressure: Max 4.0MPa (580psi)

连接形式 Connection: 螺纹式 Threaded (BSP, NPT), 焊接式 Welded