1、技术参数 / Technical

执行器部分 Actuators	工作电源 Operation Voltage	220Vac ± 10%，110Vac ± 10%，24Vac ± 10% 50/60Hz
	控制方式 Control Mode	开关型，带有弹簧复位功能，断电常闭 Spring return, normal close when power off
	工作环境温度 Operating Temperature	0~50℃
	工作相对湿度 Operating Relative Humidity	10%~90%RH 无冷凝水 10%~90%RH, no condensating
	功率 Power	≤8VA
	动作时间 Operating Time	开启：≤20s；闭合：≤15s Motor:≤20s; Spring:≤15s
	防护等级 Protection Rating	IP20

阀体部分 Valves	适用介质 Applicable Medium	冷、热水 Cola or hot water
	介质温度 Medium Temperature	5~94℃
	工作环境温度 Operating Temperature	0~50℃
	工作相对湿度 Operating Relative Humidity	10%~90%RH无冷凝水 10%~90%RH, no condensating
	运输储存条件 Storage Conditions	-20~65℃；10%~90%RH 无冷凝水 -20~65℃; 10%~90%RH, no condensating
	公称压力材质 Nominal Pressure	PN20
	材质 Materials	阀体：HPb59-2；阀杆：HPb59-2；密封阀瓣：EPDM Valve body: HPb59-2; Valve stem: HPb59-2; Valve flap: EPDM

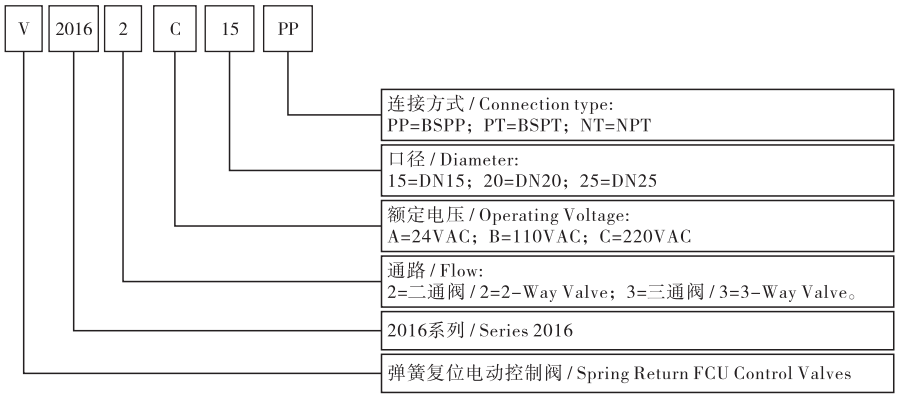
型号、尺寸、规格、流通能力如下表：
Model,Dimension,Flow,Flow Parameter as following:

型号 / Model	尺寸 / Dimension	规格 / Flow	Kv值 / Kv	关闭压差 / Close-off Differential Pressure(PSI/MPa)
V20162X15XX	1/2"(15mm)	二通 / 2-way	2.0 ± 10%	43(0.3)
V20162X20XX	3/4"(20mm)		2.4 ± 10%	36(0.25)
V20162X25XX	1"(25mm)		4.2 ± 10%	30(0.2)
V20163X15XX	1/2"(15mm)	三通 / 3-way	2.0 ± 10%	43(0.3)
V20163X20XX	3/4"(20mm)		2.4 ± 10%	36(0.25)
V20163X25XX	1"(25mm)		4.2 ± 10%	30(0.2)

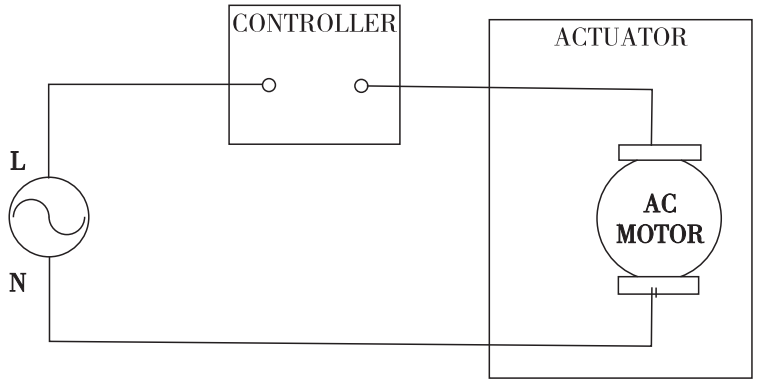
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V2016系列电动二通阀/三通阀安装及使用说明
V2016 Series 2-way/3-way FCU Control Valves
Installation & Operation Manual

2、命名规则 / Product Identification System

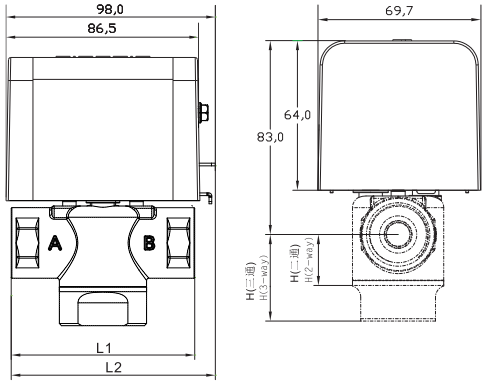


3、接线图 / Wiring



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4、外观尺寸 / Dimensions(mm)



型号 / Model	尺寸(mm) / Dimension(mm)		
	L1	L2	H
V20162X15XX	78	89	19
V20162X20XX	82	91	21.5
V20162X25XX	88	94	24.5
V20163X15XX	78	89	34
V20163X20XX	82	91	37
V20163X25XX	88	94	45

5、安装注意事项 / Installation Guide

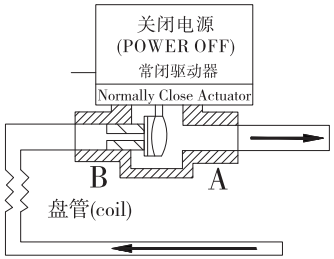


图 1: 二通阀(常闭)管道安装
Fig.1:2-way Normally Closed to the Coil

三通只作与 B 口常闭布置；若用于常开，将阀移转180° 即可。
3-way is only configured as N.C. to B port
for N.O. configuration to coil. simply turn the valve around.

V2016系列电动二通阀/三通阀安装及使用说明
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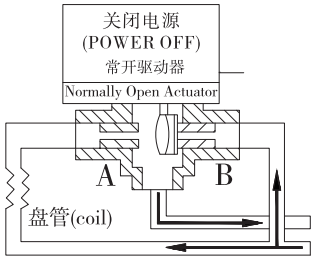


图 2: 三通阀混合布置(常开)管道安装
Fig.2:3-way Valve in Mixing Configuration,Normally Open to Coil

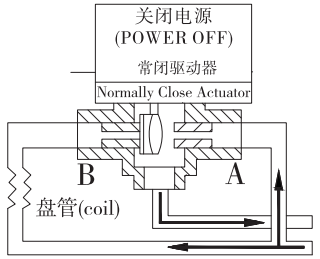


图 3: 三通阀混合布置(常闭)管道安装
Fig.3:3-way Valve in Mixing Configuration,Normally Close to Coil

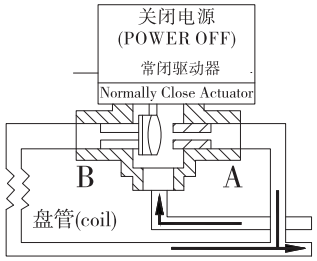


图 4: 三通阀分流布置(常闭)管道安装
Fig.4:3-way Valve in Diverting Configuration,Normally Closed to Coil

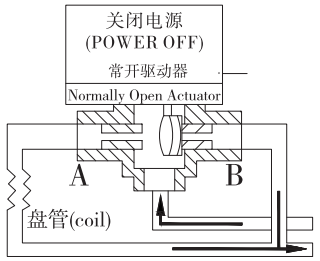


图 5: 三通阀分流布置(常开)管道安装
Fig.5:3-way Valve in Diverting Configuration,Normally Open to Coil

- 流向是由端“B”到端“A”，见图 1。
- 当安装常闭驱动器时，必须先把手动操作杆扳到“开”处。
- 当第一次使用时，手动操作杆会转移至自动位置上。
- V2016系列电动阀是为全封闭式系统设计。不建议在开放式系统使用。在开放式系统里，过多的氧气及氯气溶解会侵蚀阀体材料，形成过早的损坏。

- The flow direction is from “B” to “A”,refer to figure 1.
- When installing the actuator of normal-closed valve, it must be placed in the open condition by manual operating lever.
- The manual operating lever of the actuator will move to the automatic position when the valve is operated first time.
- V2016 Series valves are designed for the application to closed system. Use in open system is not recommended. High levels of dissolved oxygen and chlorine round in open systems may erode the valve material and result in premature failure.

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