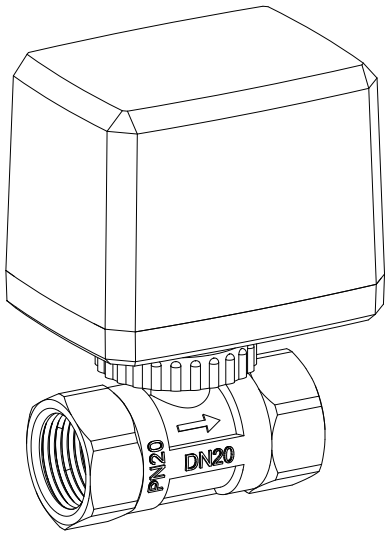
Motorized Valve DN15-32



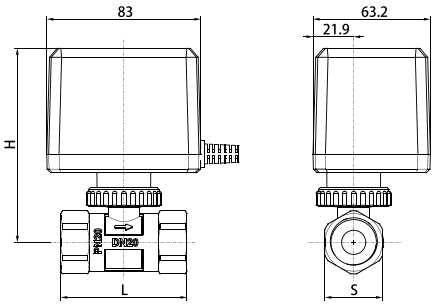
DF 系列阀门 用于暖通空调系统中水侧的开/关控制，常用于风机盘管、冷吊顶及其他制冷、供热末端。 DF 系列阀门通常与控制器配合实用，根据控制器给出的控制信号，快速实现水系统的通断控制。产品具有到位断电功能，可以将运行能耗降至最低。

Motorized ball valve DF is widely used as an on/off control valve for terminal units, like an FCU (Fan coil unit), chilled beam, etc. DF is commonly used with a controller which provides control signal. The valve automatically cuts off power when arriving its fully open or close position for energy saving.

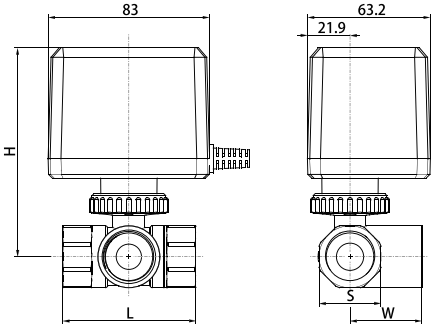
最大工作压力：20 Bar	Maximum working pressure: 20 Bar
最大工作压差：5 Bar	Maximum closing pressure: 5 Bar
防护等级：IP65	IP class: IP65
运行时间：<20s	Operating time: <20s
供电电压：220/230V~ 50Hz 8W	Power supply: 220/230V~ 50Hz 8W
介质：1˚C-95˚C冷/热水及30%乙二醇溶液	Medium temperature: Water/30% Glycols, 1-95˚C
1.B型工作	Action type: 1.B
污染等级：2	Pollution degree: 2
额定脉冲电压：2,5 kV	Rated impulse voltage: 2,5 kV
回转型执行器：90°	Angularrotation: 90°

1. Size / 尺寸

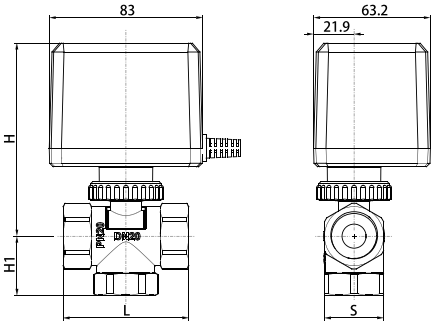
2-port	H (mm)	L (mm)	S (mm)	Kvs	Thread	Remark
DN15	102	59	25	4.5	G1/2"	信号线不带电，阀门为关闭；控制线带电，阀门打开。Valve close when disconnect signal wire. Valve open when connect signal wire.
DN20	105	68	31	8.4	G3/4"	
DN25	108	78	38	10.5	G1"	
DN32	113	87	47.8	20	G1¼"	



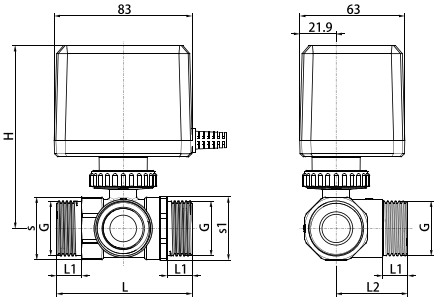
3-port T	H (mm)	L (mm)	W (mm)	S (mm)	Kvs		Thread	Remark
					A-B	A-C		
DN15	104	59	31	26.5	4.4	2.3	G1/2"	信号线不带电，阀门A-C，控制线带电，阀门A-B。Valve flow A-C when disconnect signal wire. Valve flow A-B when connect signal wire.
DN20	108	69	37	31.8	9.8	5	G3/4"	
DN25	110	81	41	37.8	13.5	6.9	G1"	
DN32	118	108	53	49.5	34	15.7	G1¼"	



3-port L	H (mm)	L (mm)	H1 (mm)	S (mm)	Kvs		Thread	Remark
					C-A	C-B		
DN15	101	59	28	25	2.4	2.4	G1/2"	信号线不带电，阀门C-A，控制线带电，阀门C-B。Valve flow C-A when disconnect signal wire. Valve flow C-B when connect signal wire.
DN20	105	68	32	32	4	4	G3/4"	
DN25	108	78	37	38	6	6	G1"	
DN32	114	90	52	47.8	10	10	G1¼"	

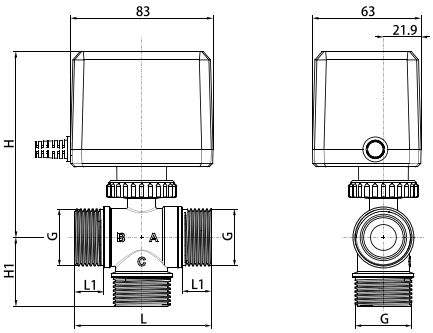


3-port T	H (mm)	L (mm)	L1 (mm)	L2 (mm)	S (mm)	S1 (mm)	Kvs		Thread
							A-B	A-C	
DN25	110	81.5	15	43	37.8	38	16	7.8	G1"
信号线不带电，阀门A-C，控制线带电，阀门A-B。Valve flow A-C when disconnect signal wire. Valve flow A-B when connect signal wire.									

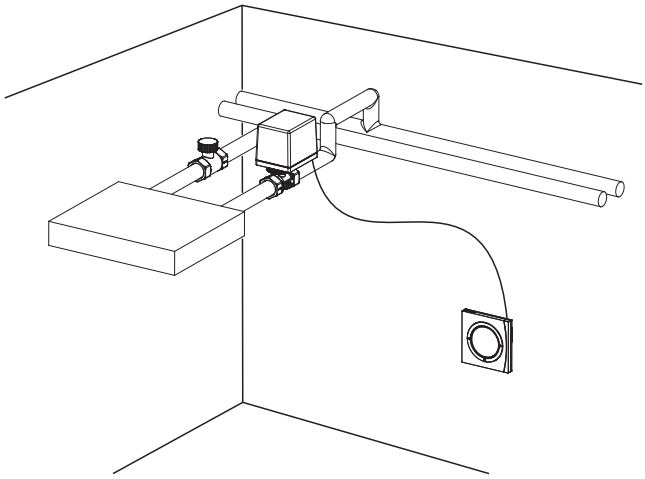


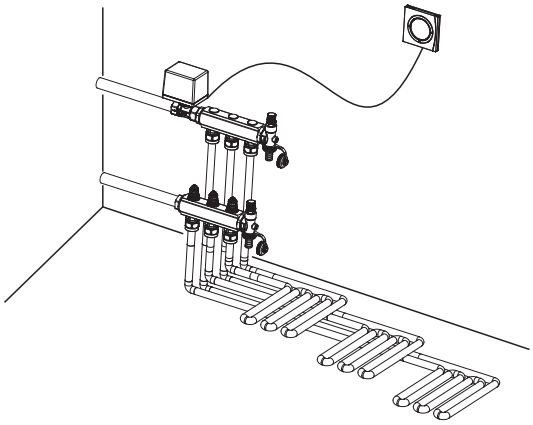
Instruction/安装实用说明

3-port L	H (mm)	H1 (mm)	L (mm)	L1 (mm)	Kvs		Thread
					C-A	C-B	
DN25	108	40	79.5	17	5.5	5.5	G1"
信号线不带电，阀门C-A，控制线带电，阀门C-B。 Valve flow C-A when disconnect signal wire. Valve flow C-B when connect signal wire.							



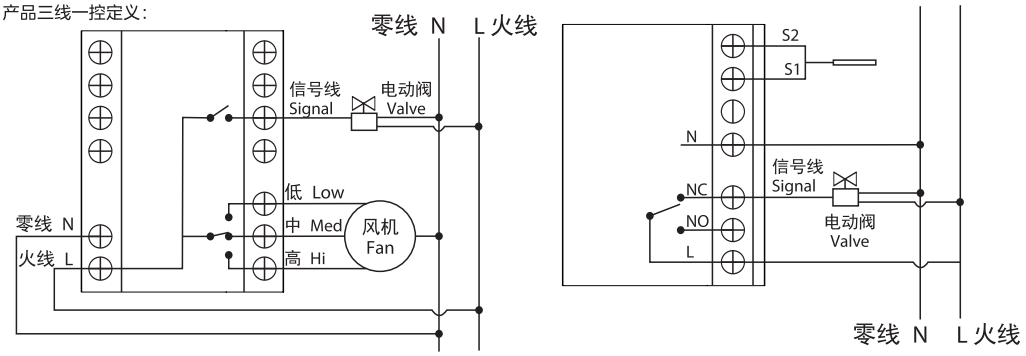
2. Application / 应用举例

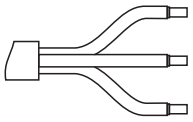




3. Wiring / 接线举例

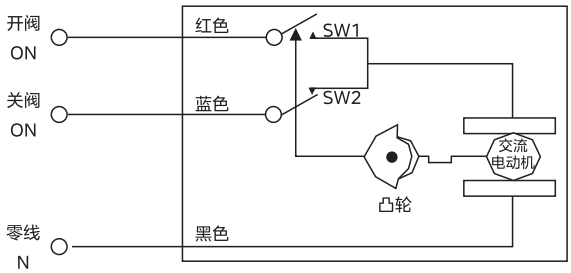
● 产品三线一控定义：



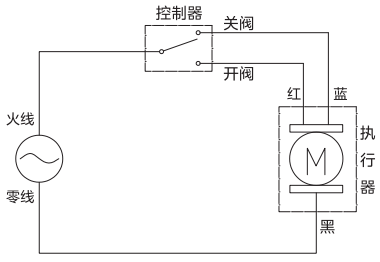


红色 Red	L	火线(L)
蓝色 Blue	Signal	信号线(Signal)
黑色 Black	N	零线(N)

● 产品三线二控定义：



● 产品三线二控电网接线：



4. Hazardous Substances Table / 有害物质含量表

部件名称 Part Name	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
电动执行器 Electric actuator	×	○	○	○	○	○
阀门 Valve	×	○	○	○	○	○

○ ：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
Indicates that this hazardous substance contained in all of the homogeneous material for this part is below the limit requirement in GB/T 26572.

× ：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
Indicates that this hazardous substance contained in at least one of the homogeneous material for this part is above the limit requirement in GB/T 26572.