

SRV061 SERIES VALVE BODY

DESCRIPTION

SRV061 series valve body is designed for temperature control in the air-conditioning circumstance. There are three models: SRV061S (2-way), SRV061M (3-way) and SRV061T (3-way 4-outlet).

SRV061S valve has normally close and normally open type. SRV061M 3-way valve is normally close on direct way, and normally open on angle way. All of them can match for SRT051C-1

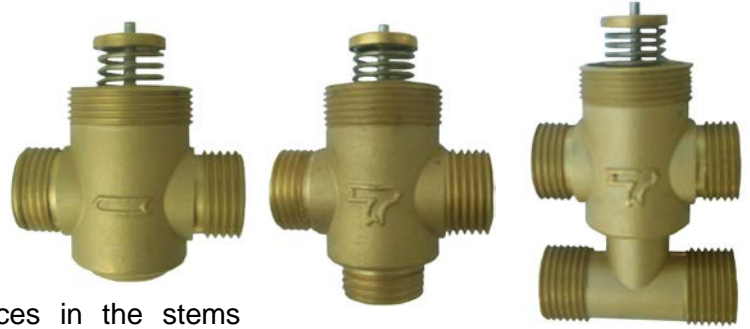
thermostatic controller (There are some differences in the stems between SRT051C-1 and SRT051C.), SRT061/SRT061U electro-thermal actuator or VA-1100 series floating actuator. For the normally close type valve, actuator drives the piston to open the valve on direct way and close it on angle way. For the normally open 2-way valve, actuator drives to close it. Spring is used to return the piston.

SRV061 series valve body has the characteristics of condensed structure, reliability and convenient installation.

SRV061S

SRV061M

SRV061T



MODEL DESCRIPTION

SR	V	061	S	U	09	A40
Enterprise Code	Product Code	Category Code	Valve Code	Additional Code	Kvs Code	Distance of the Centers (Only for the 4 Outlet Valve)
	Valve	Small heating valve	S—2-way M—3-way T—3-way 4-outlet	U-normally open Omitted means normally close Only 2-way valve has normally close/open type.	09—Kv=0.25 10—Kv=0.40 11—Kv=0.60 12—Kv=1.00 13—Kv=1.60 20—Kv=2.00 23—Kv=2.50	A35—35mm centers A40—40mm centers A50—50mm centers

MATERIALS AND TECHNICAL DATA

MATERIALS	VALVE BODY	Forging Brass HPb59-1
	VALVE STEM	Stainless Steel (1Cr18Ni9)
	SPRING	Stainless Steel Wire (1Cr18Ni9)
	INNER COVER	PBT
	PISTON	FRPA-66
	O-SEALING-RING	Nitrile rubber
VALVE BODY RATING PRESSURE		1.6MPa
STROKE		4.5 (mm)
MAX. ALLOWED FLOW SPEED		3m/s
ALLOWED LIQUID		Water, Water + Glycol
TEMPERATURE		5~95°C
LEAKAGE		0 (Tight close-off on direct and angle way)

INSTALLATION

Before the installation, please make sure the pipe is clean (no soldering scraps), so the valve piston won't be blocked, and the flow direction indicated on the valve body is correct. Actuator should be mounted above the valve body. We recommend using 3-way valve as mixing valve.

*2-way valve:

A→AB normally open or normally close

*3-way valve:

A→AB normally close

B→AB normally open

*The SRV061SU with the STOPPER is tailor-made for matching the SRT051C-1. The standard type of SRV061SU has no STOPPER.

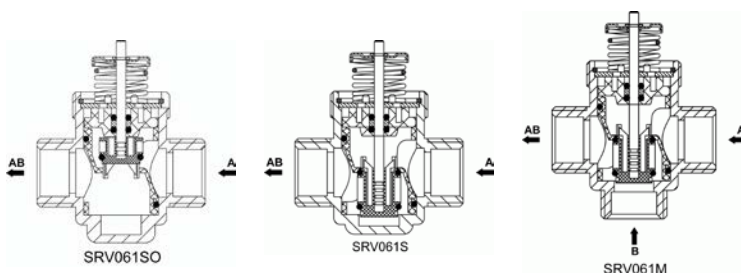


Fig.1-1

Fig.1-2

Fig.1-3

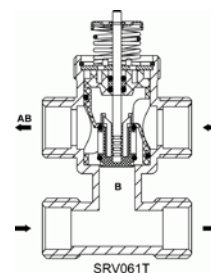


Fig.1-4

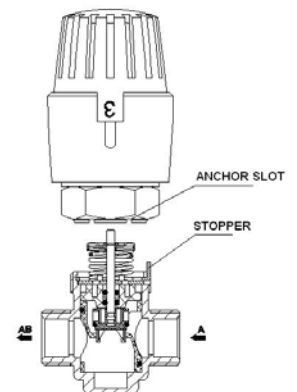


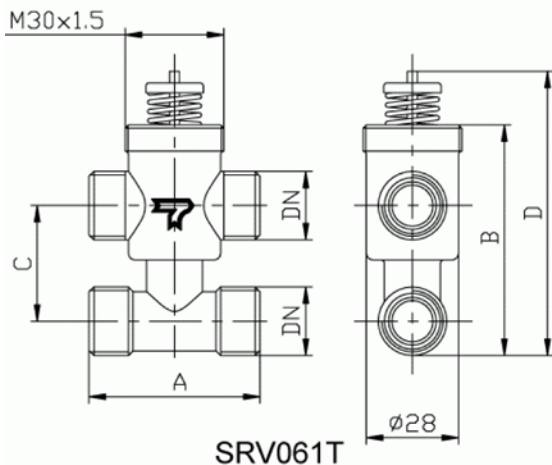
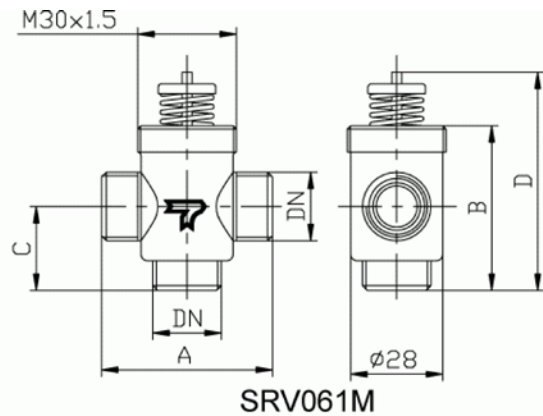
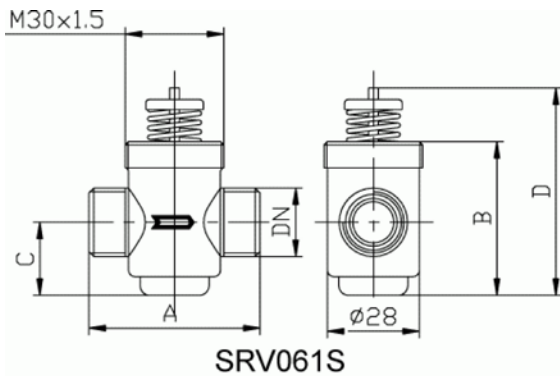
Fig.2

SPECIFICATION AND TECHNICAL DATA

MODEL	VALVE TYPE	FLOW RATE (Kv) DIRECT WAY	FLOW RATE (Kv) ANGLE WAY	CLOSING-OFF PRESSURE (MPa)	CONNECTIING SIZE		
SRV061S(U)09*	2-way valve	0.25	---	0.25	G1/2		
SRV061S(U)10*		0.4					
SRV061S(U)11*		0.6					
SRV061S(U)12*		1.0					
SRV061S(U)13*		1.6					
SRV061S(U)23*		2.5				0.15	G3/4
SRV061M09	3-way valve	0.25	0.25	0.25	G1/2		
SRV061M10		0.4	0.4				
SRV061M11		0.6	0.6				
SRV061M12		1.0	0.8				
SRV061M13		1.6	1.0				
SRV061M23		2.5	1.6			0.15	G3/4
SRV061T09-A35	3-way with bypass Valve (4 outlet)	0.25	0.25	0.25	G1/2		
SRV061T10-A35		0.4	0.4				
SRV061T11-A35		0.6	0.6				
SRV061T12-A35		1.0	0.8				
SRV061T13-A35		1.6	1.0				
SRV061T11-A40		0.6	0.6			0.25	G1/2
SRV061T12-A40		1.0	0.8				
SRV061T13-A40		1.6	1.0				
SRV061T20-A40		2.0	1.2				
SRV061T23-A40		2.5	1.6	0.15	G3/4		
SRV061T23-A50		2.5	1.6				

* "U" is additional code, which means normally open 2 way valve. Omitted means normally close type.

DIMENSIONS:



Model	Dimensions				
	DN	A	B	C	D
SRV061S	G1/2	52	47	19.5	63
SRV061M	G1/2	52	50	25	66
SRV061T-A35	G1/2	52	70	35	86
SRV061T-A40	G1/2	52	75	40	91
SRV061S23	G3/4	56	47	22	63
SRV061M23	G3/4	56	59	37	78
SRV061T23-A40	G3/4	56	78	40	94
SRV061T23-A50	G3/4	56	88	50	104