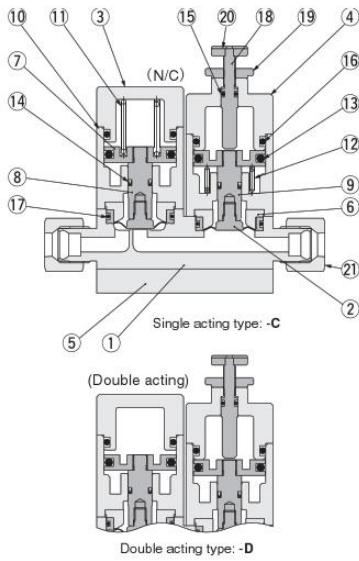
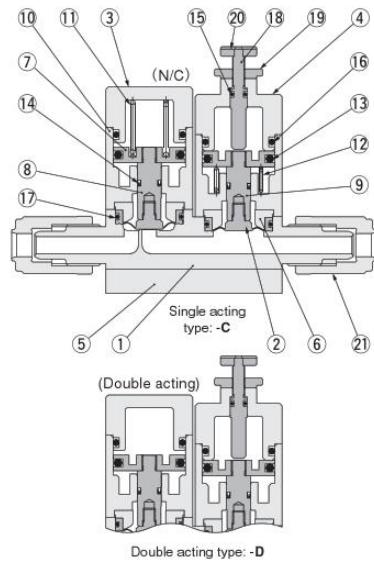


## Inner Construction and Materials

### ●F-SAV250-10W



### ●F-SAV250-18W

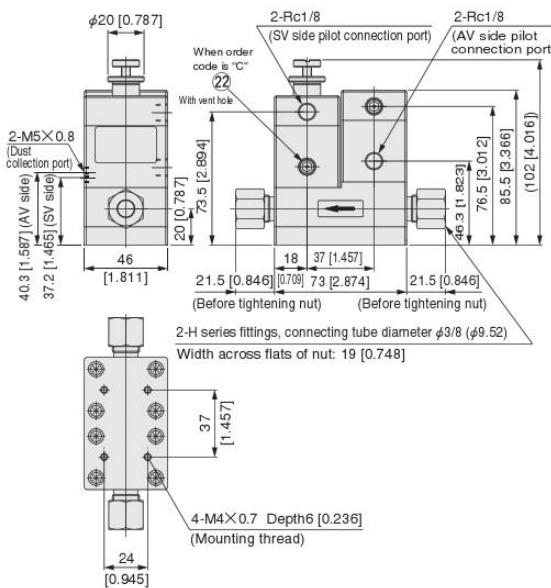


No.	Parts	Materials
①	Body	PTFE
②	Diaphragm	PTFE
③	Cover	C-PVC
④	Cover	SUS304
⑤	Plate	C-PVC
⑥	Guide washer	SUS304
⑦	Piston	SUS304
⑧	Piston rod	SUS304
⑨	Piston rod	SUS304
⑩	Cylinder tube	C-PVC
⑪	Spring	SUS304-WPB

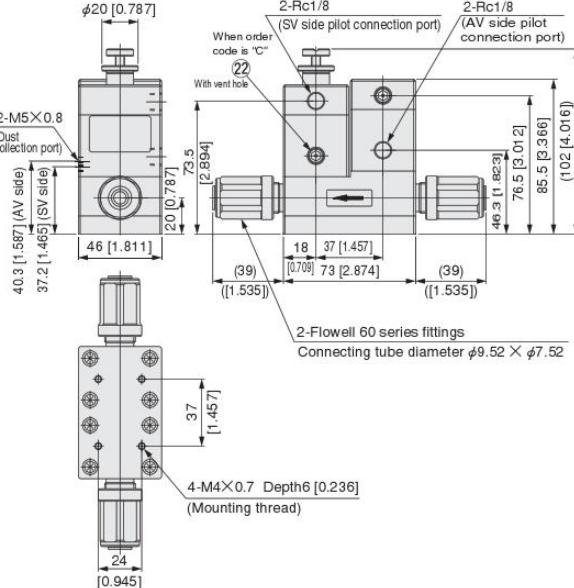
No.	Parts	Materials
⑫	Spring	SUS304-WPB
⑬	Seal	FKM
⑭	Seal	FKM
⑮	O-ring	FKM
⑯	O-ring	FKM
⑰	O-ring	FKM
⑱	Adjusting screw	SUS304
⑲	Lock nut	SUS304
⑳	Nut	SUS304
㉑	Nut	PFA
㉒	Plug	VECTRA

## Dimensions mm [in.]

### ●F-SAV250-10W



### ●F-SAV250-18W



## Specifications

Item	Model	F-SAV250-10W	F-SAV250-18W	
Media	Pure water, chemicals			
Operating temp. range °C [°F]	Media	5~60 [41~140]	Atmosphere	0~50 [32~122]
Operating pressure range MPa [kgf/cm²] [psi]		0~0.2 (0~2.0) [0~29]		
Pilot pressure MPa [kgf/cm²] [psi]		0.3~0.5 [3.1~5.1] [44~73]		
Back pressure MPa [kgf/cm²] [psi]		0~0.3 [0~3.1] [0~44]		
Proof pressure MPa [kgf/cm²] [psi]		1 [10.2] [145]		
Orifice (Cv)	mm	6 [0.6]		
Pilot connection port size		Rc1/8		
Leakage at valve seat		0 [0]	(When the media is water)	
cm³/min [in³/min.]		0.5 [0.031]		
Maximum suck back volume cm³ [in³]				
Recommended mounting direction		Vertical mounting with port facing upward <sup>NOTE</sup>		

Note: Mount the valve with the arrow mark on the label on the valve body side pointing upward.

## Order Codes

### ●With H series fitting

**F-SAV250** -  - **10W**

Valve function

#### Basic model

#### Valve function

C: Single acting type (AV side normally closed (NC), SV side single acting type)  
D: Double acting type

### ●With Flowell 60 series fitting

**F-SAV250** -  - **18W**

Valve function

#### Basic model

#### Valve function

C: Single acting type (AV side normally closed (NC), SV side single acting type)  
D: Double acting type