



Drip prevention valve for chemical liquids

# AMSZ2/AMS022 Series

Drippings can be prevented

Drip prevention valve for nozzle tip control

●Maximum drip prevention amount: 0.04cm<sup>3</sup>/0.12cm<sup>3</sup>

●Connection tube size: ø3, ø6, ø6.35, 1/8", 1/4", Rc1/8

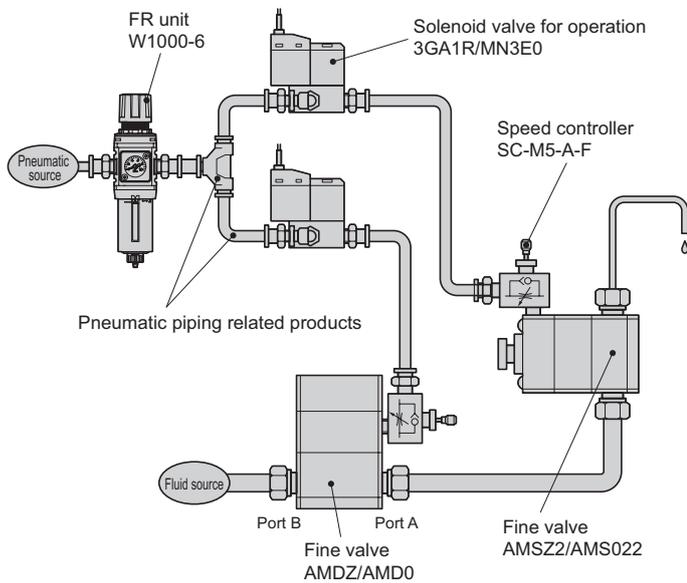


## Specifications

Item		AMSZ2-*	AMS022-*
Working fluid		Chemical liquid, pure water (*1)	
Fluid temperature	°C	5 to 80	
Proof pressure	MPa	1.0	
Working pressure	MPa	0 to 0.2	
Ambient temperature	°C	0 to 60	
Mounting orientation		Horizontally mounted with port positioned vertically (port on OUT side up)	
Connection		Rc1/8 O.D. ø3 tube connection O.D. 1/8" tube connection	Rc1/8 O.D. ø6 tube connection O.D. 1/4" tube connection
Operating section	Operating pressure	MPa 0.3 to 0.5	
	Operating port	M5	
Maximum drip prevention amount		cm <sup>3</sup> 0.04	0.12
Weight	kg	0.08	0.13

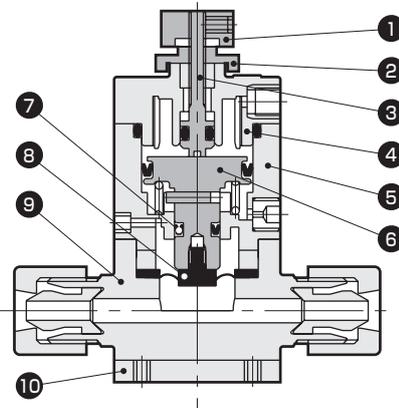
\*1: Cannot be used with acidic fluids. Contact CKD regarding acidic fluids and aqueous ammonia.  
Check the compatibility of product structural materials, working fluids and atmosphere.

## Examples of use and related products



For related products, refer to the CKD website (<https://www.ckd.co.jp/kiki/en/>).

## Internal structure and parts list



Part No.	Part name	Material (by body material)	
		Standard	D
1	Knob	SUS303	
2	Lock nut	SUS303	
3	Adjusting rod	SUS303	
4	Cover	PPS	
5	Cylinder	PPS	
6	Piston rod	SUS303	
7	Y packing	NBR	
8	Diaphragm	PTFE	
9	Body	PFA, PTFE	SUS316
10	Mounting plate	SUS304	—

The material and structure may vary depending on the model number. Contact CKD for details.

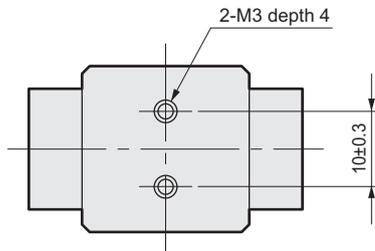
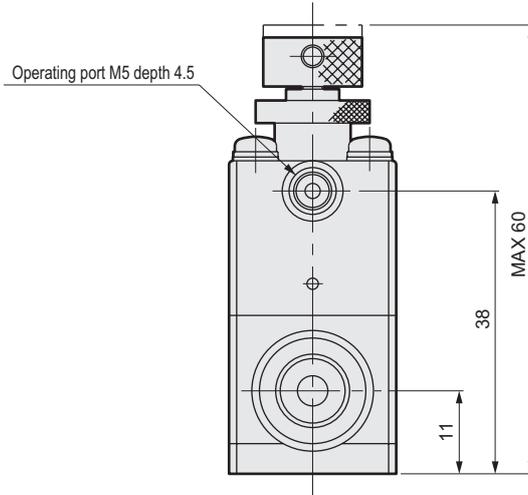
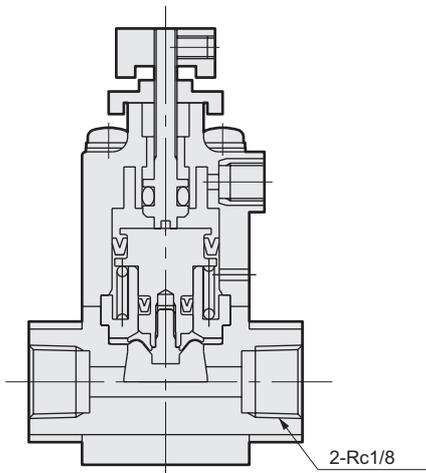
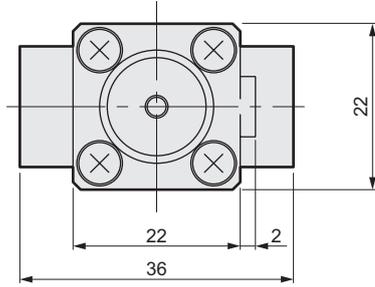
⚠ Always read the precautions on Intro Pages 7 to 14 before use.



## Dimensions

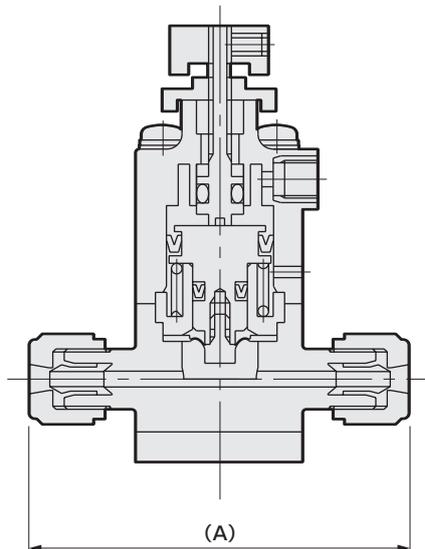
### ● Rc thread

- AMSZ2-6
- AMSZ2-6-D



### ● Integrated fitting

- AMSZ2-



Dimensions	
*1 (Connector No.)	A
3US, 3UP	50
6BUS, 6BUP	50
3UF	40
3UR	57
6BUR	57

