



Fine flow rate adjusting valve Series

Separate the flow rate adjustment section and valve open/close function section

Realizing stable fine flow rate adjustment

● Connection tube size: $\varnothing 3$, 1/8", Rc1/8



Specifications

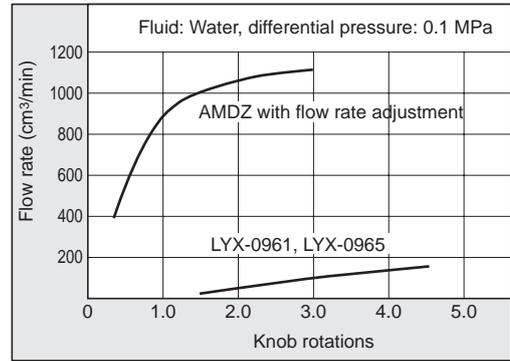
Item	LYX-0961-*	LYX-0965-*
Working fluid	Chemical liquid, pure water (*1)	
Fluid temperature °C	5 to 60	
Proof pressure MPa	0.6	
Working pressure MPa	0 to 0.3	
Ambient temperature °C	0 to 60	
Mounting orientation	Unrestricted	
Weight kg	0.12	0.07

*1: Cannot be used with acidic fluids. Check the compatibility of product structural materials, working fluids and atmosphere.

*2: Refer to AMDZ on page 66 for specifications of the air operated valve.

Flow / Pressure characteristics

Flow characteristics comparison



How to order

LYX - 0961 - 6BUS - 1

① Type

② Connection

③ Actuation
(Select only for LYX-0961)

① Type

0961	Air operated valve integrated
0965	Fine flow rate adjusting valve only (no valve closing function)

② Connection

6	Rc1/8	
3US	Super-type pillar integrated fitting	$\varnothing 3 \times \varnothing 2$ tube connection
6BUS	Super-type pillar integrated fitting	1.8" x 0.086" tube connection
3UP	Super 300	$\varnothing 3 \times \varnothing 2$ tube connection
6BUP	Pillar fitting P Series	1.8" x 0.086" tube connection
3UF	F-LOCK 20 Series integrated fitting	$\varnothing 3 \times \varnothing 2$ tube connection
3UR	F-LOCK 60 Series integrated fitting	$\varnothing 3 \times \varnothing 2$ tube connection
6BUR	F-LOCK 60 Series integrated fitting	1/8" x 1/16" tube connection

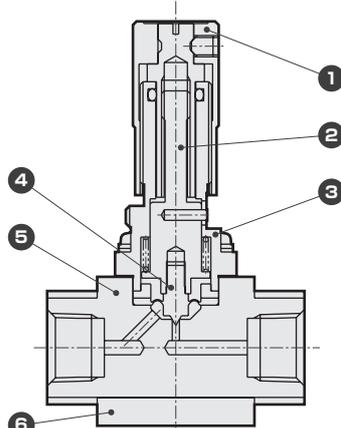
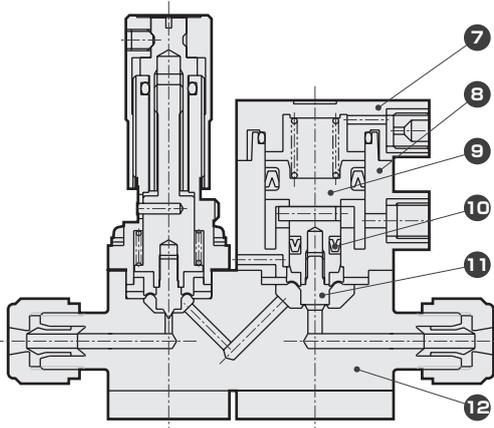
③ Actuation

1	NC (normally closed)
2	NO (normally open)
3	Double acting

Internal structure and parts list

● LYX-0961

● LYX-0965



Part No.	Part name	Material
1	Adjusting knob	A5056
2	Lower rod	SUS304
3	Needle cover	SUS304
4	Diaphragm	PTFE
5	Body	PTFE
6	Mounting plate	SUS304
7	Cover	PPS
8	Cylinder	PPS
9	Piston rod	SUS303
10	Y packing	NBR
11	Diaphragm	PTFE
12	Body	PTFE

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.

