



Stainless steel body chemical liquid manual valve

MMD³₄⁵02 Series

- Orifice: MMD302: Ø8/Ø10
MMD402: Ø16
MMD502: Ø20



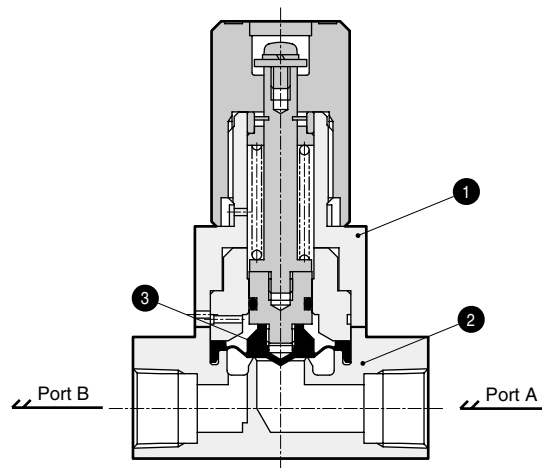
Specifications

Descriptions	MMD302	MMD402	MMD502
Working fluid	Chemical liquids, pure water (Note 1)		
Fluid temperature °C	5 to 90		
Withstanding pressure MPa	1.2		
Working pressure range (A → B) MPa	0 to 0.4		
Working pressure range (B → A) MPa	0 to 0.4		
Valve seat leakage cm ³ /min	0 (at, water pressure)		
Back pressure MPa	0 to 0.4		
Ambient temperature °C	0 to 60		
Installation attitude	Free		
Connection	Rc1/4·Rc3/8 Ø3/8" SUS weld tube Ø3/8" double barbed fitting (Note 2) Ø1/2" SUS weld tube Ø1/2" double barbed fitting (Note 2)	Rc1/2 Ø3/4" SUS weld tube Ø3/4" double barbed fitting (Note 2)	Ø1" double barbed fitting (Note 2)
Orifice	Ø8/Ø10	Ø16	Ø20

Note 1: Check the compatibility of the product's configuration materials, working fluid, and ambient atmosphere before use.

Note 2: For the double-barbed fitting, fluorine-based lubricant is applied on the sliding surface of the front ferrule and fitting.

Internal structure and parts list

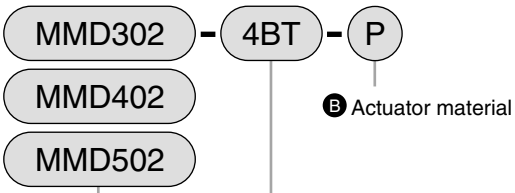


No.	Parts name	Material	Quantity
1	Actuator assembly	PP	1
2	Body	SUS316L	1
3	Diaphragm	PTFE	1

The material differs with the model. Contact CKD for details.

How to order

● MMD*02 Series



Model No.

A Connection

		MMD302						MMD402			MMD502	
		A Connection										
		8	3BT	6S	10	4BT	8S	15	6BT	12S	8BT	16S
		Rc 1/4	3/8" X 1/4" SUS weld tube	3/8" X 1/4" tube connection Double barbed fitting	Rc 3/8	1/2" X 1/2" SUS weld tube	1/2" X 3/8" tube connection Double barbed fitting	Rc 1/2	3/4" X 1/2" SUS weld tube	3/4" X 1/4" tube connection Double barbed fitting	1" X 1/2" SUS weld tube	1" X 7/8" tube connection Double barbed fitting
Symbol	Descriptions	Orifice										
		Ø8			Ø10			Ø16			Ø20	
B Actuator material												
P	PP	●	●	●	●	●	●	●	●	●	●	●
A	Aluminum	●	●	●	●	●	●	●	●	●	●	●

- AMIDZ
- AMID0*2
- AMID3*2
- AMID4*2
- AMID5*2
- AMGZ0
- AMG00
- AMG*02
- GAMID*+2
- High-pressure specifications
- AMID
- AMB
- Flow characteristics
- MIMD*02
- GMMD*02
- MMD*0
- TMD*02
- AMS
- AMDS
- TOAS
- Fine regulator
- KML
- Others
- Solenoid valve