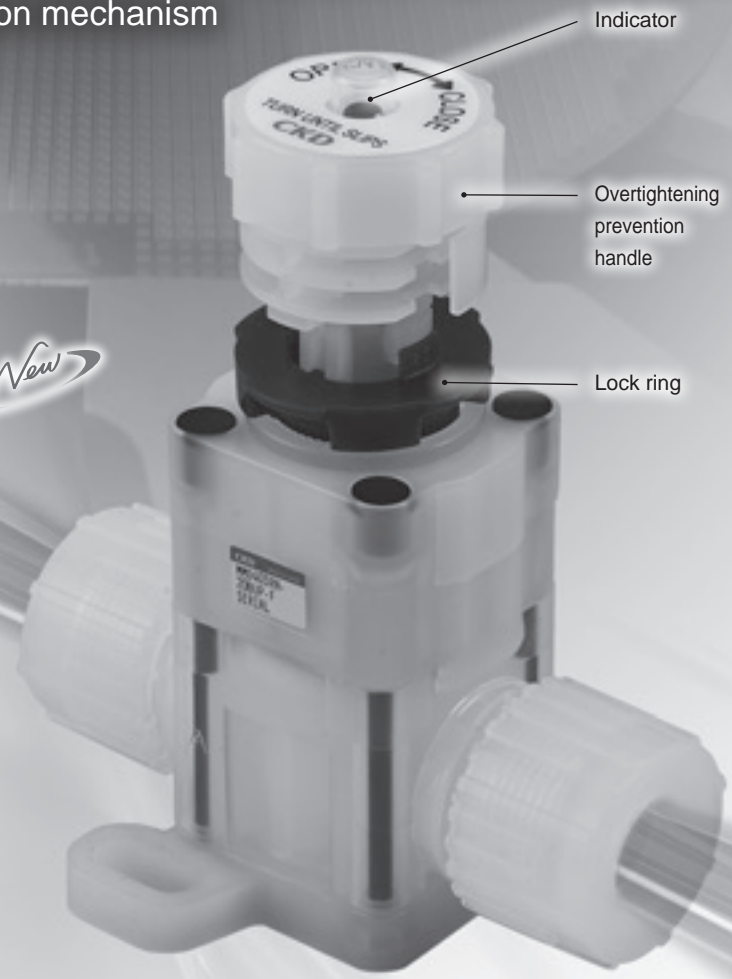


# Easier than ever to choose and use

Cover of the "working pressure range", "working fluid" and "fluid temperature" has been expanded as standard from the conventional model (MMD\*\*2). Added safety with a proprietary overtightening prevention mechanism

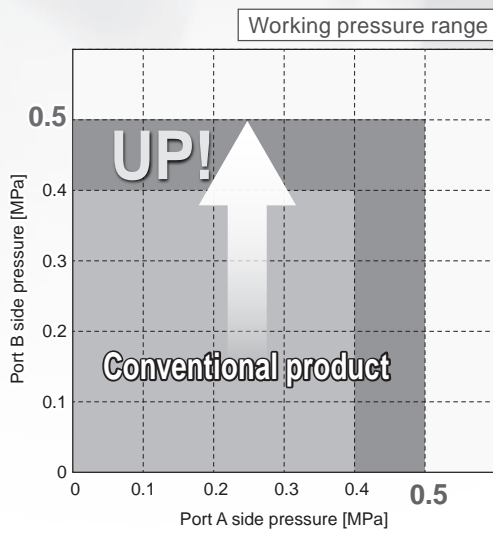
## Manual valve for chemical liquids

- MMD003RN
- MMD303RN
- MMD403RN
- MMD503RN



## Working pressure range extended

Working pressure range expanded compared to the conventional Part 2 Series. Equal working pressure at ports A and B.

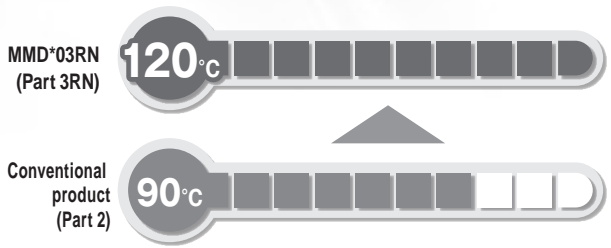


## Supports a variety of liquids as standard

The use of highly chemically resistant polyvinylidene fluororesin (PVDF) for the actuator enables support for a wide range of applications as standard, regardless of acidity or alkalinity.

Liquids	General/Other	Hydrofluoric acid
Conventional product (Part 2)	U specs.	P specs.
MMD*03RN (Part 3RN)	Standard specifications	

## Extended fluid temperatures for standard products

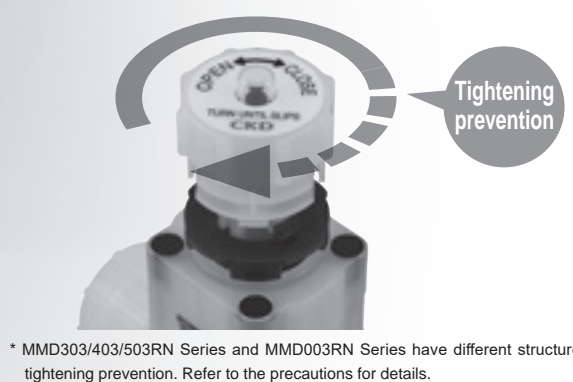


### Seal damage prevention

Handle with overtightening prevention mechanism

With CKD's proprietary structure, the risk of seal damage due to handle operation is minimized.

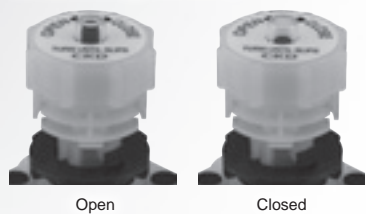
**New structure**



### Valve open/closed visual indicator

**Indicator**

The valve status (open or closed) can be confirmed.



### 3 types of mounting methods

New 4-point flange mounting added to the conventional flange and bottom mounting.



## Prevents misoperation

**Misoperation prevention cover**

By covering the operation section (handle/lock ring), misoperation, human error issues such as carelessness, communication failures, disasters, and accidents are prevented.

\*The misoperation prevention cover cannot be used with the GMMD303/403/503RN Series.



### Size variation

Tube connection	1/4"	3/8"	1/2"	3/4"	1"
	6 mm	10 mm	12 mm		25 mm
MMD003RN	●	●			
MMD303RN		●	●		
MMD403RN				●	
MMD503RN					●
GMMD*03RN	●	●	●	●	●

**GMMD Series**

Manifold keeps it compact.

\*Contact CKD for details.