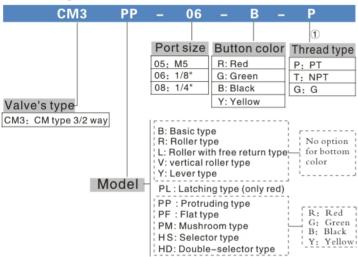


CM3 Series

Product feature

- The external force required by direction-change of CM3B, CM3L, CM3V and CM3R is provided by external mechanism, which can be used for position test or stoke switch;
- CM3PF, CM3PM, CM3PL, CM3HS, CM3HD and CM3Y are operated manually, owning control joints with several structure forms and suitable for application under different conditions;
- 3.It is in cut-off structure. Internal circle is sealed with good tightness, the direction-change is sensitive and lubricant is not necessary;
- 4. Multi-mounting method makes it convenient to install and apply;
- 5. The control joint of series of CM3L, CM3V, CM3R and CM3Y are made of metal which has longer service life and more reliable and steady performance.

Ordering code



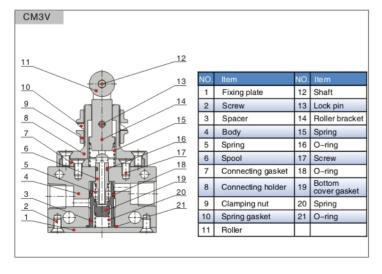
Note: 1) When the thread is M5 type, the code is blank.

Specification

Model	CM3□-05	CM3□-06	CM3□-08
Operating	External control		
Fluid	Air (to be filled by 40µm filter element)		
Pressure range	0 ~ 1.0MPa (0 ~ 145psi) (0 ~ 10.0bar)		
Proof pressure	1.5MPa (215psi) (15.0bar)		
Temperature	–20 ~ 70°C		
Value type	3 port 2 position		
Orifice size	2.0mm ²	2.5mm²	15.0mm ²
Cv value	0.11	0.14	0.84
Port size ①	M5X0.8	1/8"	1/4"
Material of body	Aluminium		

Note: 1 PT thread ,NPT thead and G thread are available.

Inner structure



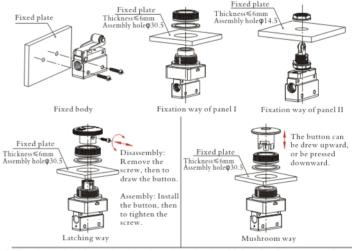


Symbol



Installation and operation

Assembly way:by body, by panel I, by panel II, latching type, mushroom type.
Please refer to the following picture:



- 2. The control set is made of engineering plastic which only allows manual operation and switching valves through metal impact is forbidden.
- 3. The series of CM3B, CM3L, CM3V, CM3R, CM3PF and CM3PP get the function of automatic restoration. The hand valves of CM3Y, CM3HS, CM3HD, CM3PL are in type of manual restoration. CM3PL will be restored by turning the revolve button after being pressed into orientation.
- 4. Pay attention to the reversing stroke. The reversing stroke can not surpass its stroke stipulated in stroke control table when the direction-change of the valve is forced by any external forces, otherwise it will cause the damage of the valve.

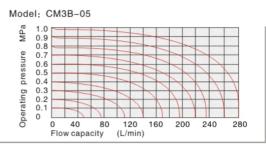
Туре	Spool stoke	Button (Roller/handle) stroke	Туре	Spool stoke	Button (roller/handle) stroke
CM3B-05(06)	1.5~3.0	-	CM3B-08	2.4~4.0	-
CM3L-05(06)	1.5~2.3	3.0~4.8	CM3L-08	2.4~3.2	7.2~9.7
CM3R-05(06)	1.5~2.5	3.0~4.8	CM3R-08	2.4~3.2	6.8~9.0
CM3V-05(06)	1.5~3.0	2.7~4.2	CM3V-08	2.4~4.0	2.6~4.2
CM3PL-05(06)	1.5~2.5	4.0~5.0	CM3PL-08	2.4~3.5	4.0~5.0
CM3PM-05(06)	1.5~3.0	4.0~5.5	CM3PM-08	2.4~4.0	4.0~5.5
CM3PF-05(06)	1.5~3.0	4.0~5.5	CM3PF-08	2.4~4.0	4.0~5.5
CM3PP-05(06)	1.5~3.0	4.0~5.5	CM3PP-08	2.4~4.0	4.0~5.5

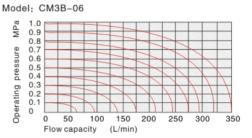
- 5. The CM3L can only switch the valve in single direction(impact from left to right). The impact from the other direction (from right to left) is invalid.
- Control joint combination can be ordered individually. Please refer to external specification.

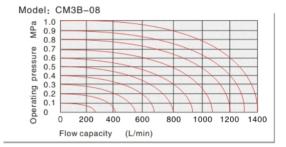


CM3 Series

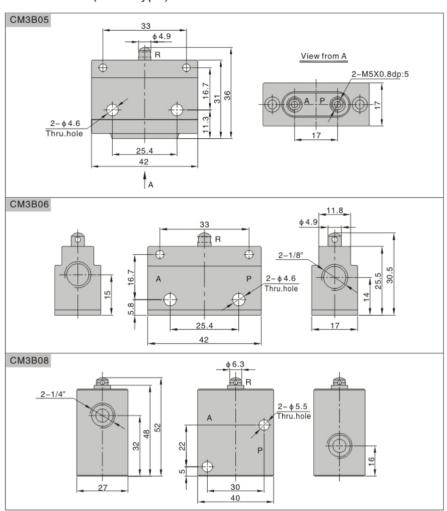
Flow chart



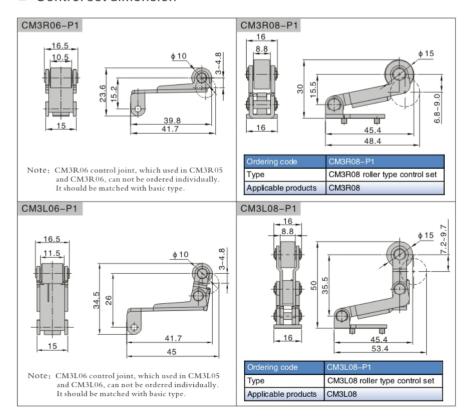




Dimension (Basic type)

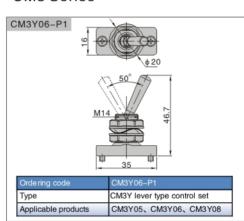


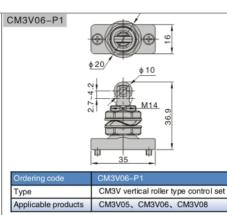
Control set dimension

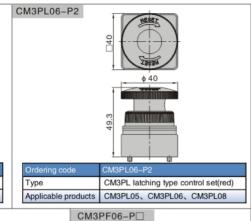


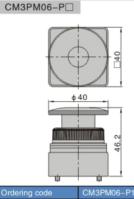


CM3 Series





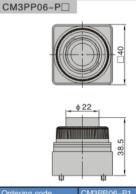




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Ordering code		CM3PN	M06-P1
Туре		CM3PM mushroom type control set (green)	
Applicable products		CM3PM05、CM3PM06、 CM3PM08	
Ordering code		СМЗРМ	106-P2
Туре		CM3PM control	I mushroom type set (red)
Applicable prod	ucts	CM3PN CM3PN	105、CM3PM06、 108
Ordering code		СМЗРМ	106-P3
Туре			1 mushroom type set (black)
Applicable prod	ucts	CM3PN CM3PN	105、CM3PM06、 108
Ordering code		СМЗРМ	106-P4
Туре			1 mushroom type set (yellow)
Applicable products		CM3PN CM3PN	105、CM3PM06、 108



4	4
Ordering code	CM3HS06-P1
Туре	CM3HS selector type control set (green)
Applicable products	CM3HS05、CM3HS06、 CM3HS08
Ordering code	CM3HS06-P2
Туре	CM3HS selector type control set (red)
Applicable products	CM3HS05、CM3HS06、 CM3HS08
Ordering code	CM3HS06-P3
Туре	CM3HS selector type control set (black)
Applicable products	CM3HS05、CM3HS06、 CM3HS08
Ordering code	CM3HS06-P4
Туре	CM3HS selector type control set (yellow)
Applicable products	CM3HS05、CM3HS06、 CM3HS08



l	ф	ф
Ordering code		CM3PP06-P1
Туре		CM3PP protruding type control set (green)
Applicable prod	ducts	CM3PP05、CM3PP06、 CM3PP08
Ordering code		CM3PP06-P2
Туре		CM3PP protruding type control set (red)
Applicable prod		CM3PP05、CM3PP06、 CM3PP08
Ordering code		CM3PP06-P3
Туре		CM3PP protruding type control set (black)
Applicable prod	ducts	CM3PP05、CM3PP06、 CM3PP08
Ordering code		CM3PP06-P4
Туре		CM3PP protruding type control set (yellow)
Applicable prod	ducts	CM3PP05、CM3PP06、 CM3PP08

