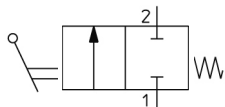


VM100, 100 Series 2/3 Port Mechanical Valve VM122-M5-08A

Datasheet

General series information

- Fluid: Air/Inert gas.
- Compact size.
- Piping options: Side ported, Bottom ported.
- Possible to choose mounting method with side ported.
- Variety of actuator types.



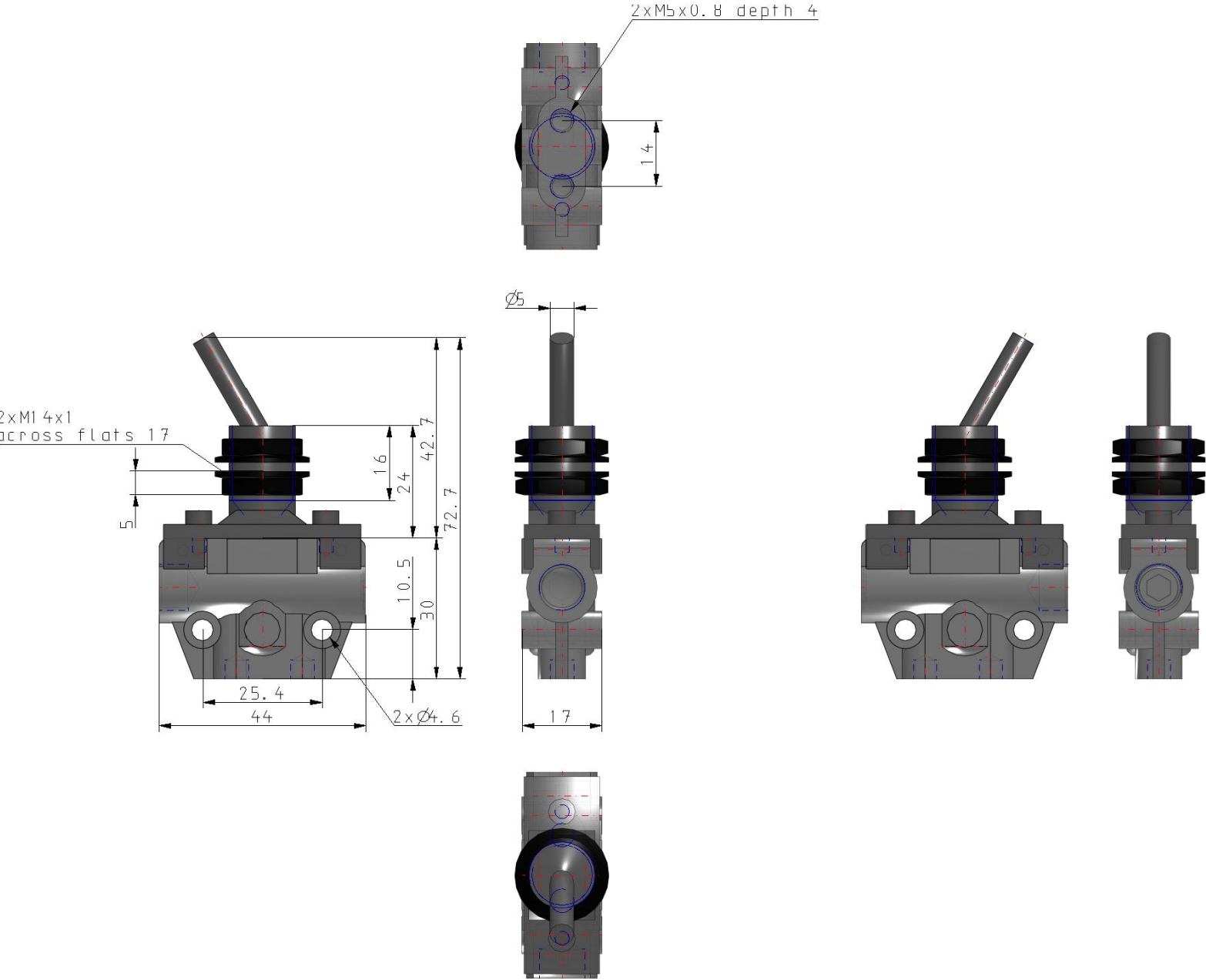
*Directional control valve 2/2-way valve, closed
normal position With manual control lever
Return with mechanical control spring*

Standard specifications

Number of Ports	2 Port
Piping Direct., Plunger Length	2 (Bottom Ported Long)
Body Option	Side Mounting
Port Size	M5 (M5 x 0.8) Bottom Ported Only
Actuator type	08 (Toggle Lever)
Suffix	None
Indicator	None
Bracket	None
Pressure medium	Air/Inert gas
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	-5 °C (No freezing)
Maximum operating pressure	1.0 MPa
Minimum operating pressure	-100 kPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-5 °C (No freezing)
Pneumatic input connection	M5 x 0.8
Pneumatic exhaust connection	M5 x 0.8
Function in normal position	Closed

Type of piloting	Directly
Valve return	Mechanical spring
Flow rate	120 l/min
Critical pressure ratio	0.2
Sonic conductance dm ³ /(s·bar)	0.5
Actuation type	Manually
Weight	0.108 Kg

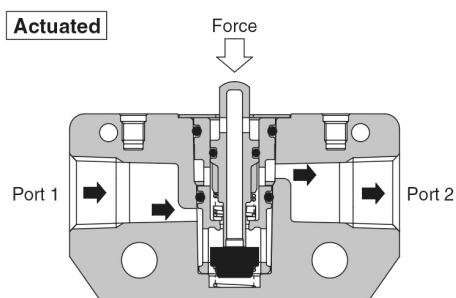
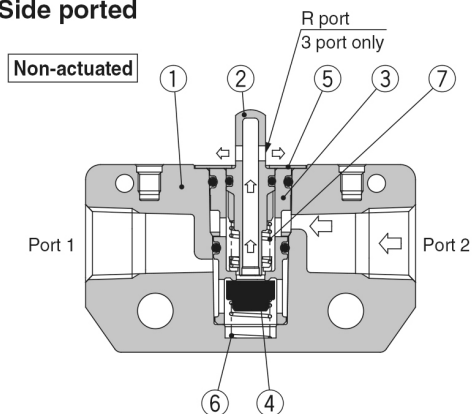
Dimensions



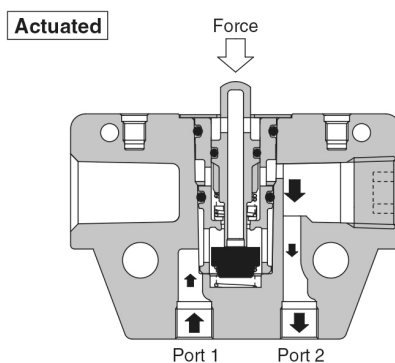
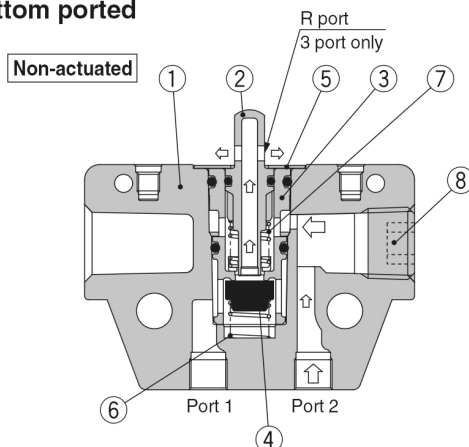
Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Constructions

Side ported



Bottom ported



Component Parts

No.	Description	Material	Note	
1	Valve	ZDC	White coated	
2	Plunger	Polyacetal	2 port	Grey
3	Valve sheet		3 port	White
4	Valve	NBR		

No.	Description	Material	Note
5	Plunger retainer	Stainless steel	
6	Spring	Stainless steel	
7	Spring	Spring steel	
8	Hexagon socket head taper plug	Rolled steel	

Additional information

Catalogue	VM100-200-A_EU.pdf
Installation manuals	IM_VM_SMT03EN-A.pdf