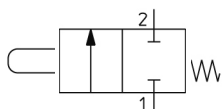


VM200, 200 Series 2/3 Port Mechanical Valve VM220-02-05A

Datasheet

General series information

- Fluid: Air/Inert gas.
- Large flow capacity.
- Possible to choose mounting method with side ported.
- Variety of actuator types.



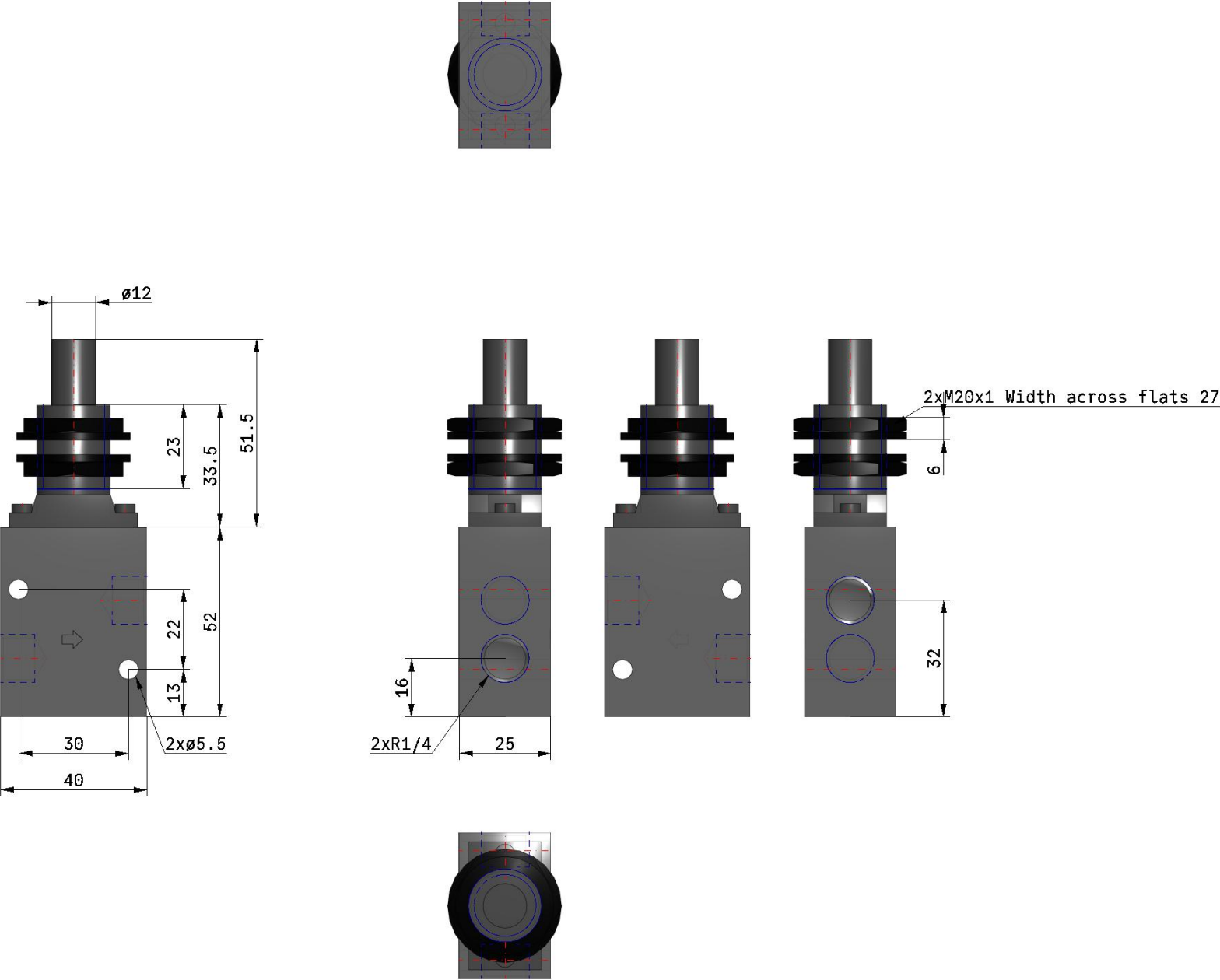
*Directional control valve 2/2-way valve, closed
normal position With mechanical control
plunger Return with mechanical control spring*

Standard specifications

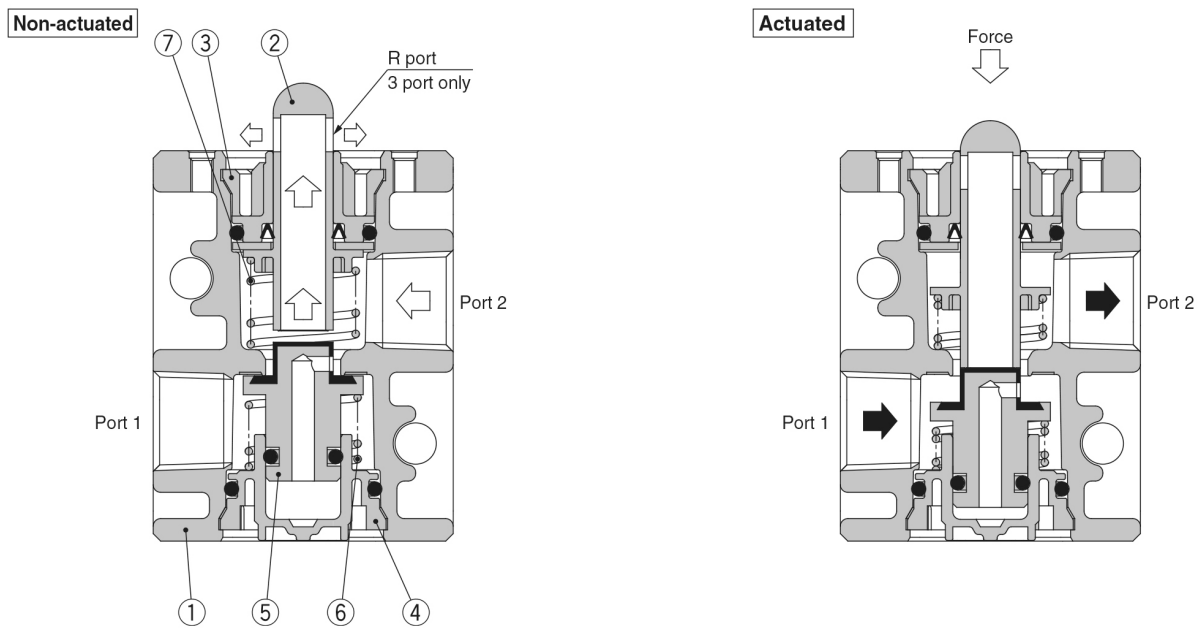
Number of Ports	2 Port
Body Option	Side Mounting
Port Size	02 (R 1/4)
Actuator Type	05 (Straight Plunger)
Suffix	None
Bracket	None
Pressure medium	Air/Inert gas
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	-5 °C (No freezing)
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-5 °C (No freezing)
Pneumatic input connection	R 1/4
Pneumatic exhaust connection	R 1/4
Function in normal position	Closed
Type of piloting	Directly
Valve return	Mechanical spring
Flow rate	1088 l/min

Critical pressure ratio	0.4
Sonic conductance dm ³ /(s·bar)	4
Actuation type	Mechanically
Weight	0.240 Kg

Dimensions



Constructions



Component Parts

No.	Description	Material	Note	
1	Valve	ADC	White coated	
2	Plunger	Polyacetal	2 port	Grey
			3 port	White
3	Plunger retainer	PBT		
4	Cover	PBT		
5	Inner valve	NBR, Brass		
6	Spring	Stainless steel		
7	Spring	Spring steel		

Additional information

Catalogue	VM100-200-A_EU.pdf
Installation manuals	IM_VM100_TF2Z478EN-C.pdf