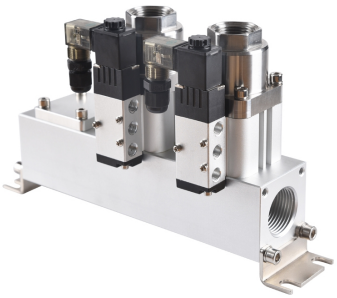
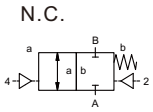
VMK Series Coaxial Valve Manifolds

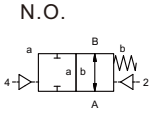
Product Features

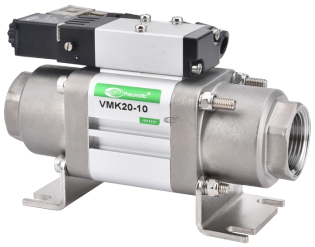
- **High-Pressure Reliability**
  ① Diaphragm-free, anti-clogging
  ② Pressure-balanced spool reduces sticking
  ③ Long sealing life, less downtime
- **Fast, Stable Switching**
  ① Light-load spool for rapid actuation
  ② Stable response for high-frequency cycles
- **High Flow, Low Pressure Loss**
  ① Straight-through coaxial flow path
  ② Higher flow than poppet/diaphragm valves
- **Modular Manifold**
  ① 2–4 valves on one manifold
  ② One pump for multiple outlets; compact and service-friendly
- **Wide Media Range**
  ① Water-/oil-based coolants
  ② Emulsions, lubricants, medium-viscosity fluids











Ordering Code

VMK Series Coaxial Valve Manifolds

VMK | 3V | - | □ | - | 20 | - | 3 | - | □ | - | □ | - | 1.0

- **Series code**: VMK: Coaxial valve
- **Type code**: Nil: Single valve; 3V: 3 position; 4V: 4 position
- **Manifold port size**: Nil: Single valve; 25: DN25 (G1"); 50: DN50 (G2")
- **Port size**: 20: DN20 (G3/4); 25: DN25 (G1")
- **Number of valves**: Nil: Single valve; 1: 1 position; 2: 2 position; 3: 3 position; 4: 4 position
- **Port size**: Nil: None; 20: DN20(G3/4); 25: DN25(G1")
- **Number of valves**: Nil: None; 1: 1 position; 2: 2 position
- **Working pressure**: 1.0MPa; 10MPa

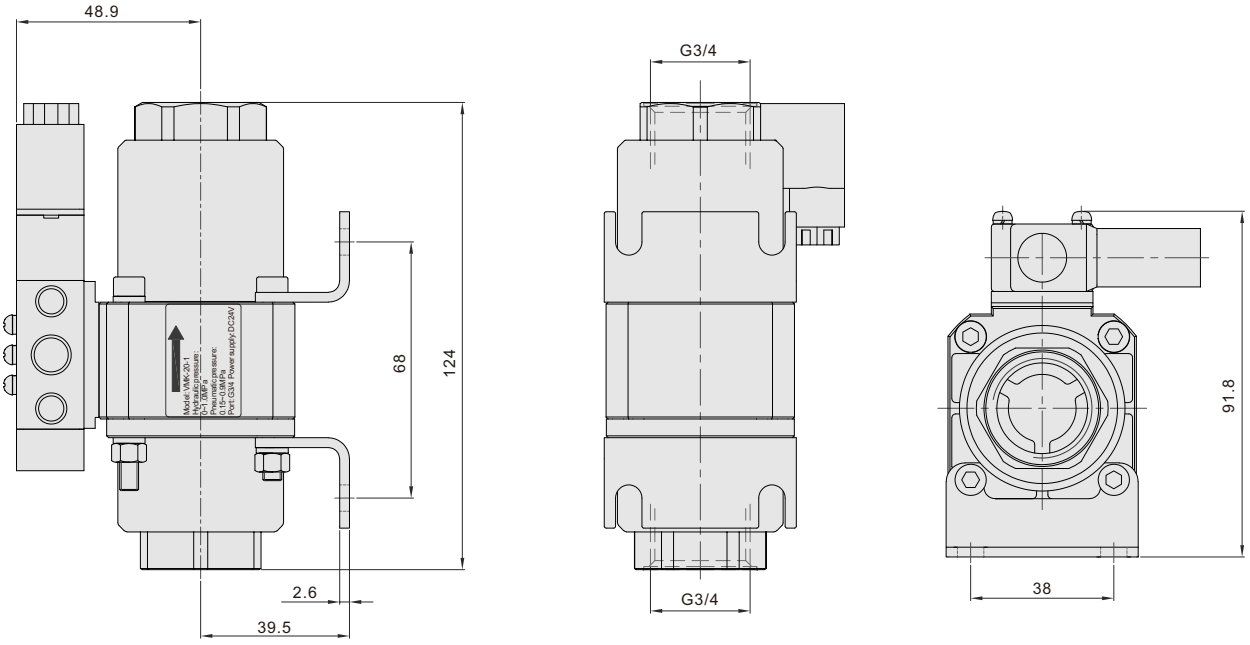
Specifications

Model	VMK, VMK3V, VMK4V
Working medium	Liquid
Control type	Normal closed / Normal open
Working pressure	Low pressure: 0 to 1.0MPa, High pressure: 0 to 10MPa
Working temperature	-20 to 160℃
Switching times	50 to 3000 ms
Actuation	Standard pilot solenoid valve
Valve body	Aluminum alloy or stainless steel
Module body	Aluminum alloy or stainless steel
Seal materials	HNBR/TPU/PTFE
Energized protection	IP65
Energized duty rating	ED100%
Kv value (A→B)	8.8 to 13.3 m³/h

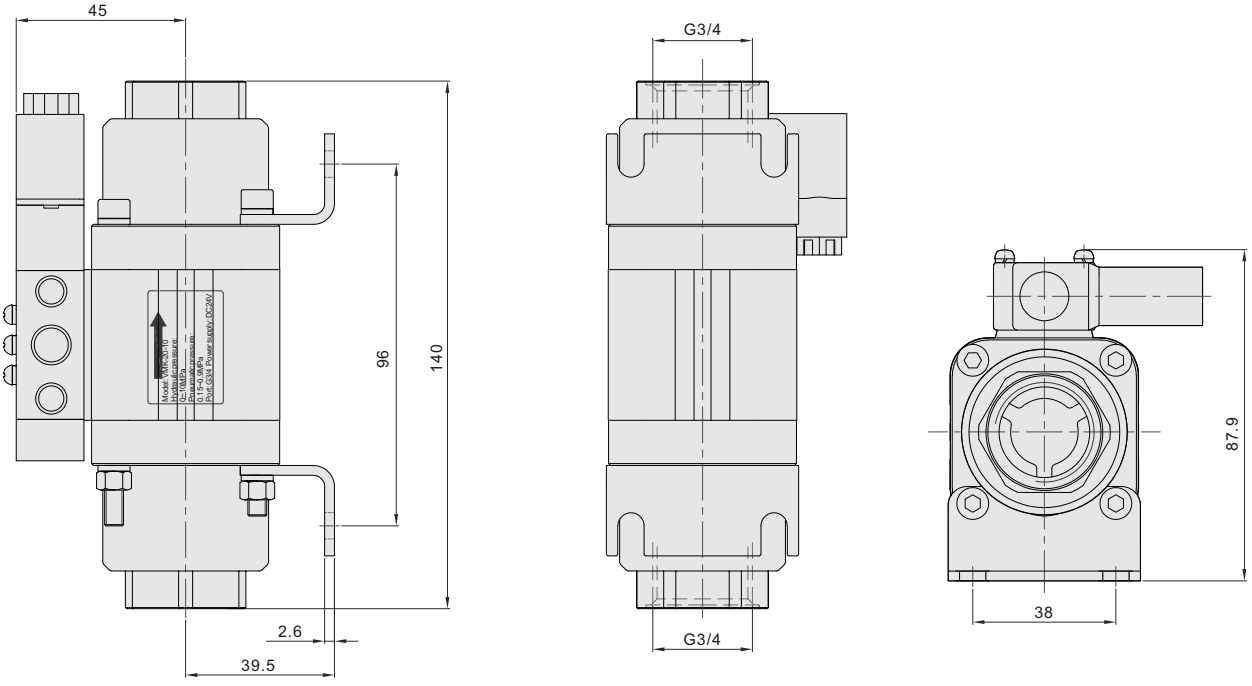
VMK Series Coaxial Valve

Main Dimension

VMK-20-1



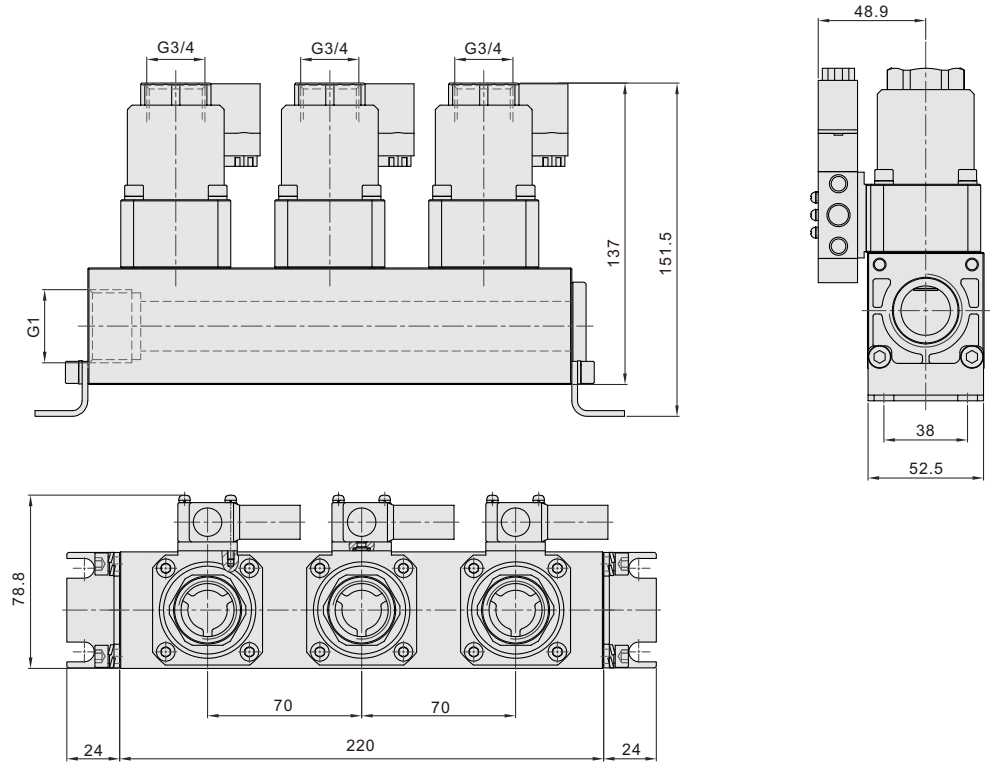
VMK-20-10



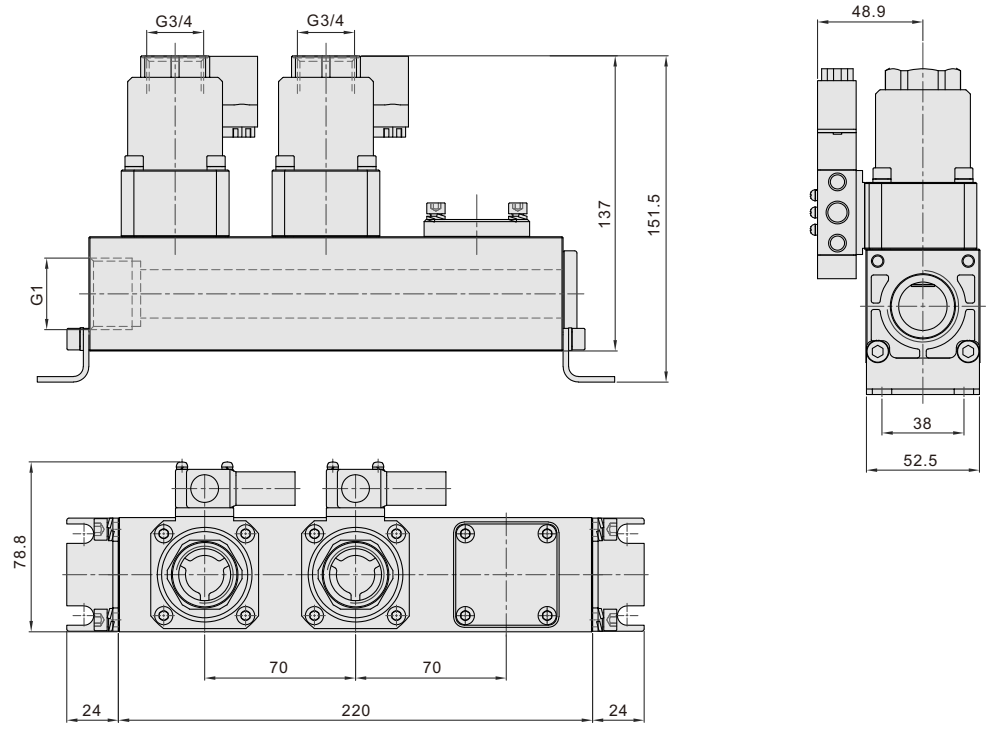
VMK Series Coaxial Valve Manifolds

Main Dimension

VMK3V-25-20-3-1



VMK3V-25-20-2-1

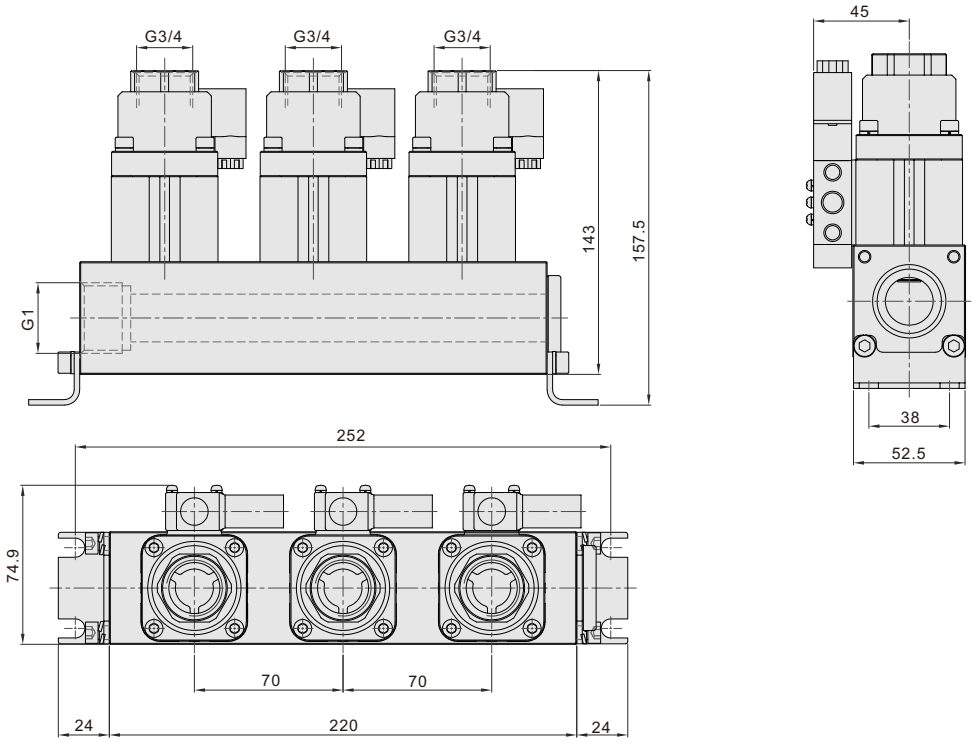


III

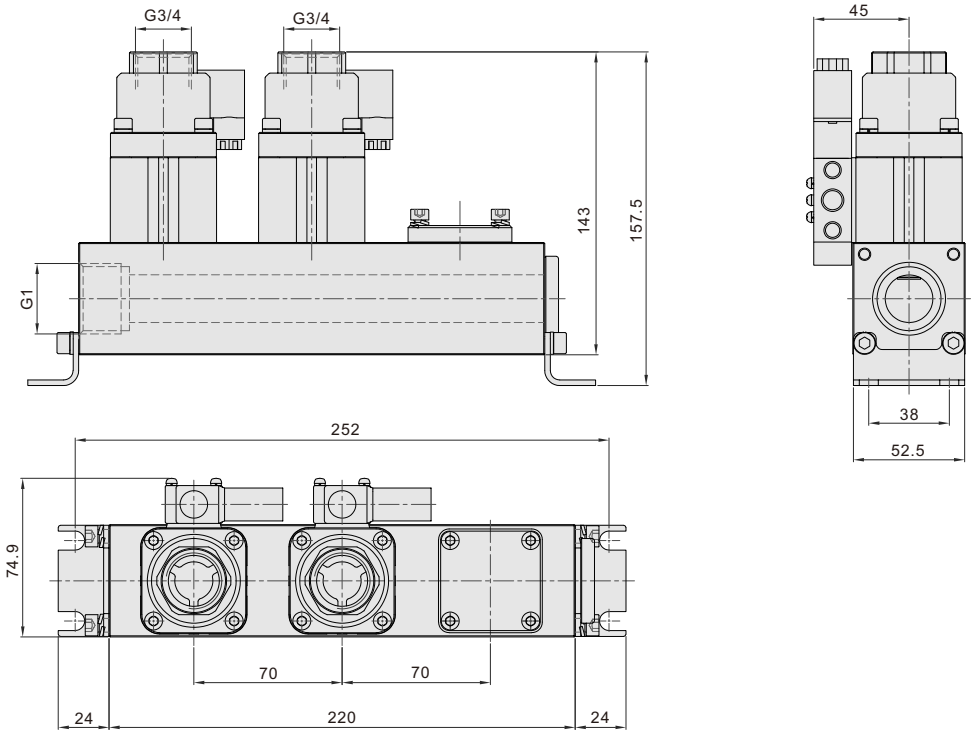
VMK Series Coaxial Valve Manifolds

Main Dimension

VMK3V-25-20-3-10



VMK3V-25-20-2-10

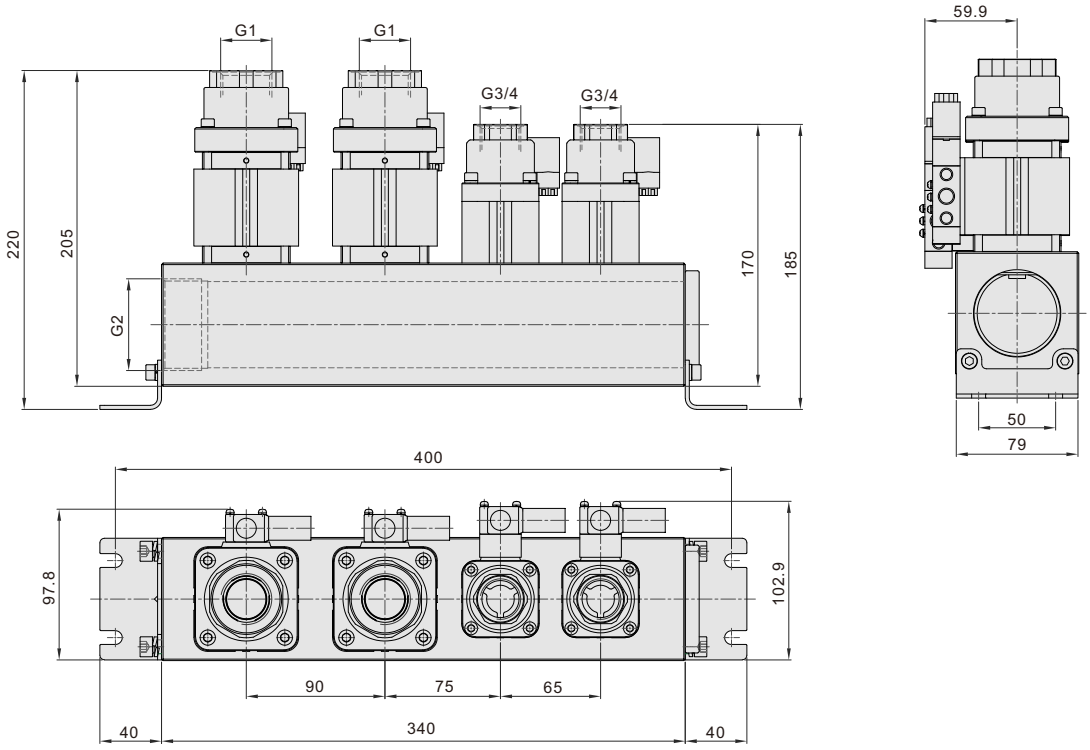


III

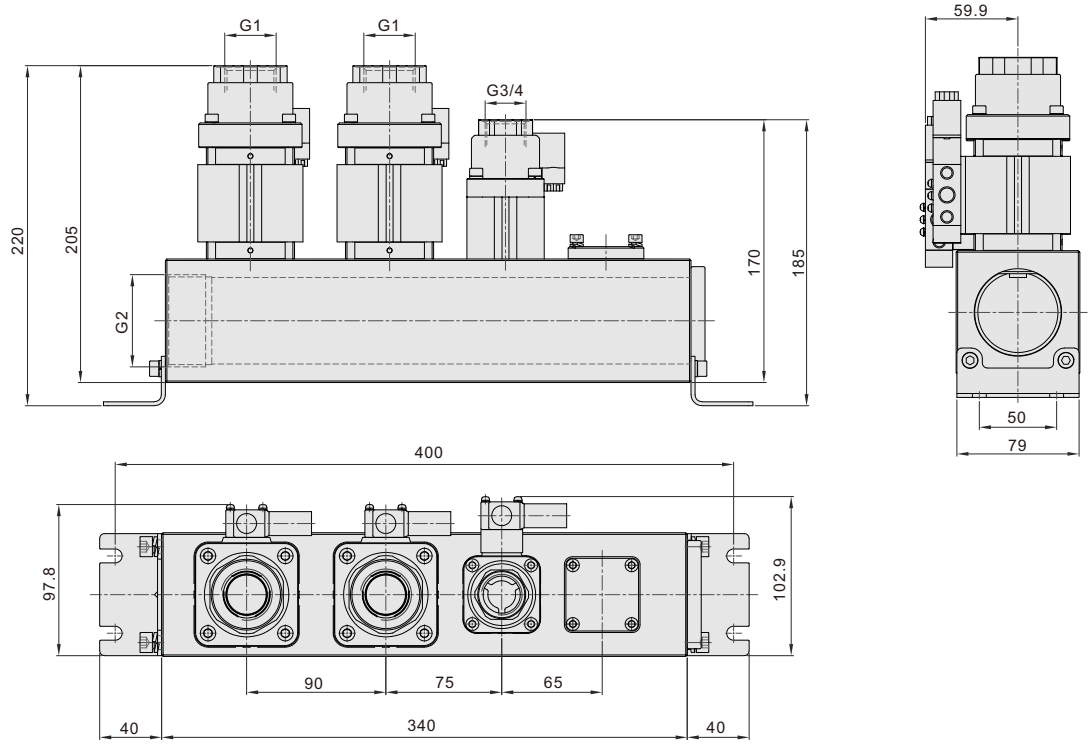
VMK Series Coaxial Valve Manifolds

Main Dimension

VMK4V-50-25-2-20-2-10



VMK4V-50-25-2-20-1-10



VMK Series Coaxial Valve Manifolds

Main Dimension

VMK4V-50-25-4-10

