Product Data Sheet

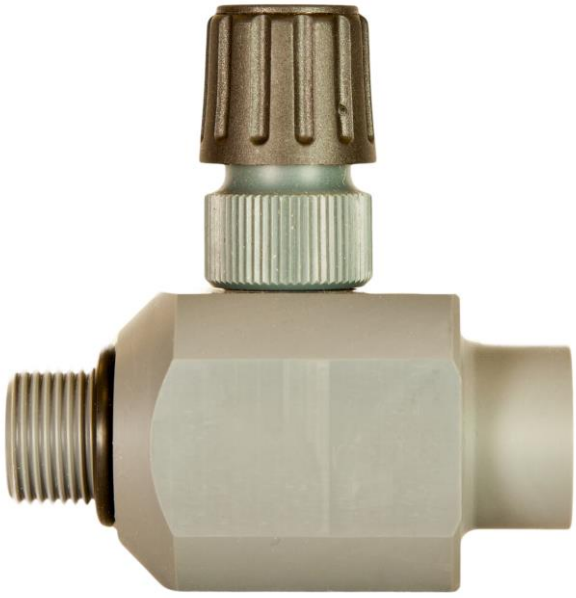
MPB SERIES CV100 FLOW CONTROL VALVE

GENERAL INFORMATION

The MPB Series CV100 offers an excellent corrosion resistant flow control valve, which is suitable for use with MPB Series FA50 Flow Alarm, TX50 Flow Transmitter, 1700 Flowmeter, or any other lower flow rate flowmeter in the MPB range.

For higher flows, please see MPB Series CV200 technical bulletin MPBTB 094.

The MPB range of flow control valves offers excellent, economical, independent flow control, which can be used in any application where a needle flow control valve is required.



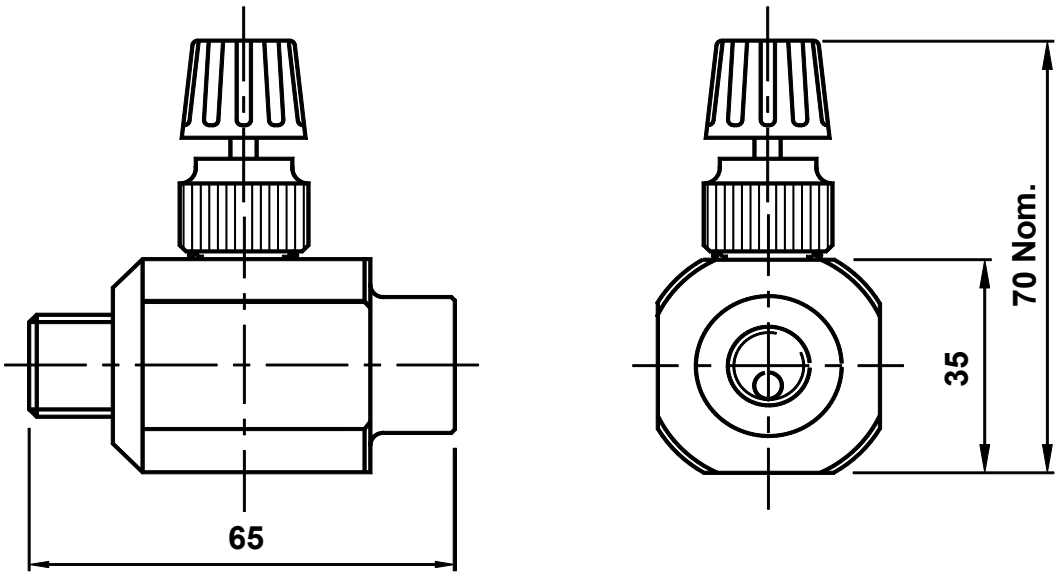
MPB SERIES CV100 FEATURES

- OFFERS AN INDEPENDENT FLOW CONTROL VALVE FOR MPB FLOWMETERS
- MANUFACTURED IN STAINLESS STEEL, OR PVC
- GOOD FLOW CHARACTERISTICS
- IDEAL FOR ANY APPLICATION REQUIRING AN INDEPENDENT FLOW CONTROL VALVE
- CONTROLS LIQUID FLOW RATES UP TO 15 L/MIN
- CONTROLS AIR FLOW RATES UP TO 450 L/MIN @ 10 BAR G
- EXCELLENT CORROSION RESISTANCE
- ECONOMICALLY PRICED

MPB SERIES CV100 FLOW CONTROL VALVE

Process Connections: **Inlet ¼" BSPPF** **Outlet 3/8" BSPPM** **Materials of Construction:** **Body: PVC, or Stainless steel** **Spindle: Stainless steel** **Seals: Viton**	**Weight:** **PVC: 80g** **Stainless steel: 450g** **Maximum Temperature:** **PVC: 60°C** **Stainless Steel: 100°C** **Maximum Pressure:** **PVC: 7 bar g** **Stainless Steel: 30 bar g**

INLET PRESSURE BAR G	FLOW L/MIN H_2O VALVE OPEN 1 TURN	FLOW L/MIN H_2O VALVE OPEN 3 TURNS	FLOW L/MIN H_2O VALVE FULLY OPEN
1	3.5	8.5	10.0
2	5.0	9.0	11.5
4	7.0	11.0	13.0
6	8.5	12.5	13.5
8	9.5	13.5	14.0
10	10.0	14.5	15.0



MPB Industries Ltd - Designers and Manufacturers of Scientific and Process Control Instrumentation

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