

BD Micro Pump Accessories Series

Spring-Loaded Ball Check Valve

The spring-loaded ball check valve allows air or compatible fluids to flow in one direction once the inlet pressure exceeds the specified cracking pressure. It prevents reverse flow and protects pumps, tubing and other system components.



Technical Specifications

Model	BD-V0306
Inner Diameter × Outer Diameter	Ø3.8 mm × Ø6.2 mm
Working Medium	Air
Opening Pressure	2 ± 1 kPa
Maximum Working Pressure	≤0.3 MPa
Operating Temperature Range	0–100 °C
Housing Material	Polypropylene (PP)
Rubber Materials	Silicone Rubber
Dimensions	51.2 × Ø12.5 mm
Weight	Approx. 2.8 g
Recommended BODENFLO Pump Series	BD-04, BD-07 and BD-05T Series
Installation Note	Install the valve according to the indicated flow direction. Reverse installation will block or significantly restrict the flow.

Dimensional Drawing (Unit: mm)

