

Bellows Pump

Accessories

MINI BELLOWS PUMPS

Check and Foot Valves

Check and foot valves are used to maintain a pump's prime or to prevent backflow through a pump in applications with long suction lengths. Check valves can be positioned in-line on the suction or discharge side of the pump; foot valves on the suction side only. To order, refer to the chart on this page.



Single Check Valve

Opening Pressure:

1 psi (spring loaded)

Materials in Contact with Solution:

Body, valve seat, connectors, screen (149 Micron) — Polypropylene

O-rings — EPT/EPDM, Hypalon®, Viton®/Fluoroelastomer

Spring — Hastelloy® C

Options: ½" or ¾" I.D. tubing connectors



Dual Check Valve

Opening Pressure:

.2 psi (two poppets located in series)

Materials in Contact with Solution:

Body, connectors — Polypropylene

Poppet valves and O-rings — EPT/EPDM, Hypalon®



Foot Valve

Opening Pressure:

1 psi (spring loaded)

Materials in Contact with Solution:

Body, valve seat, connectors, screen (149 Micron) — Polypropylene

O-rings — EPT/EPDM, Hypalon®, Viton®/Fluoroelastomer

Spring — Hastelloy® C

Options: ½" or ¾" I.D. tubing connectors

Elastomer	Single Check Valves		Dual Check Valves	Foot Valves	
	¾" I.D. Tubing	½" I.D. Tubing	¾" I.D. Tubing	¾" I.D. Tubing	½" I.D. Tubing
EPT/EPDM	15099-002	15099-018	12171-004	15101-002	15101-018
Hypalon®	15099-005	15099-021	12171-000	15101-005	15101-021
Viton®/Fluoro-elastomer	15099-006	15099-022	—	15101-006	15101-022

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Anti-Siphon Spring Kits

Anti-siphon springs are available to springload poppet valves. Use of these springs produces more positive shutoff of poppet valves and permits use of the pump where there is a positive pressure on the suction side. Available for the 1", 1½", and 2" models. To order, select the proper spring material and O-ring by referring to the Chemical Resistance Section. The appropriate kit can then be chosen based on the blow-off pressure (PSI) required.



(Valve extension required only on suction port.)

Spring	O-Ring (Elastomer) Material					
	EPT/EPDM		Hypalon®		Viton®/Fluoroelastomer	
	.5 PSI	5 PSI	.5 PSI	5 PSI	.5 PSI	5 PSI
Monel	02501-112	02501-113	02501-118	02501-119	02501-124	02501-525
316 S.S.	02501-114	02501-115	02501-120	02501-121	02501-126	02501-127
Hastelloy® C	02501-116	02501-117	02501-122	02501-123	02501-128	02501-129

Kits include valve extension for suction port. Kits do not include poppet valve.