

Swing Check Valves

Bayco High Flow Series

Application:	Often used on both the blower and trailer, designed to prevent product backflow if a product line should become plugged.
Standards:	Bayco High Flow series swing check valves have 2", 3" or 4" connection choices: female NPT, round TTMA flange or square TTMA flange.
Materials:	Aluminum body and inspection lid, stainless steel hardware, metal-to-metal, EPDM (250°F / 121°C) or silicone seals (400°F / 204°C) are available (seal availability is dependent upon the model, see chart below for more information)
Features & Benefits:	<ul style="list-style-type: none"> • Choice of seals, metal-to metal, Buna or silicone • Choice of connections female NPT, round TTMA flange or square TTMA flange • Flapper return springs are standard • Huck bolted flapper assembly prevents loose parts from contaminating the product. • Inspection lids can be removed to facilitate routine flapper assembly inspections (system must not be in service during inspections or repair). • Complete repairs can easily be carried out on all high flow swing check valves without removing from the tank. • When in use the flapper can swing completely out of the air path, resulting in increased air flow and subsequently increased product flow.



3030SQ-SSP



3031TE



3031VIC



4040RD

Part #	Connection Type	Seal Type	Flapper Return Springs ?	Overall Length
Female NPT				
3020TE	2" female NPT both ends	white EPDM seal	Yes	5-1/8"
3030TE-SSP	3" female NPT both ends	white silicone seal	Yes	7-1/8"
3031TE	3" female NPT both ends	metal-to-metal seal	Yes	7-1/8"
4040TE	4" female NPT both ends	white EPDM seal	Yes	9"
4041TE	4" female NPT both ends	metal-to-metal seal	Yes	9"
4042TE	4" female NPT both ends	white silicone seal	Yes	9"
Square TTMA Flange				
3020SQ	2" square TTMA flange	white EPDM seal	Yes	5-1/8"
3030SQ-SSP	3" square TTMA flange	white silicone seal	Yes	6-7/8"
3031SQ	3" square TTMA flange	metal-to-metal seal	Yes	6-7/8"
Round TTMA Flange				
3030RD-SSP	3" round TTMA flange	white silicone seal	Yes	6-7/8"
3031RD	3" round TTMA flange	metal-to-metal seal	Yes	6-7/8"
4040RD	4" round TTMA flange	white EPDM seal	Yes	9"
4041RD	4" round TTMA flange	metal-to-metal seal	Yes	9"
4042RD	4" round TTMA flange	white silicone seal	Yes	9"
Grooved Pipe				
3030VIC-SSP	3" grooved end both ends	white silicone seal	Yes	8"
3031VIC	3" grooved end both ends	metal-to-metal seal	Yes	8"

- See pages 33, 34 for repair kits and replacement parts
- See page 9 for TTMA flange gaskets

Product instruction sheets and technical data, can be viewed on our website at dixonvalve.com

Swing Check Valves

Bayco Classic 3000 Series

Application:	The classic 3000 series of swing check valves are often used on both the blower and trailer.
Standards:	All Bayco 3000 series swing check valves have 3" connection choices: female NPT, round TTMA flange or square TTMA flange.
Materials:	Aluminum body, Bayloy inspection caps and flapper valve assembly. Buna (250°F / 121°C) or silicone seals (400°F / 204°C) are optional.
Features & Benefits:	<ul style="list-style-type: none"> • Choice of seals, metal-to-metal, Buna or silicone • Choice of connections female NPT, round TTMA flange or square TTMA flange • Available with or without flapper return springs • Huck bolted flapper assembly prevents loose parts from contaminating the product. • Inspection lids can be removed to facilitate routine flapper assembly inspections (system must not be in service during inspections or repair). • Limited repairs can be carried out on both threaded and square flanged units without removing from the tank. Round flange units must be removed from the tank to facilitate repairs. For swing check valves that can be completely repaired on the tank see the Bayco High Flow 3030 Series on page 10.



3000TE



3001SQ



3000N

Part #	Connection Type	Seal Type	Flapper Return Springs ?	Overall Length
3000TE	3" female NPT both ends	metal-to-metal seal	No	7-1/8"
3000TE-SP	3" female NPT both ends	metal-to-metal seal	Yes	7-1/8"
3000TE-B	3" female NPT both ends	black Buna seal	No	7-1/8"
3000TE-BSP	3" female NPT both ends	black Buna seal	Yes	7-1/8"
3000TE-S	3" female NPT both ends	red silicone seal	No	7-1/8"
3000TE-SSP	3" female NPT both ends	red silicone seal	Yes	7-1/8"
3001SQ-N	3" square TTMA flange	metal-to-metal seal	No	6-7/8"
3001SQ-SP	3" square TTMA flange	metal-to-metal seal	Yes	6-7/8"
3001SQ-B	3" square TTMA flange	black Buna seal	No	6-7/8"
3001SQ-BSP	3" square TTMA flange	black Buna seal	Yes	6-7/8"
3001SQ-S	3" square TTMA flange	red silicone seal	No	6-7/8"
3001SQ-SSP	3" square TTMA flange	red silicone seal	Yes	6-7/8"
3000-N	3" round TTMA flange	metal-to-metal seal	No	5-5/8"
3000-SP	3" round TTMA flange	metal-to-metal seal	Yes	5-5/8"
3000-B	3" round TTMA flange	black Buna seal	No	5-5/8"
3000-BSP	3" round TTMA flange	black Buna seal	Yes	5-5/8"
3000-S	3" round TTMA flange	red silicone seal	No	5-5/8"
3000-SSP	3" round TTMA flange	red silicone seal	Yes	5-5/8"

- See pages 31, 32 for repair kits and replacement parts
- See page 9 for TTMA flange gaskets

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