Stainless Steel Check Valve Assembly for Mixing Valve Inlets

NA10366 and NA10367 series

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Application

The NA10366 and NA10367 series stainless steel check valve assemblies provide cross-flow protection for Caleffi mixing valve inlet connections. Compatible mixing valve models include 6003 LEGIOMIXevo, 6000 LEGIOMIX, and 5231 MixCal+ Series. The assemblies maintain low hazard protection for plumbing and hydronic systems by preventing backflow and back siphonage through mixing valve inlet ports. Suitable for residential and commercial installations, the product features Posi-Stop union connections for direct mounting to mixing valve inlets. The integrated Posi-Stop EPDM O-ring design provides a reusable, leak-tight seal with consistent performance.

The NA10366 and NA10367 series are compliant with low-lead/lead-free regulations and meet NSF/ANSI/CAN 372 requirements for lead-free material content. The valves also adhere to IPC, IRC, UPC, and NPC standards for use in both U.S. and Canadian plumbing systems and are listed and certified by ICC-ES.

Typical Specification

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Furnish and install on the plans and described herein, a Caleffi NA10366 or NA10367 inlet stainless steel check valve assemblies for mixing valves. NA10366 and NA10367 stainless steel check valve assemblies shall provide cross-flow protection for mixing valve inlet connections, preventing backflow and backsiphonage through mixing valve inlet ports. Assemblies shall feature stainless steel body with integrated Posi-Stop peroxide-cured EPDM O-ring seals. Check valve components shall be EPDM, stainless steel, and PPO/GF for NA10366 series or EPDM, stainless steel, and PPE+PS/GF for NA10367 series. Assemblies shall operate at maximum working pressure of 150 psi and temperature range of 32°F to 260°F (0°C to 127°C). Opening pressure differential shall be 0.25 psi for NA10366 series and 0.3 psi for NA10367 series. Flow capacity shall be Cv 34 for NA10366 series and Cv 94 for NA10367 series. NA10366 series shall have 1-1/2" MxF G-Thread (ISO 228-G) connections. NA10367 series shall have 2-1/2" MxF G-Thread (ISO 228-G) connections. Assemblies shall be used in conjunction with compatible Caleffi 6003 LEGIOMIXevo, 6000 LEGIOMIX, and 5231 MixCal+ Series mixing valves. Assemblies shall meet NSF/ANSI/CAN 372 requirements for lead-free material content and comply with IPC, IRC, UPC, and NPC standards. Each stainless steel inlet check valve assembly shall be a Caleffi model NA10366 or NA10367 series or approved equal. (See product instructions for specific installation information.)

Certification

1. NSF/ANSI/CAN 372, US and Canadian Low-Lead and Lead-Free materials contents laws for drinking water system components, certified by ICC-ES.
2. Compliant with IPC, UPC, IRC, NPC, certified by ICC-ES.

Technical specifications

Materials

Body:	stainless steel
Check valves:	
NA10366:	EPDM, stainless steel, PPO/GF
NA10367:	EPDM, stainless steel, PPE+PS/GF
Union Posi-Stop™ seals:	peroxide-cured EPDM

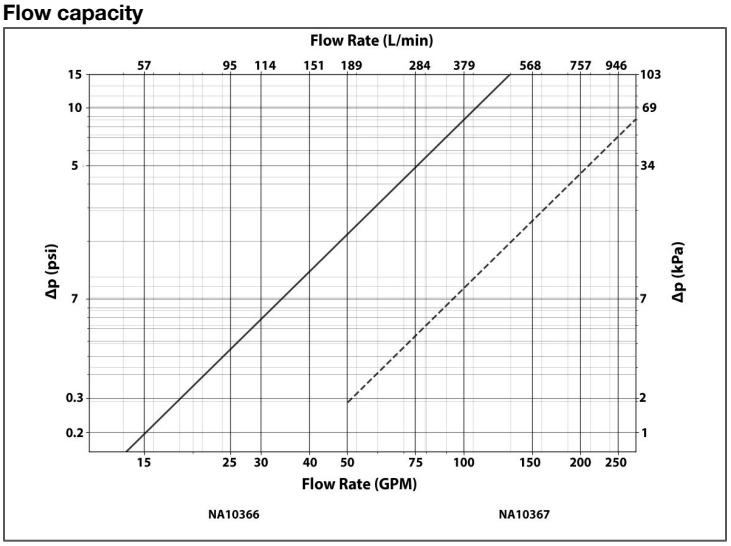
Performance

Suitable fluids:	water and non-hazardous glycol solution up to 50%
Max. working pressure:	150 psi (10 bar)
Working temperature range:	32 - 260 °F (0 - 127 °C)
Opening pressure:	
NA10366:	0.25 psi
NA10367:	0.3 psi
Flow capacity:	
NA10366:	Cv = 34
NA10367:	Cv = 94

Connections:

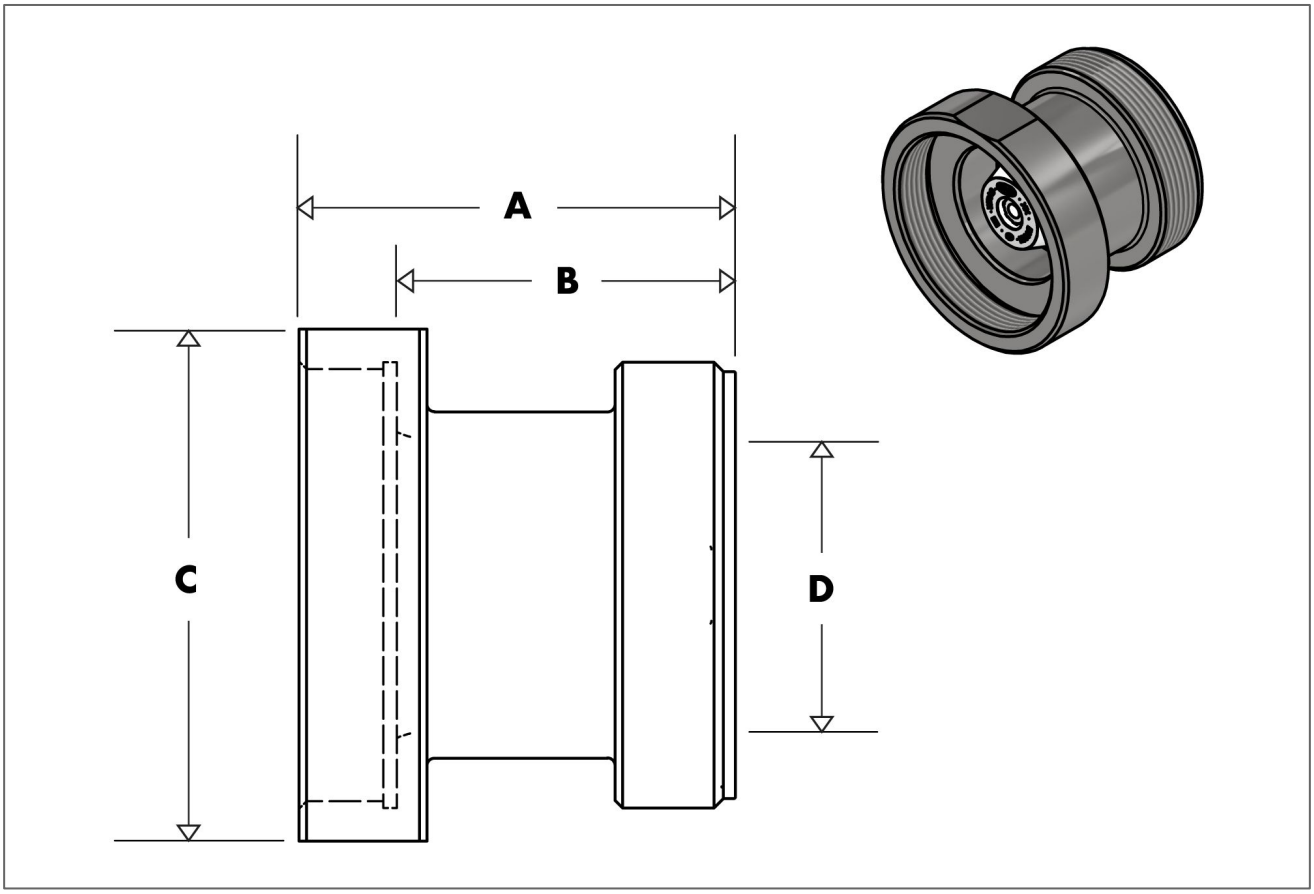
Main connections:	
NA10366:	1 ½" MxF G-Thread (ISO 228-G)
NA10367:	2 ½" MxF G-Thread (ISO 228-G)
Compatible with:	
NA10366:	1" and 1-1/4" 6003 LEGIOMIXevo, 6000 LEGIOMIX, 5231 MixCal+
NA10367:	1 ½" and 2" 6003 LEGIOMIXevo, 6000 LEGIOMIX, 5231 MixCal+

Flow capacity



Flow rate (GPM) at given pressure drop (psi)								
Code	**Cv**	**2.5**	**5**	**7.5**	**10**	**15**	**20**	**25**
NA10366	34	54	76	93	108	132	152	170
NA10367	94	149	210	257	297	364	420	470

Dimensions



Code	Connection	A	B	C	D	Weight (lb)
NA10366	1-1/2" MxF G-THREAD (ISO 228-G)	2 1/16"	1 7/16"	2 1/4"	1 5/16"	0.8
NA10367	2-1/2" MxF G-THREAD (ISO 228-G)	2 7/8"	2 1/4"	3 1/2"	1 5/16"	2.3

Job name _____ Size _____
Job location _____ Quantity _____
Engineer _____ Approval _____
Mechanical contractor _____ Service _____
Contractor's P.O. No. _____ Tag No. _____
Representative _____ Notes _____

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