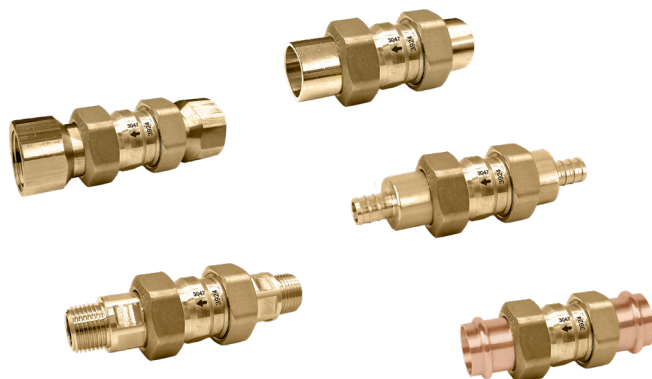


Low-lead serviceable inline check valves

3047 series



01426/25 NA



NSF/ANSI/CAN 61
NSF/ANSI/CAN 372



Function

The 3047 Series inline spring check valves ensure one-way flow in plumbing or hydronic systems, preventing backflow or backsiphonage. Designed for both residential and commercial use, these low-lead valves offer easy installation and maintenance through union connections and multiple end connection options.

The 3047 Series is constructed from low-lead, dezincification-resistant brass, compliant with low-lead/lead-free regulations. It meets NSF/ANSI/CAN 61 for use in drinking water systems and NSF/ANSI/CAN 372 for material content requirements. The valve also adheres to IPC, IRC, UPC, and NPC standards for use in both U.S. and Canadian plumbing systems, and is listed and certified by ICC-ES.

Product range

3047 series	with NPT male threaded, sweat and press dual union connections.....	sizes ½" through 2"
	with NPT female threaded dual union connections.....	sizes ½" through 1¼" and 2"
	with PEX crimp and PEX expansion dual union connections.....	sizes ½" and ¾"

Technical specifications

Materials	- body:	DZR brass low-lead* brass
	- check valve:	EPDM, PPO/GF, PPE+PS/GF
	- fitting tailpieces:	DZR brass low-lead* or copper
	- union Posi-Stop™ seals:	peroxide-cured EPDM

* Meets the "lead free" requirement of Section 1417 of the Safe Drinking Water Act (SDWA). This product has a weighted average lead content of less than 0.25% for its wetted surfaces contacted with consumable water.

Performance

Suitable fluids:	water and non-hazardous glycol solution up to 50%
Max. Working pressure:	150 psi (10 bar)
Operating temperature range:	32 to 250 °F (0 to 120 °C)
Opening pressure differential:	0.25 psi (size ½" through 1¼") 0.50 psi (size 1½" & 2")
Flow capacity:	Cv 17 (size ½" & ¾")
	Cv 33 (size 1" & 1¼")
	Cv 75 (size 1½" & 2")

Certifications

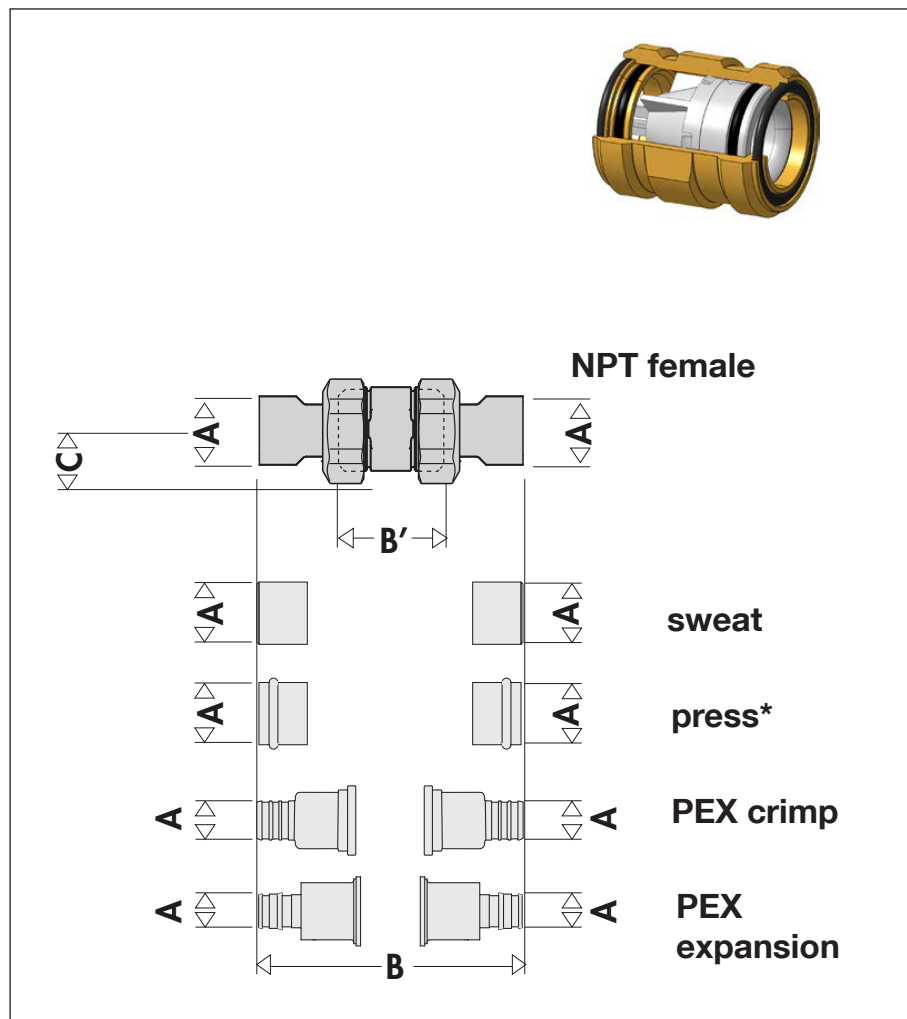
1. NSF/ANSI/CAN 61, Drinking Water System Components for use in potable water systems. Certified by ICC-ES, PMG File 1512.
2. NSF/ANSI/CAN 372, US and Canadian Low-Lead and Lead-Free materials contents laws for drinking water system components. Certified by ICC-ES, PMG File 1360.
3. PEX crimp fittings certified to ASTM F1807.
4. PEX expansion fittings certified to ASTM F1960.
5. Compliant with IPC, IRC, UPC, NPC.

Connections

Main connections:	½", ¾", 1", 1¼", 1½" & 2"
	NPT female and male dual union
	sweat dual union
	press dual union
	PEX expansion dual union (½", ¾" only) PEX crimp dual union (½", ¾" only)

Lay length, for press connection pipe cutout:	size ½" - 2 7/16"
	size ¾" - 2 5/16"
	size 1" - 4 1/32"
	size 1¼" - 5 29/32"
	size 1½" - 5 5/8"
	size 2" - 7 29/32"

Dimensions

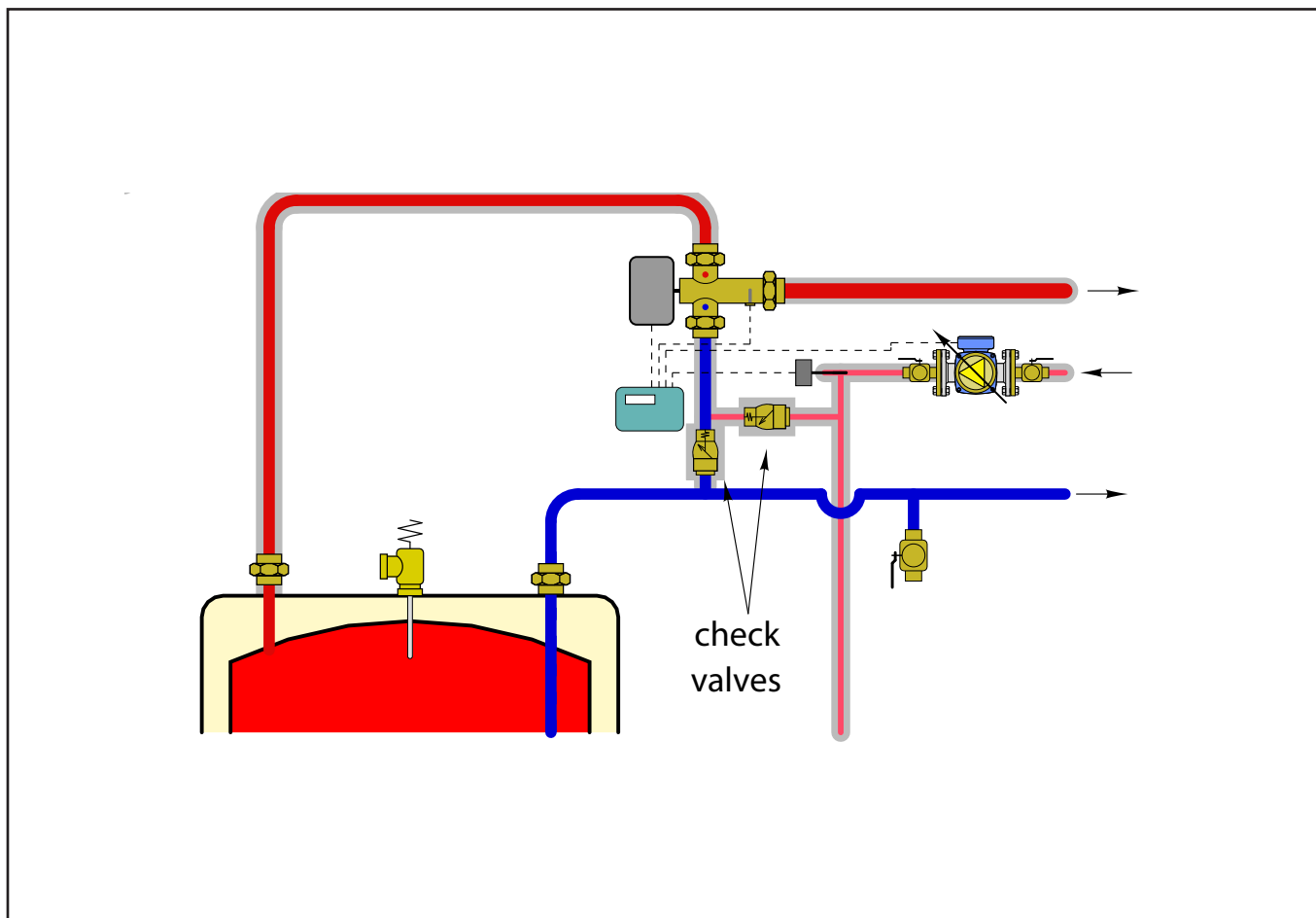


*Lay length:

- 1/2" press- 2 7/16 inch.
- 3/4" press- 2 5/16 inch.
- 1" press- 4 1/32 inch.
- 1 1/4" press- 5 29/32 inch.
- 1 1/2" press- 5 5/8 inch.
- 2" press- 7 29/32 inch.

Code	A	B	B'	C	Wt (lb)
NA30474A	1" metric, no fittings (1)	--	1 9/16"	5/8"	0.25
304740A	1/2" NPT Male	3 5/8"		1 3/16"	0.80
304749A	1/2" SWT	3 1/8"			0.65
304743A	1/2" NPT Female	4"			0.75
304746A	1/2" press	3 15/16"			0.65
304747A	1/2" PEX crimp	4 15/16"			0.65
304748A	1/2" PEX expansion	5 3/16"			0.70
304750A	3/4" NPT Male	3 5/16"			0.75
304759A	3/4" SWT	3 5/8"			0.65
304753A	3/4" NPT Female	4 3/16"			0.80
304756A	3/4" press	4 5/16"			0.65
304757A	3/4" PEX crimp	4 15/16"			0.70
304758A	3/4" PEX expansion	5 5/8"			0.75
NA30476A	1 1/2" metric, no fittings (1)	--	1 3/4"	3/4"	0.65
304760A	1" NPT Male	4 5/32"		1 1/8"	2.0
304769A	1" SWT	3 29/32"			1.6
304763A	1" NPT Female	3 29/32"			1.7
304766A	1" press	5 29/32"			2.1
304770A	1 1/4" NPT Male	5 13/32"			2.0
304779A	1 1/4" SWT	3 13/32"			1.6
304773A	1 1/4" NPT Female	5 13/32"			1.9
304776A	1 1/4" press	7 29/32"			2.4
NA30478A	2 1/2" metric, no fittings (1)	--	2 9/32"	1 1/4"	2.0
304780A	1 1/2" NPT Male	6 29/32"		1 3/4"	5.4
304789A	1 1/2" SWT	6 21/32"			4.8
304786A	1 1/2" press	7 29/32"			5.6
304790A	2" NPT Male	6 29/32"			5.5
304799A	2" SWT	5 13/32"			5.0
304793A	2" NPT Female	5 21/32"			5.7
304796A	2" press	10 29/32"			7.6

(1) Check valve body threads match the nut size when field installing tailpieces.
See fittings table in Caleffi Catalog.



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SPECIFICATION SUMMARY

3047 series

Serviceable inline spring check valves, certified by ICC-ES to NSF/ANSI/CAN 372 and NSF/ANSI/CAN 61. Meets codes IPC, IRC, UPC and NPC for use in accordance with the US and Canadian plumbing codes. Sizes 1/2" to 1 1/4", and 2" with NPT female union, 1/2" to 2" NPT male union, sweat union or press union connections, sizes 1/2" & 3/4" PEX crimp union or PEX expansion union connections. PEX crimp fittings must comply with ASTM F 1807. PEX expansion fittings must comply with ASTM F 1960. DZR brass low-lead* brass body with DZR brass low-lead* or copper tailpieces, certified by and listed by ICC-ES. Check valve in EPDM, PPO/GF, PPE+PS/GF, color black. Operating temperature range: 32 degrees F to 250 degrees F (0 degrees C to 120 degrees C). Maximum working pressure 150 psi (10 bar). Operating pressure differential 0.25 psi (sizes 1/2" to 1 1/4"), 0.5 psi (sizes 1 1/2" to 2"). Flow capacity: Cv 17 (1/2" & 3/4"), Cv 33 (1" & 1 1/4"), Cv 75 (1 1/2" & 2").

* Meets the "lead free" requirement of Section 1417 of the Safe Drinking Water Act (SDWA). This product has a weighted average lead content of less than 0.25% for its wetted surfaces contacted with consumable water.

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