

Main features and certifications

Air-reservoirs and accessories for compressed air, built according to 2014/68/UE and 2014/29/UE directives in the field of pressure equipment. Supplied as standard in compliance to Reach and RoHS directives. On request, can be supplied according to 2014/34/EU ATEX directive.



Series SBCV

from page 4.70.10



Series of air-reservoirs for compressed air, available in sizes from 0,5 l. to 100 l.





Code key

Size ⁽¹⁾	Series	Connections ⁽¹⁾	/	ATEX version ⁽²⁾
24	SBCV	4	/	

05 = 0,5 lt.
1 = 1 lt.
2 = 2,5 lt.
5 = 5 lt.
7 = 7 lt.
10 = 10 lt.
12 = 12 lt.
15 = 15 lt.
24 = 24 lt.
50 = 50 lt.
100 = 100 lt.

SBCV

2 = 2 connections
4 = 4 connections

ATEX			II 2G Ex h IIC TX Gb II 2D Ex h IIC TX°C Db
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Notes

For standard materials see the table below.

(1) For matching between size and connections see the table at page 4.70.12; for the specific type see from page 4.70.13.

(2) ATEX versions require 4 connections air-reservoirs only. One connection is necessarily used for grounding. For further information on 2014/34/EU ATEX Directive, on classifications and protections, see from page III.1

Warning: for safety use of air-reservoirs strictly follow the user manual provided with each product.

How to order

Size	Series	Connections
24	SBCV	4

How to order ATEX version

Size	Series	Connections	ATEX version
24	SBCV	4	/ ATEX

Main features

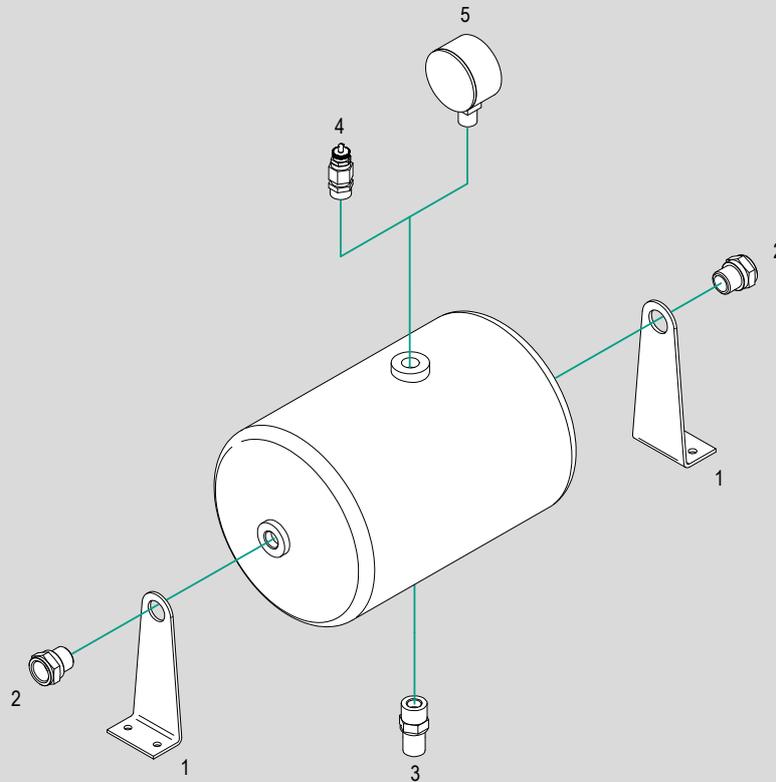
Series	SBCV
Fluid	Compressed air
Pressure range	11 bar
Pressure range (hydrostatic test)	16,5 bar
Temperature range	-10°C ÷ +60°C
Parallel threads	UNI - ISO 228/1 (BSP)
Capacity	0,5 lt. ÷ 100 lt.
Connections number	2, 4
Tolerance on dimensions*	±5 mm

Standard materials

Series	SBCV
Bottom	Steel Fe PO4
Shell	Steel Fe PO4
Socket joint	Fe 45.1
External treatment	Epoxide powder painting
Color	RAL 5015-110
Bottom/Shell welding	Wire
Bottom/Socket joint welding	Submerged arc
Shell/Socket joint welding	Submerged arc

*For dimensions see from page 4.70.13

Accessories



N.	Item	Description	Compliance	Matching		Data sheet and code page
				05SBCV ÷ 15SBCV	24SBCV ÷ 100SBCV	
1	STSB	Mounting bracket	-	●	-	4.70.100
2	PRSB	Bracket-tank connection fitting	-	●	●	
3	VCSB	Semi-automatic condense drain valve	-	●	●	
4	VS	Safety valve	-	●	●	2.256.1
	VSCC..	Fixed calibration safety valve	97/23/CE			
5	M..	Pressure-gauge	-	●	●	3.30.1

Key
● matching accessory; - not matching accessory

Air-reservoirs series SBCV

Item	Image	Compliance	Symbol	Capacity	Parallel threads (BSP)	Connections		Data sheet and code page
						2	4	
05SBCV		Directive 2014/68/UE		0,5 lt.	1/2"	●	-	4.70.13
1SBCV		Directive 2014/68/UE		1 lt.	1/2"	●	●	4.70.14
2SBCV		Directive 2014/68/UE		2,5 lt.	1/2"	●	●	4.70.15
5SBCV		Directive 2014/68/UE		5 lt.	1/2"	●	●	4.70.16
7SBCV		Directive 2014/68/UE		7 lt.	1/2"	●	●	4.70.17
10SBCV		Directive 2014/68/UE		10 lt.	3/8", 1/2"	-	●	4.70.18
12SBCV		Directive 2014/68/UE		12 lt.	1/2"	●	●	4.70.19
15SBCV		Directive 2014/68/UE		15 lt.	3/8", 1/2"	-	●	4.70.20
24SBCV		Directive 2014/29/UE		24 lt.	3/8", 1"	-	●	4.70.21
50SBCV		Directive 2014/29/UE		50 lt.	1/2", 1"	-	●	4.70.22
100SBCV		Directive 2014/29/UE		100 lt.	1/2", 2"	-	●	4.70.23

Key
● allowed matching; - not allowed matching

Air-reservoirs

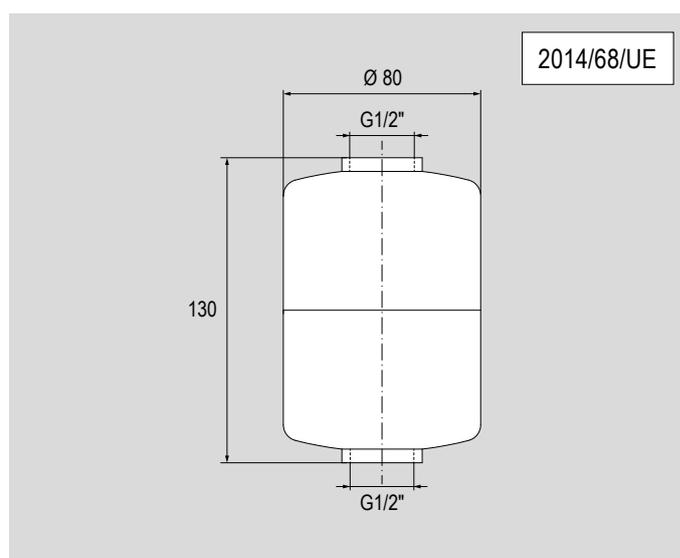
Series SBCV - 0,5 lt.



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 0,5 lt., with 2 connections.		050000	05SBCV2
			0,5 lt.

Dimensions

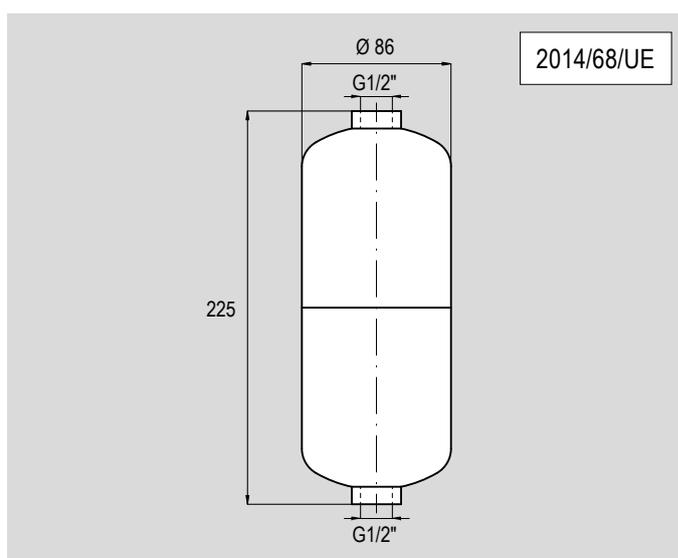


4 - ACCESSORIES

Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 1 lt., with 2 connections.		050001	1SBCV2
			1 lt.

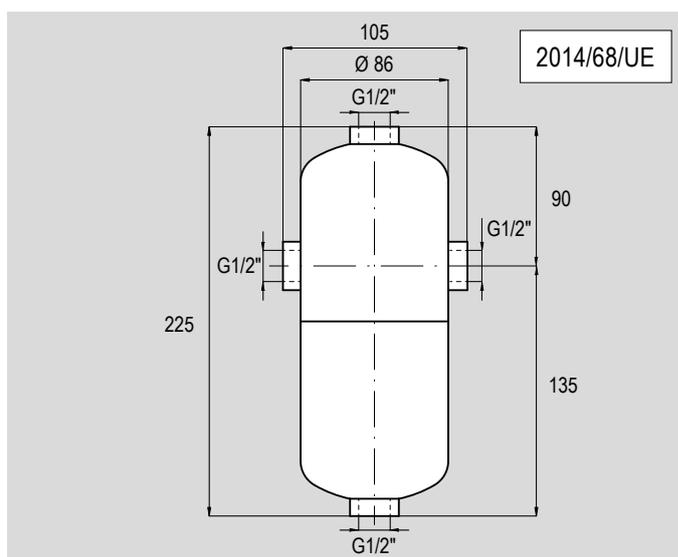
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 1 lt., with 4 connections.		050501	1SBCV4
			1 lt.

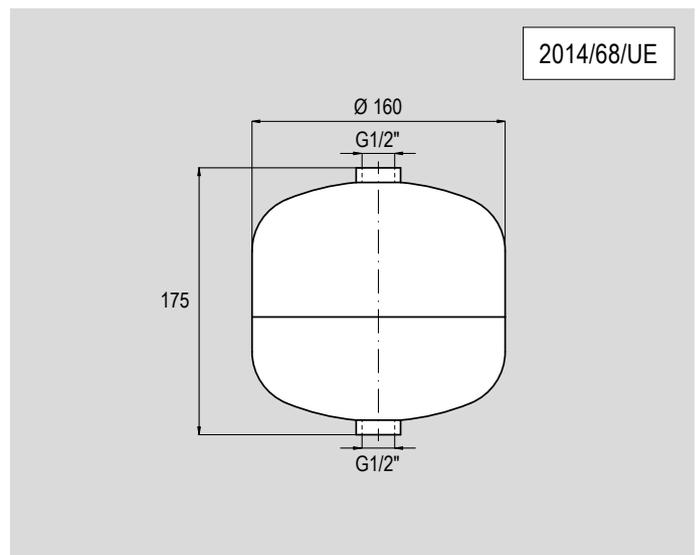
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 2,5 lt., with 2 connections.		050002	2SBCV2
			2,5 lt.

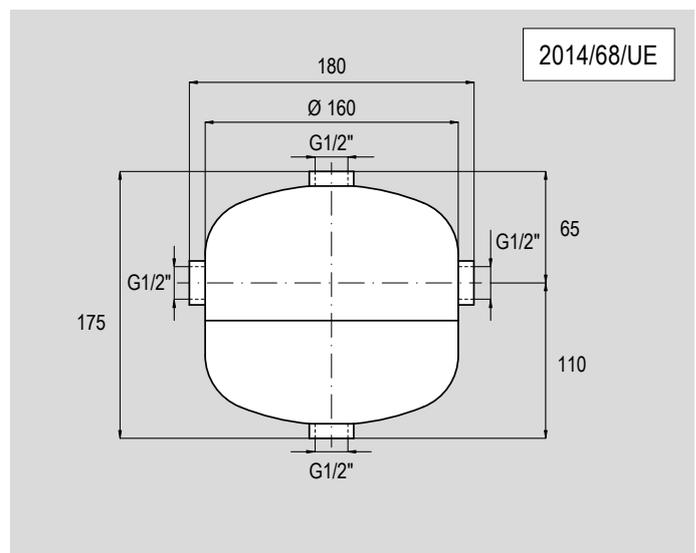
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 2,5 lt., with 4 connections.		050502	2SBCV4
			2,5 lt.

Dimensions

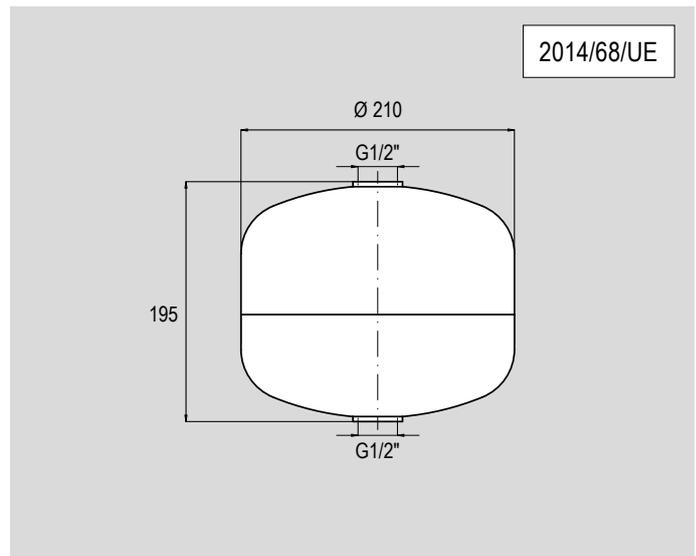


4 - ACCESSORIES

Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 5 lt., with 2 connections.		050005	5SBCV2
			5 lt.

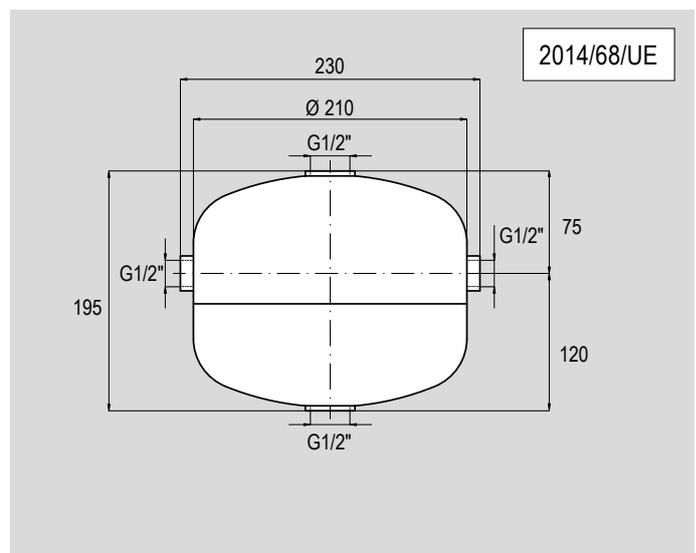
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 5 lt., with 4 connections.		050505	5SBCV4
			5 lt.

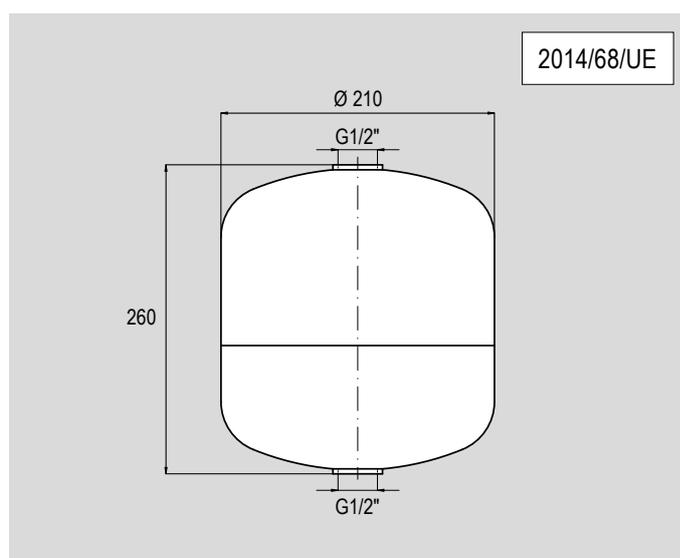
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 7 lt., with 2 connections.		050007	7SBCV2
			7 lt.

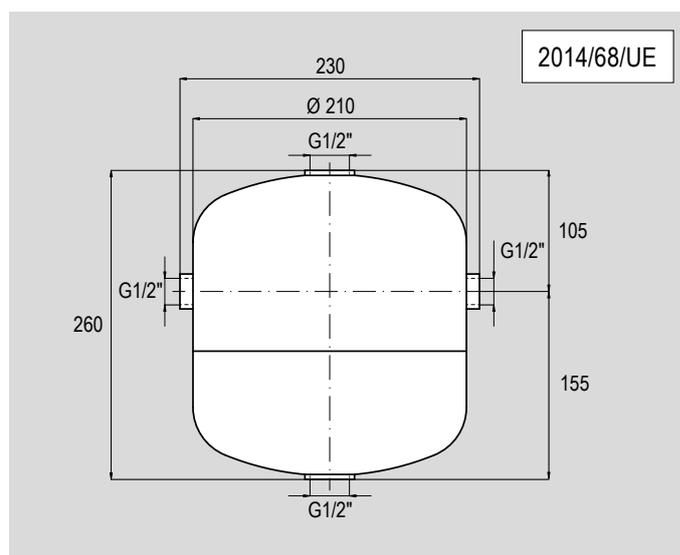
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 7 lt., with 4 connections.		050507	7SBCV4
			7 lt.

Dimensions

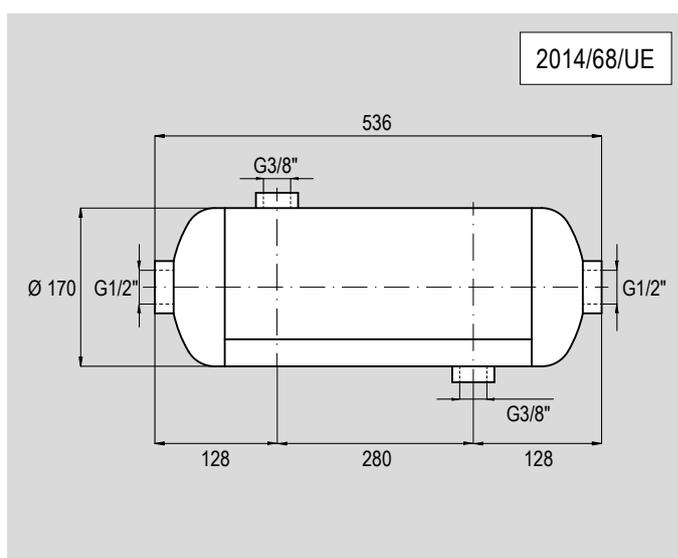


Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 10 lt., with 4 connections.		050604	10SBCV4

10 lt.

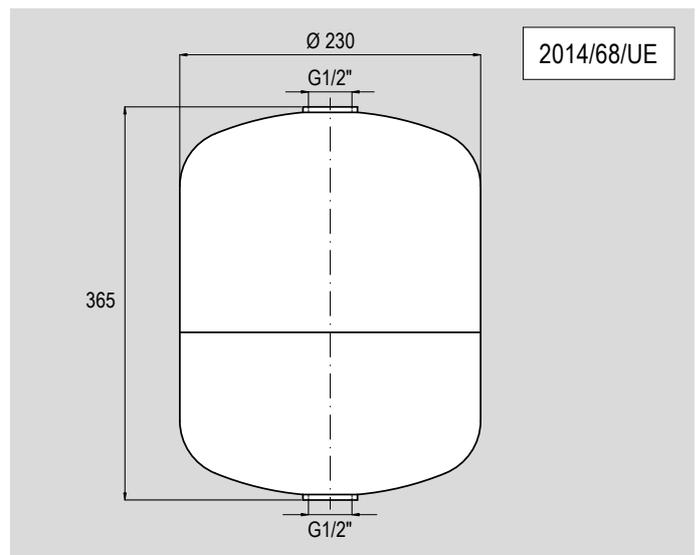
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 12 lt., with 2 connections.		050012	12SBCV2
			12 lt.

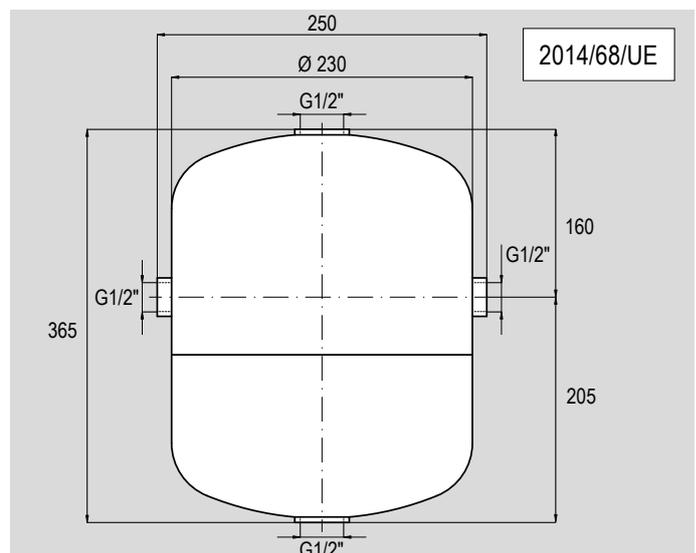
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 12 lt., with 4 connections.		050512	12SBCV4
			12 lt.

Dimensions



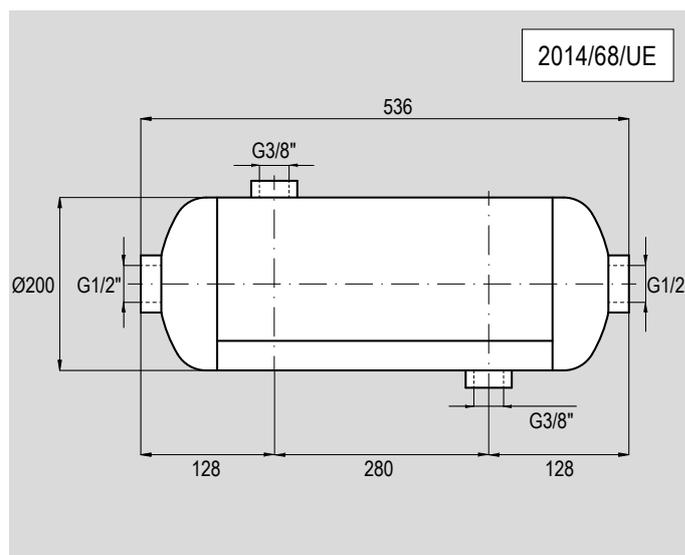
4 - ACCESSORIES

Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/68/EU directive. Capacity 12 lt., with 4 connections.		050605	15SBCV4

15 lt.

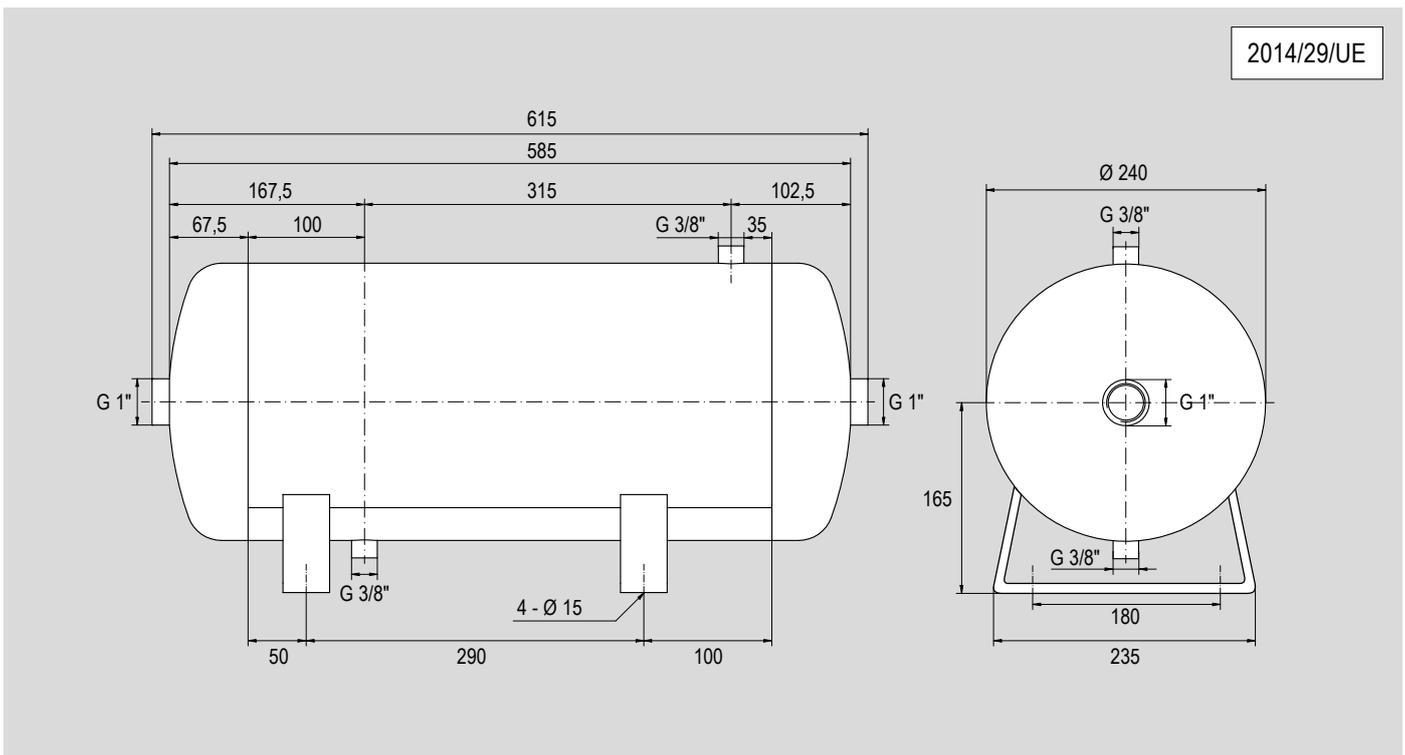
Dimensions



Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/29/EU directive. Capacity 24 lt., with 4 connections.		050102	24SBCV4
			24 lt.

Dimensions

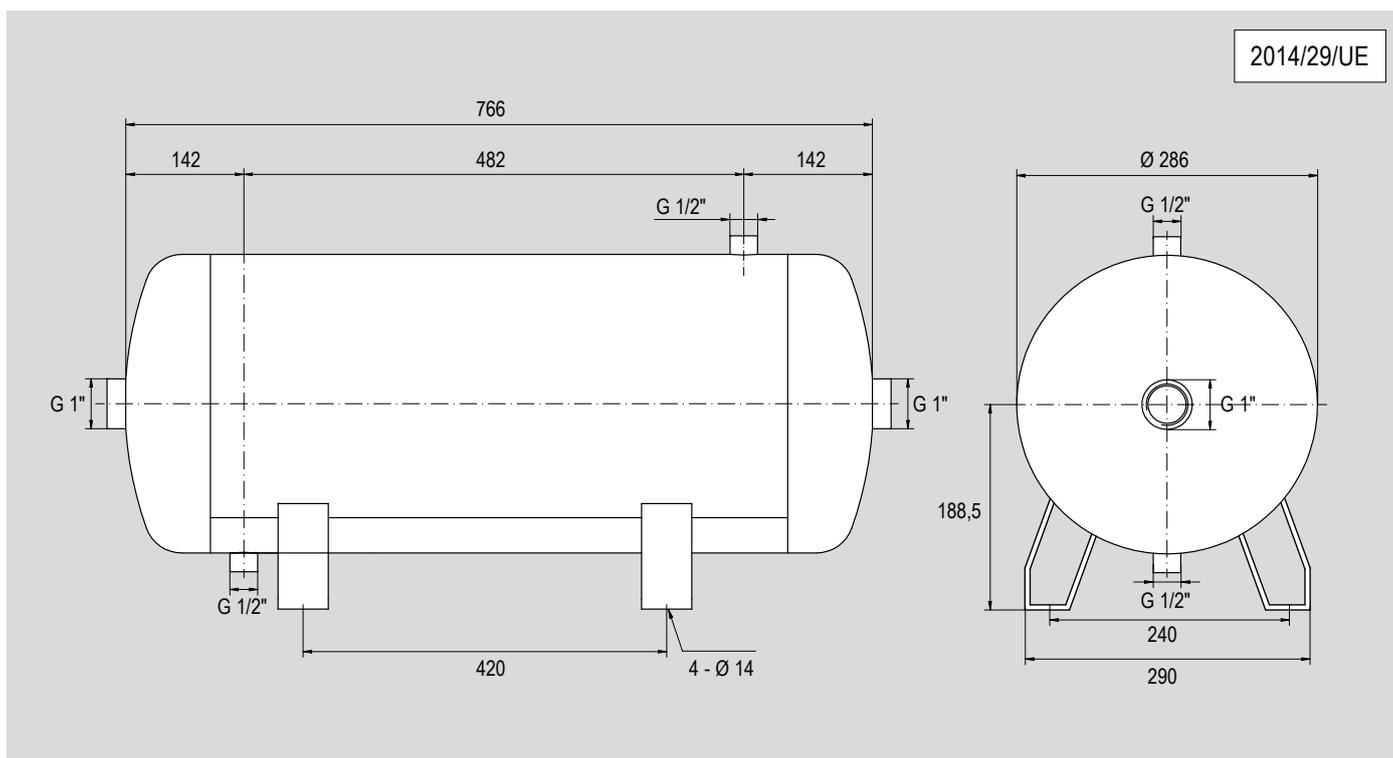


4 - ACCESSORIES

Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/29/EU directive. Capacity 50 lt., with 4 connections.		050101	50SBCV4
			50 lt.

Dimensions



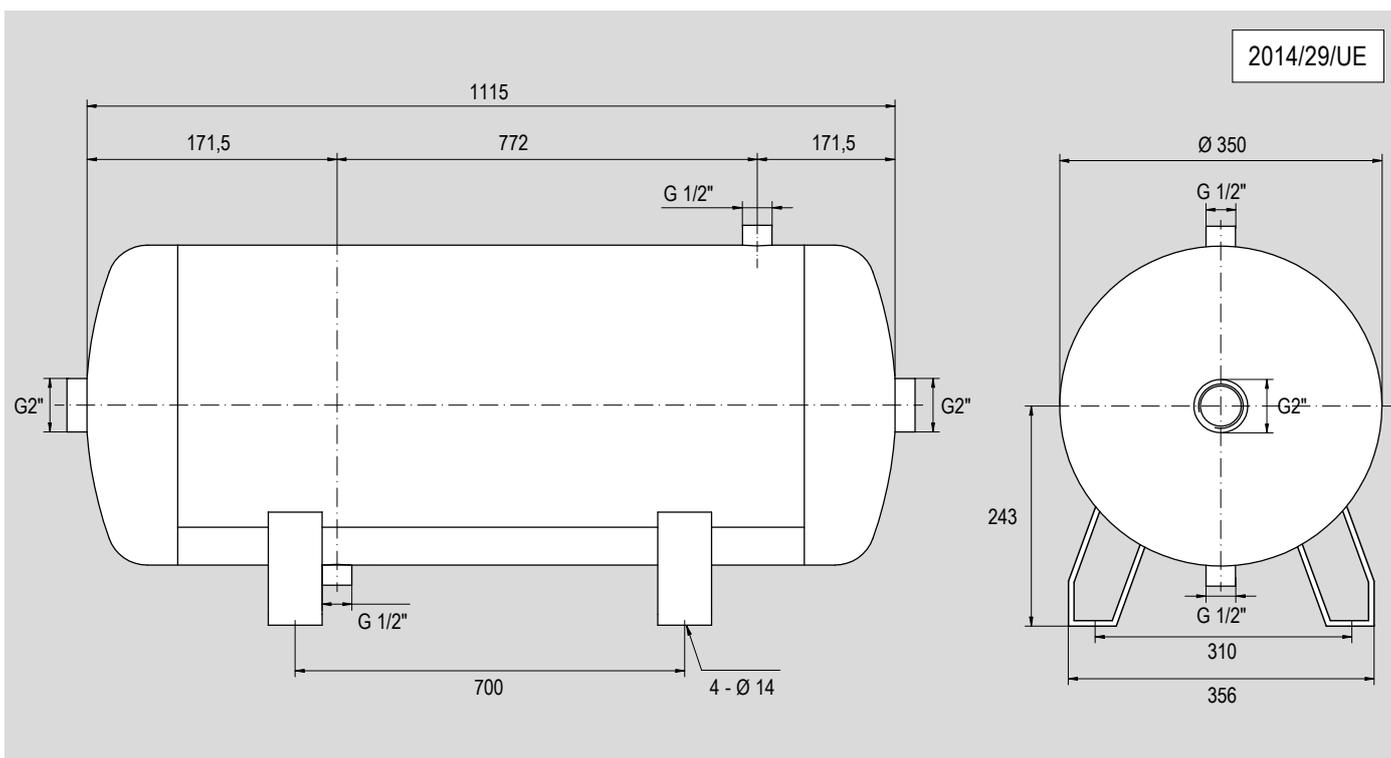
Main features

Version	Symbol	Code	Item
Air-reservoir in painted steel, built according to 2014/29/EU directive. Capacity 100 lt., with 4 connections.		050615	100SBCV4



100 lt.

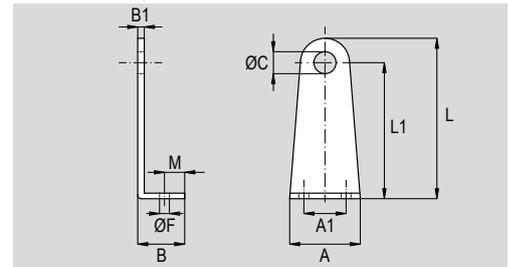
Dimensions



4 - ACCESSORIES

Main features

Type	Description
STSB	Mounting bracket. In zinc-plated steel. Mounting the bracket to the air-reservoir require the fitting type PRSB, to be ordered separately, see the data sheet below.

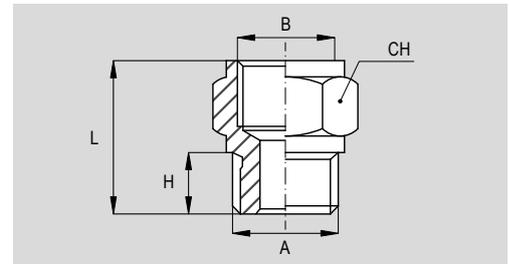


Dimensions

Code	Item	A	A1	B	B1	ØC	ØF	L	L1	M	Weight (g)
050601	STSB	59	37	36	3	21	7	150	132	15,5	-

Main features

Type	Description
PRSB	Bracket/Air-reservoir connection fitting. For sealing washers see page 4.65.1

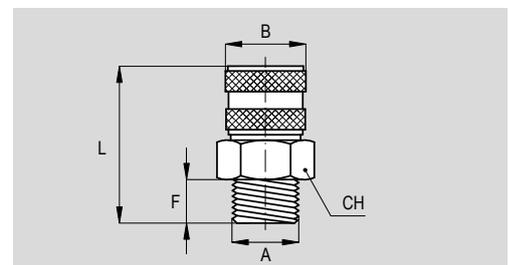


Dimensions

Code	Item	A	B	H	L	CH	Weight (g)
050603	PRSB	G1/2"	G1/2"	15	31	27	-

Main features

Type	Description
VCSB	Semi-automatic condense drain valve. In acetalic resin (POM).



Dimensions

Code	Item	A	B	F	L	CH	Weight (g)
050602	VCSB	G1/4"	16	9	25	16	-

