

Specifications
Container type

NC

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DESTINATION

This report will be handed out to :

N°	DESTINATION
1	Customer
2	A. E. B. srl Managing Director
3	A. E. B. srl Sales department
4	A. E. B. srl Quality Assurance department

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PURPOSE

This report describes some characteristics of design, production and performances of the tank "NC".

Acceptance tests on raw material, tests during production and on the final product guarantee that A.E.B. tanks meet customer's specifications.

BASIC INFORMATION

TANK BODY

Tanks is carried out by assembling: upper part (s. steel), lower part (rubber bottom) and parts, to permit the rolling of the tank and minimize damage by impact. The rubber fulfils ASTM D2000 (M2AA910F17P2Z1Z2Z3Z4Z5Z6Z7) specification

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The assembling of the different metallic parts is made by round and longitudinal welding. All weldings on the tank are automatically made, following TIG system in a inert atmosphere without any deposit of material. On the top of the tank there is an oval opening (mouth) which allow the closing of the tank by the lid. On the bottom there is a sump to enhance the draining off. Printed on the stainless steel of the external surface of the body, there are information about the manufacturer, the capacity of the tank and its identification numbers. The lid made in pressed stainless steel, is finished with handle, and with pull ring relief valve, if required

RUBBER COATING

The extremities of the tank (top and bottom) are covered with black hot vulcanised natural rubber bonded onto the steel. Two handles in the top offer easy handling. Four openings in the bottom skirt enhance the drain of water when the keg is upside down. The maximum outside diameter of the rubber parts is larger than the one of the body. In this way any damage by impact is minimized and the keg can be rolled.

SPECIFICATION AND TOLERANCE

BODY MATERIALS

The tank model "NC" is made of AISI type 304 stainless steel (1.4301) with No. 2B mill finish steel sheet which fulfils ASTM A240 specification. All inside surfaces are smooth to prevent any possible dirt or contamination from remaining inside after washing and sterilizing. Stainless steel does not react to magnetic attraction and its colour does not change due to cleaning or sterilizing.

STANDARD DENOMINATION	SPECIFICATION
AISI 304	AMERICAN
DIN 1.4301	GERMAN
AFNOR Z6 CN 18.09	FRENCH
BS 304 S 15	ENGLISH

The top and the bottom are deep drowned beginning from a stainless steel disk with a thickness of 1,0 mm before the pressing. The body has a thickness of 0,70 mm

SPECIFICATION AND TOLERANCE

RUBBER COATING

Skirt is made of solid black vulcanized rubber. This function is to protect the stainless steel and parts, to permit the rolling of the tank and minimize damage by impact. The rubber fulfils ASTM D2000 (M2AA910F17P2Z1Z2Z3Z4Z5Z6Z7) specification

GASKET RUBBER

All the gaskets are made EPDM - alimentary material colour black.

WEIGHT and CAPACITY

Characteristics	5 US Gal	3 US Ga	2,5 US Gal
Weight	4,0 kg $\pm$ 0.20	3,45 kg $\pm$ 0.20	3,25 kg $\pm$ 0.20
Capacity till gas dip tube	19 l $\pm$ 0.20	4 l $\pm$ 0.20	3,8 l $\pm$ 0.20

MAIN DIMENSIONS

Characteristics	5 US Gal	3 US Ga	2,5 US Gal
Total height	633 $\pm$ 2 mm	422 $\pm$ 2 mm	372 $\pm$ 2 mm
Skirt external diameter	219 $\pm$ 2 mm	219 $\pm$ 2 mm	219 $\pm$ 2 mm
Stainless steel external diameter	215 $\pm$ 1 mm	215 $\pm$ 1 mm	215 $\pm$ 1 mm
Plugs centre line	172 $\pm$ 1 mm	172 $\pm$ 1 mm	172 $\pm$ 1 mm

STEMS

On the top part of the tank there are two welded stems, trough which the gas tube and the liquid tube are putted inside the tank, and top which the plugs are fixed.

Characteristics	Stems NC
Thread	19/32 " 18 UNS

PLUGS

To allow the quick disconnect with the draft units, on its upper part the tank is equipped with one liquid plug and one gas plug

Characteristics		VALVE
NC Type	Gas plug	with incision on the hexagon
	Liquid plug	without incision on the hexagon

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DIPTUBES

To draw out the product, the tanks has 2 dip tubes, one short to introduce the gas and one other long to get the product from the bottom of the tank.

Characteristics	5 US Gal	3 US Ga	2,5 US Gal
gas $\varnothing$ 8 X 0,5	38 mm	38 mm	38 mm
liquid $\varnothing$ 8 X 0,5	593 mm	383 mm	334 mm

IDENTIFICATION / MARKING

Standard marking and identification on tank body :

A.E.B. Srl
MADE IN ITALY
ANNO 6/2006
N. 005058



Our tanks are manufactured according with the laws and rules concerning hygiene and labour safety and in respect of the Regulations (EC) N° 1935/2004 and N° 2023/2006 and for this are suitable to come in contact with foodstuffs as beverages containing alcohol and / or CO₂.

Jan. 2020

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Please note that some production processes are carried out by our subcontractor not certificates in conformity to BRC standard