

VÍTKOVICE CYLINDERS a.s.

Ruská 24/83,
706 00 Ostrava - Vítkovice
Czech Republic
Fax.: 00420/596 664 642
IČ : 25849026

**Cylinders
Holding****EU DECLARATION OF CONFORMITY No.: 200146/1**

EU PROHLÁŠENÍ O SHODĚ č.:

According to Annex IV of Directive 2014/68/EU, implemented by Czech law

No. 90/2016 and by Czech government regulation No. 219/2016.

podle přílohy IV směrnice 2014/68/EU, implementované zákonem ČR č. 90/2016 Sb. a Nařízením vlády ČR č. 219/2016 Sb.

Customer /Zákazník**FHU "OPTIMAL-BIS" DANUTA
KOSMALSKA****Contract No. /Smlouva č.**

-

Shop order No./Zakázka č.**OL200146****Product/Výrobek****Seamless steel cylinders for breathing
apparatus**

Bezešvé ocelové lahve pro dýchací přístroje

Type/Typ - Dimensions/ Rozměry**10 L – D 178/5,0 mm****Working pressure/Test pressure****300 / 450 bar**

Pracovní přetlak/ Zkušební přetlak

Quantity/ Množství**30 pcs****Production numbers /Výrobní čísla****15240294 - 15240323****Customer numbers /Zákaznická čísla**

-

Drawing No. /Výkres č.**LA 4 – 0655 Rev. 1****Technical standard/Technická norma****EN ISO 9809-2****Material/Materiál - Heat/Tavba = Heat code/Krycí znak tavby****34CrMo4 – 082144=P2****Test lot /Zkušební skupina****P2/2****Paint/Nátěr****RAL 9010**

We declare that cylinders are in conformity with the type as described in the EC type examination certificate No. 05.717.088 and satisfy the requirements of the Directive 2014/68/EU, implemented by Czech law No. 90/2016 and by Czech government regulation No. 219/2016.

Prohlašujeme, že lahve se shodují s typem popsáním v certifikátu příslušného typu 05.717.088 a splňují požadavky směrnice 2014/68/EU implementované zákonem č. 90/2016 Sb. a NV č. 219/2016 Sb.

Conformity assessment procedure – Module: B (EC type – examination) + C1 (conformity to type)

Postup vyhodnocení shodnosti – modul : B (ES přezkoušení typu) + C1 (shodnost s typem)

The monitoring is performed by:**TÜV SÜD Czech s.r.o., Novodvorská 994, 142 21 Praha 4, Czech Republic**

Dozor se provádí prostřednictvím :

Identification No.: 1017

Identifikační číslo : 1017

Enclosure : List of production numbers of supplied cylinders

Příloha : Seznam výrobních čísel dodaných lahví

All prescribed inspections and tests were carried out in accordance with the purchase contract and the above-mentioned standard and were satisfactory. The cylinders were stamped with the mark of conformity CE 1017. Všechny předepsané kontroly a zkoušky byly provedeny v souladu s kupní smlouvou a výše uvedenou normou a byly vyhovující. Lahve byly označeny značkou shody CE 1017.

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V Ostravě dne: 7.4.2020

Authorized representative of producer :

Jiří Písečný

Oprávněný zástupce výrobce:

QC departement – Řízení kvality

Order number	Customer	Cylinder type			
OL200146	FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	10 L oxygen, nitrox or air			
Pieces	Test pressure	Year / Month			
30	450,00 bar	2020 / 3			
Production number	Prefix	Customer number	Testing group	Cylinder weight	Capacity
15240294			P2/2	14,2	10,0
15240295			P2/2	14,2	10,0
15240296			P2/2	14,2	10,0
15240297			P2/2	14,4	10,0
15240298			P2/2	14,4	10,0
15240299			P2/2	14,2	10,0
15240300			P2/2	14,4	10,0
15240301			P2/2	14,2	10,0
15240302			P2/2	14,2	10,0
15240303			P2/2	14,3	10,0
15240304			P2/2	13,9	10,0
15240305			P2/2	14,1	10,0
15240306			P2/2	14,2	10,0
15240307			P2/2	14,4	10,0
15240308			P2/2	14,2	10,0
15240309			P2/2	14,4	10,0
15240310			P2/2	14,1	10,0
15240311			P2/2	14,2	10,0
15240312			P2/2	14,2	10,0
15240313			P2/2	14,4	10,0
15240314			P2/2	14,5	10,0
15240315			P2/2	14,2	10,0
15240316			P2/2	14,2	10,0
15240317			P2/2	14,4	10,0
15240318			P2/2	14,4	10,0
15240319			P2/2	14,4	10,0
15240320			P2/2	14,2	10,0
15240321			P2/2	14,2	10,0
15240322			P2/2	14,5	10,0
15240323			P2/2	14,3	10,0

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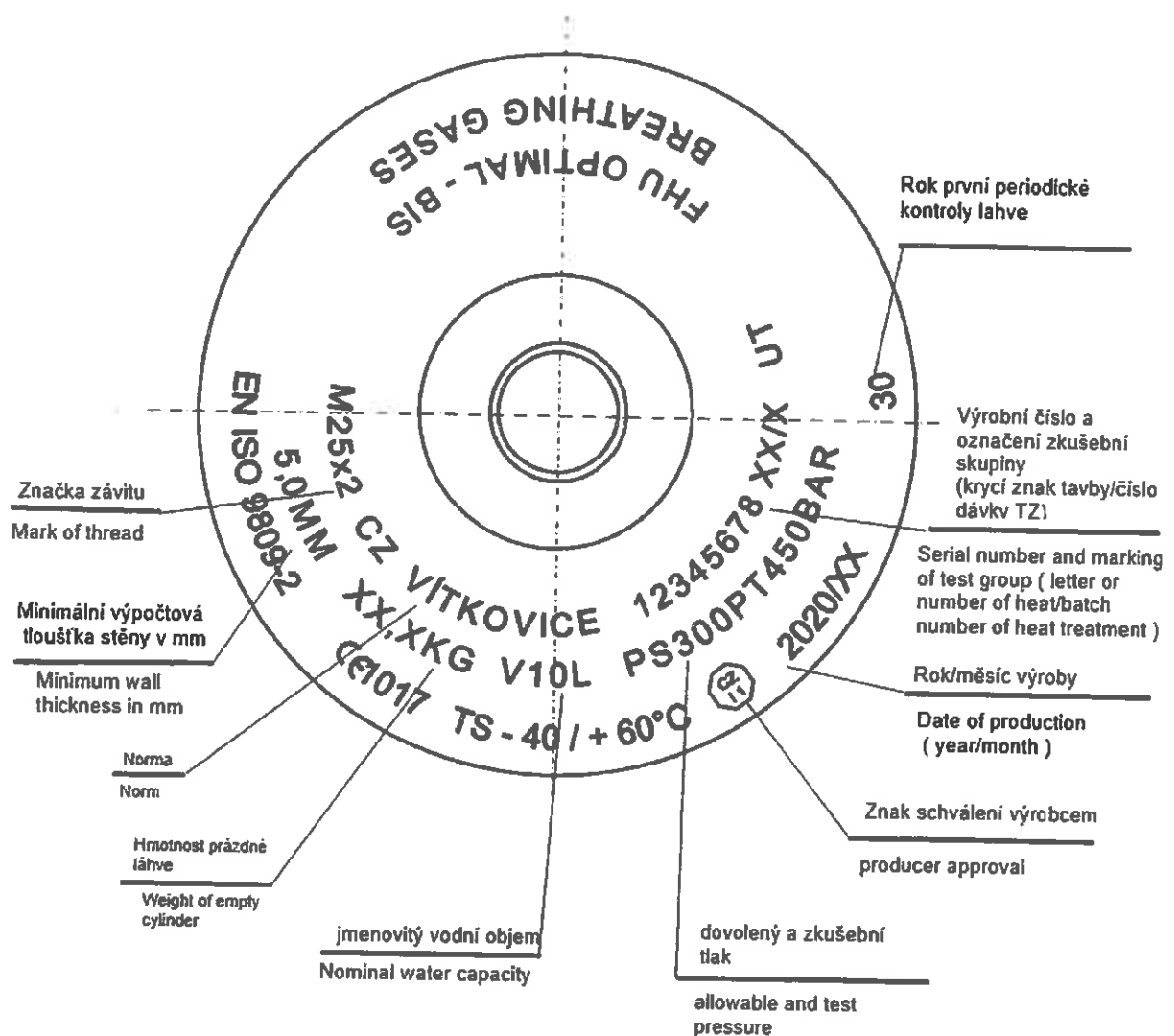
Instruction for application

(drawing LA4-0655 rev.1)

(order no. OL200146)

These seamless steel cylinders are defined for portable respiration apparatuses *.
These cylinders are on compressed air, oxygen and other respiration mixtures and designed as portable cylinders for the divers, firemen, persons working with asbestos and the like.
These cylinders are defined for the installation at oxygen/air facilities of the hospitals. *

Description of stamping



Operation instructions

Maximal working overpressure in bar at steady temperature 15 °C is stated in stamping (PS).

The cylinder can be operated only in the range of temperatures: low temperature -stated in stamping , upper temperature +60°C for entirely filled cylinder and in other cases it is such that at certain level of cylinder filling pressure shall not exceed value 0,75 x testing pressure (PT).

The cylinders shall be stored, handled and used in a way to prevent from :

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- their damage and change of shape that can result in safety reduction (scratches, dead holes and the like.)
- temperature exceed of cylinder and its medium above 60 °C for entirely filled cylinder
- formation of excessive surface or pitting corrosion, rusting or contamination of inside surface

Application

The cylinders can be used exclusively for the medium stated in stamping .

The cylinders can be filled only by the authorized organization - assigned with the applicable regulations and in compliance with the applicable technical instructions and standards.

Repairs with welding, material heating of cylinders without medium above 300 °C, any interventions in cylinders construction, not approved changes in stamping are strictly forbidden.

Maintenance and inspection

The cylinders shall be subject to inspections in periods assigned in the applicable instructions and standards. The inspection shall be done only by authorized inspector.

In case of damage of cylinder surface (scratches, tears, deformations, excessive surface corrosion, pitting corrosion and the like) or cylinder exposure to influences that could deteriorate its material properties or damage the cylinder (exposure to temperature above 300 °C, internal overpressure higher than testing pressure (PT) for more than 3 % and so on) the cylinder shall be subject to not planned inspection and proceed further according to the inspector's decision.

The cylinders that do not satisfy shall not be in operation. The cylinders defined for disposal shall be physically scrapped. The cylinder material (low-alloy steel) is completely recycled, for ex. through the scrap yards. The cylinders can be also returned for disposal to the producer.

*Note.: * Respiration apparatus is a personal protective means and so it shall be carried and kept by the individual.*

Prepared by:
Jan ŠIGUT
VÍTKOVICE CYLINDERS a.s.
050.30- Products and tooling development and Automotive
Date: 04.03.2020

Approved by:
Ing. Aleš MUSIAL
VÍTKOVICE CYLINDERS a.s.
050.30- Products and tooling development and Automotive
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