

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.: 172483/1

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.

OL172483

Product/Výrobek

**Seamless steel cylinders for breathing
apparatus**

Bezešvé ocelové lahve pro dýchací přístroje

Type/Typ - Dimensions/ Rozměry

7 L - D 140/3,8 mm

Working pressure/Test pressure

300 / 450 bar

Pracovní přetlak/ Zkušební přetlak

Quantity/ Množství

50 pcs

Production numbers /Výrobní čísla

14244096-14244145

Customer numbers /Zákaznická čísla

-

Drawing No. /Výkres č.

LA 4 - 0473 Rev. 1

Technical standard/Technická norma

EN ISO 9809-2

Material/Materiál - Heat/Tavba = Heat code/Krycí znak tavby

**34CrMo4 - 165654=Z5,0315352670=N8
0316355144=U3,552030=H1**

Test lot /Zkušební skupina

Z5/4,N8/1,U3/1,H1/2

Paint/Nátěr

RAL 9010

We declare that cylinders are in conformity with the type as described in the EC type examination certificate No. 06.150.201 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 06.150.201 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.

V Ostravě dne: 10.1.2018

Authorized representative of producer :

Oprávněný zástupce výrobce:

VÍTKOVICE CYLINDERS a.s.

Ruská 24/83

Alexandr Heczk706 00 Ostrava-Vítkovice

QC departement - Řízení kvality

Order number	Customer	Cylinder type		
OL172483	FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	7 L oxygen, nitrox or air		
Pieces	Test pressure	Year / Month		
50	450 bar	2018 / 1		
Production number Prefix	Customer number	Testing group	Cylinder weight	Capacity
14244096		Z5/4	10,1	7,0
14244097		Z5/4	10,1	7,0
14244098		Z5/4	10,1	7,0
14244099		Z5/4	10,0	7,0
14244100		Z5/4	10,1	7,0
14244101		Z5/4	10,1	7,0
14244102		Z5/4	10,1	7,0
14244103		Z5/4	10,1	7,0
14244104		Z5/4	10,2	7,0
14244105		Z5/4	10,1	7,0
14244106		Z5/4	10,1	7,0
14244107		Z5/4	10,1	7,0
14244108		Z5/4	10,1	7,0
14244109		Z5/4	10,1	7,0
14244110		Z5/4	10,2	7,0
14244111		N8/1	10,0	7,0
14244112		N8/1	10,0	7,0
14244113		N8/1	10,0	7,0
14244114		N8/1	10,0	7,0
14244115		N8/1	10,1	7,0
14244116		N8/1	10,0	7,0
14244117		N8/1	10,0	7,0
14244118		U3/1	10,1	7,0
14244119		U3/1	10,1	7,0
14244120		U3/1	10,0	7,0
14244121		U3/1	10,0	7,0
14244122		U3/1	10,1	7,0
14244123		U3/1	10,1	7,0
14244124		U3/1	10,0	7,0
14244125		U3/1	10,0	7,0
14244126		U3/1	10,1	7,0
14244127		U3/1	10,2	7,0
14244128		U3/1	10,2	7,0
14244129		U3/1	10,2	7,0
14244130		U3/1	10,1	7,0
14244131		U3/1	10,1	7,0
14244132		U3/1	10,2	7,0
14244133		U3/1	10,1	7,0
14244134		U3/1	10,0	7,0
14244135		U3/1	10,1	7,0
14244136		U3/1	10,0	7,0
14244137		U3/1	10,0	7,0
14244138		U3/1	10,0	7,0
14244139		H1/2	10,0	7,0
14244140		H1/2	10,0	7,0
14244141		H1/2	10,0	7,0
14244142		H1/2	10,0	7,0
14244143		H1/2	10,0	7,0
14244144		H1/2	10,0	7,0
14244145		H1/2	10,0	7,0

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**Vítkovice
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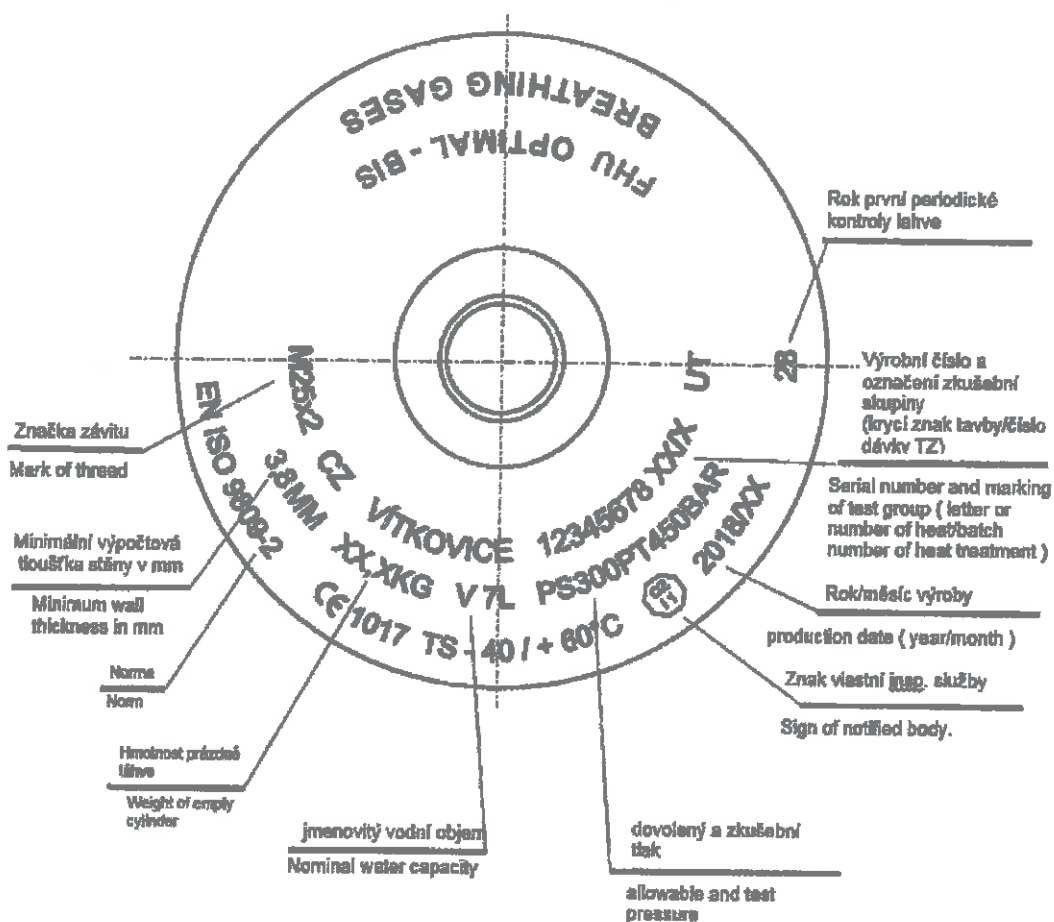
Instruction for application

(drawing LA4-0473 rev.1)

(order no.OL172483)

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 :

- 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

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**Vítkovice
Cylinders****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:

Tomáš PIJANOWSKI

VÍTKOVICE CYLINDERS a.s.

050.30- Products and tooling development and Automotive

Date: 8. 1. 2018

Approved by:

Ing. Aleš MUSIAL

VÍTKOVICE CYLINDERS a.s.

050.30- Products and tooling development and Automotive

Date: 8. 1. 2018



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