

**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.: 190376/1

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.**

**OL190376**

**Product/Výrobek**

**Seamless steel cylinders for breathing  
apparatus**

Bezešvé ocelové lahve pro dýchací přístroje

**Type/Typ - Dimensions/ Rozměry**

**10 L – D 171/3,8 mm**

**Working pressure/Test pressure**

**230 / 345 bar**

Pracovní přetlak/ Zkušební přetlak

**Quantity/ Množství**

**30 pcs**

**Production numbers /Výrobní čísla**

**14887421-14887450**

**Drawing No. /Výkres č.**

**LA 4 – 0723 Alt. 2 Rev. 0**

**Technical standard/Technická norma**

**EN ISO 9809-2**

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

**34CrMo4 – 0315336914=I9**

**Test lot /Zkušební skupina**

**I9/2**

**Paint/Nátěr**

**RAL 9010**

We declare that cylinders are in conformity with the type as described in the EC type examination certificate No. 06.204.965 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 popsaným v certifikátu příslušného typu 06.204.965 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: 4.7.2019

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706 00 Ostrava-Vítkovice

**Authorized representative of producer :**

Alexandr Heczko

Oprávněný zástupce výrobce:

QC departement – Řízení kvality

Order number	Customer	Cylinder type		
OL190376	FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	10 L oxygen, nitrox or air		
Pieces	Test pressure	Year / Month		
30	345,00 bar	2019 / 5		
Production number Prefix	Customer number	Testing group	Cylinder weight	Capacity
14887421		I9/2	11,8	10,0
14887422		I9/2	11,8	10,0
14887423		I9/2	11,8	10,0
14887424		I9/2	11,8	10,0
14887425		I9/2	11,8	10,0
14887426		I9/2	11,8	10,0
14887427		I9/2	11,8	10,0
14887428		I9/2	11,7	10,0
14887429		I9/2	11,8	10,0
14887430		I9/2	11,9	10,0
14887431		I9/2	11,9	10,0
14887432		I9/2	11,8	10,0
14887433		I9/2	11,8	10,0
14887434		I9/2	11,8	10,0
14887435		I9/2	11,8	10,0
14887436		I9/2	11,8	10,0
14887437		I9/2	11,8	10,0
14887438		I9/2	11,8	10,0
14887439		I9/2	11,8	10,0
14887440		I9/2	11,8	10,0
14887441		I9/2	11,8	10,0
14887442		I9/2	11,7	10,0
14887443		I9/2	11,8	10,0
14887444		I9/2	11,8	10,0
14887445		I9/2	11,8	10,0
14887446		I9/2	11,7	10,0
14887447		I9/2	11,9	10,0
14887448		I9/2	11,8	10,0
14887449		I9/2	11,8	10,0
14887450		I9/2	11,8	10,0

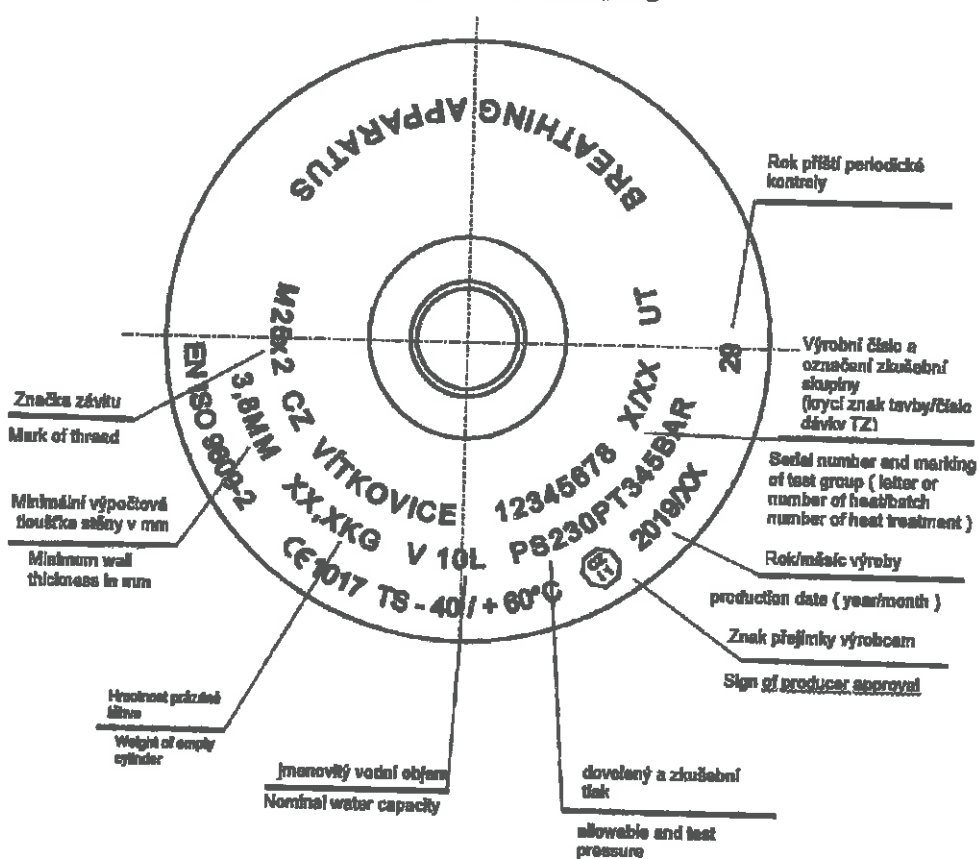
### Instruction for application

(drawing LA4-0723rev.0)

(order no.OL190376)

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, fire men, 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

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- 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:  
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050.30- Products and tooling development and Automotive  
Date: 15. 5. 2019

Approved by:  
Ing. Aleš MUSIAL  
VÍTKOVICE CYLINDERS a.s.  
050.30- Products and tooling development and Automotive  
Date: 15. 5. 2019

  
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