

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.: 182102/1

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.

OL182102

Product/Výrobek

**Seamless steel cylinders for breathing
apparatus**

Bezešvé ocelové lahve pro dýchací přístroje

Type/Typ - Dimensions/ Rozměry

12 L – D 171/3,8 mm

Working pressure/Test pressure

232 / 348 bar

Pracovní přetlak/ Zkušební přetlak

Quantity/ Množství

100 pcs

Production numbers /Výrobní čísla

14729539-14729638

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 – 174486=F4

Test lot /Zkušební skupina

F4/4

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 popsáním 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: 8.2.2019

VÍTKOVICE CYLINDERS a.s.

Ruská 24/83

706 00 Ostrava-Vítkovice

Authorized representative of producer :

Alexandr Heczko

Oprávněný zástupce výrobce:

QC departement – Řízení kvality

Order number OL182102	Customer FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	Cylinder type 12 L oxygen, nitrox or air
Pieces 100	Test pressure 348,00 bar	Year / Month 2019 / 1

Production number	Prefix	Customer number	Testing group	Cylinder weight	Capacity
14729539			F4/4	14,0	12,0
14729540			F4/4	14,0	12,0
14729541			F4/4	14,0	12,0
14729542			F4/4	14,0	12,0
14729543			F4/4	14,0	12,0
14729544			F4/4	13,9	12,0
14729545			F4/4	14,0	12,0
14729546			F4/4	14,1	12,0
14729547			F4/4	14,0	12,0
14729548			F4/4	14,0	12,0
14729549			F4/4	14,0	12,0
14729550			F4/4	14,1	12,0
14729551			F4/4	14,0	12,0
14729552			F4/4	14,1	12,0
14729553			F4/4	14,0	12,0
14729554			F4/4	13,9	12,0
14729555			F4/4	14,0	12,0
14729556			F4/4	14,0	12,0
14729557			F4/4	14,0	12,0
14729558			F4/4	14,1	12,0
14729559			F4/4	14,1	12,0
14729560			F4/4	13,9	12,0
14729561			F4/4	14,0	12,0
14729562			F4/4	14,0	12,0
14729563			F4/4	14,1	12,0
14729564			F4/4	13,9	12,0
14729565			F4/4	14,0	12,0
14729566			F4/4	14,1	12,0
14729567			F4/4	14,0	12,0
14729568			F4/4	14,0	12,0
14729569			F4/4	14,1	12,0
14729570			F4/4	14,1	12,0
14729571			F4/4	13,9	12,0
14729572			F4/4	13,9	12,0
14729573			F4/4	14,1	12,0
14729574			F4/4	14,0	12,0
14729575			F4/4	14,0	12,0
14729576			F4/4	14,0	12,0
14729577			F4/4	14,0	12,0
14729578			F4/4	13,9	12,0
14729579			F4/4	13,9	12,0
14729580			F4/4	13,7	12,0
14729581			F4/4	14,0	12,0
14729582			F4/4	14,1	12,0
14729583			F4/4	13,9	12,0
14729584			F4/4	14,1	12,0
14729585			F4/4	14,0	12,0
14729586			F4/4	13,9	12,0
14729587			F4/4	14,1	12,0
14729588			F4/4	13,9	12,0
14729589			F4/4	14,0	12,0
14729590			F4/4	14,0	12,0
14729591			F4/4	13,7	12,0
14729592			F4/4	14,0	12,0
14729593			F4/4	14,1	12,0
14729594			F4/4	14,1	12,0

Processing by: **Holaňová Dušana**

Date:

Order number OL182102	Customer FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	Cylinder type 12 L oxygen, nitrox or air
Pieces 100	Test pressure 348,00 bar	Year / Month 2019 / 1

Production number	Prefix	Customer number	Testing group	Cylinder weight	Capacity
14729595			F4/4	14,0	12,0
14729596			F4/4	14,1	12,0
14729597			F4/4	14,0	12,0
14729598			F4/4	14,1	12,0
14729599			F4/4	14,0	12,0
14729600			F4/4	13,9	12,0
14729601			F4/4	14,1	12,0
14729602			F4/4	14,1	12,0
14729603			F4/4	13,9	12,0
14729604			F4/4	14,0	12,0
14729605			F4/4	14,0	12,0
14729606			F4/4	13,7	12,0
14729607			F4/4	14,0	12,0
14729608			F4/4	13,9	12,0
14729609			F4/4	14,0	12,0
14729610			F4/4	13,9	12,0
14729611			F4/4	14,0	12,0
14729612			F4/4	14,1	12,0
14729613			F4/4	14,1	12,0
14729614			F4/4	13,9	12,0
14729615			F4/4	14,1	12,0
14729616			F4/4	13,9	12,0
14729617			F4/4	13,9	12,0
14729618			F4/4	14,1	12,0
14729619			F4/4	14,1	12,0
14729620			F4/4	14,0	12,0
14729621			F4/4	14,0	12,0
14729622			F4/4	14,0	12,0
14729623			F4/4	14,0	12,0
14729624			F4/4	14,1	12,0
14729625			F4/4	14,0	12,0
14729626			F4/4	14,0	12,0
14729627			F4/4	14,0	12,0
14729628			F4/4	14,0	12,0
14729629			F4/4	14,0	12,0
14729630			F4/4	13,9	12,0
14729631			F4/4	14,0	12,0
14729632			F4/4	14,0	12,0
14729633			F4/4	13,9	12,0
14729634			F4/4	14,1	12,0
14729635			F4/4	14,0	12,0
14729636			F4/4	14,1	12,0
14729637			F4/4	14,1	12,0
14729638			F4/4	14,1	12,0

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Cylinders**

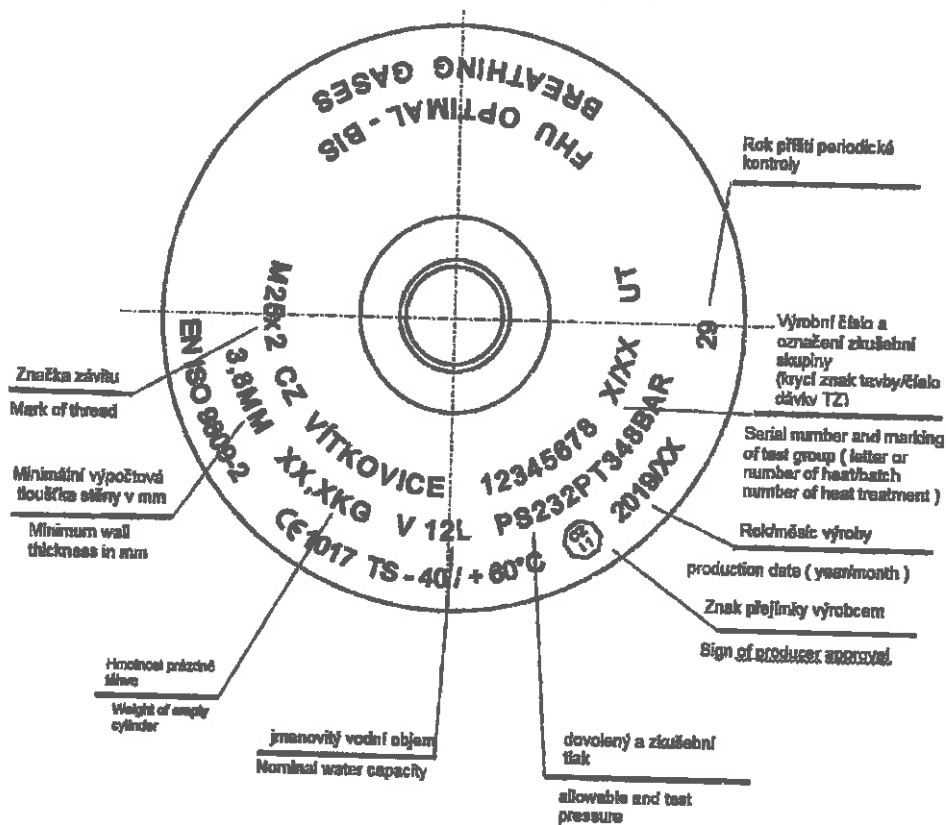


Instruction for application

(drawing LA4-0723rev.0)
(order no.OL182102)

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
- formation of excessive surface or pitting corrosion, rusting or contamination of inside surface

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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: 9. 1. 2019

Approved by:
Ing. Aleš MUSIAL
VÍTKOVICE CYLINDERS a.s.
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Date: 9. 1. 2019


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