

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.: 192720/1

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.	OL192720
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 Pracovní přetlak/ Zkušební přetlak	232 / 348 bar
Quantity/ Množství	70 pcs
Production numbers /Výrobní čísla	15208765-15208834
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 – 0316353966=S9
Test lot /Zkušební skupina	S9/8
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: 12.2.2020

Authorized representative of producer :
Oprávněný zástupce výrobce:

Jiří Pišečný



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QC departement – Řízení kvality

Order number OL192720	Customer FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	Cylinder type 12 L oxygen, nitrox or air
Pieces 70	Test pressure 348,00 bar	Year / Month 2020 / 1

Production number	Prefix	Customer number	Testing group	Cylinder weight	Capacity
15208765			S9/8	14,2	12,0
15208766			S9/8	14,1	12,0
15208767			S9/8	14,2	12,0
15208768			S9/8	14,2	12,0
15208769			S9/8	14,3	12,0
15208770			S9/8	14,2	12,0
15208771			S9/8	14,2	12,0
15208772			S9/8	14,2	12,0
15208773			S9/8	14,1	12,0
15208774			S9/8	14,2	12,0
15208775			S9/8	14,2	12,0
15208776			S9/8	14,2	12,0
15208777			S9/8	14,2	12,0
15208778			S9/8	14,2	12,0
15208779			S9/8	14,2	12,0
15208780			S9/8	14,1	12,0
15208781			S9/8	14,2	12,0
15208782			S9/8	14,2	12,0
15208783			S9/8	14,2	12,0
15208784			S9/8	14,1	12,0
15208785			S9/8	14,3	12,0
15208786			S9/8	14,3	12,0
15208787			S9/8	14,2	12,0
15208788			S9/8	14,2	12,0
15208789			S9/8	14,3	12,0
15208790			S9/8	14,1	12,0
15208791			S9/8	14,2	12,0
15208792			S9/8	14,2	12,0
15208793			S9/8	14,2	12,0
15208794			S9/8	14,2	12,0
15208795			S9/8	14,2	12,0
15208796			S9/8	14,2	12,0
15208797			S9/8	14,3	12,0
15208798			S9/8	14,2	12,0
15208799			S9/8	14,2	12,0
15208800			S9/8	14,2	12,0
15208801			S9/8	14,2	12,0
15208802			S9/8	14,2	12,0
15208803			S9/8	14,2	12,0
15208804			S9/8	14,2	12,0
15208805			S9/8	14,2	12,0
15208806			S9/8	14,2	12,0
15208807			S9/8	14,2	12,0
15208808			S9/8	14,3	12,0
15208809			S9/8	14,2	12,0
15208810			S9/8	14,1	12,0
15208811			S9/8	14,3	12,0
15208812			S9/8	14,2	12,0
15208813			S9/8	14,2	12,0
15208814			S9/8	14,2	12,0
15208815			S9/8	14,2	12,0
15208816			S9/8	14,2	12,0
15208817			S9/8	14,2	12,0
15208818			S9/8	14,3	12,0
15208819			S9/8	14,2	12,0
15208820			S9/8	14,2	12,0

Processing by: Holaňová Dušana

Date:

Order number OL192720	Customer FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	Cylinder type 12 L oxygen, nitrox or air			
Pieces 70	Test pressure 348,00 bar	Year / Month 2020 / 1			
Production number	Prefix	Customer number	Testing group	Cylinder weight	Capacity
15208821			S9/8	14,3	12,0
15208822			S9/8	14,1	12,0
15208823			S9/8	14,2	12,0
15208824			S9/8	14,3	12,0
15208825			S9/8	14,3	12,0
15208826			S9/8	14,3	12,0
15208827			S9/8	14,3	12,0
15208828			S9/8	14,2	12,0
15208829			S9/8	14,2	12,0
15208830			S9/8	14,2	12,0
15208831			S9/8	14,2	12,0
15208832			S9/8	14,3	12,0
15208833			S9/8	14,2	12,0
15208834			S9/8	14,2	12,0

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**Vítkovice
Cylinders**

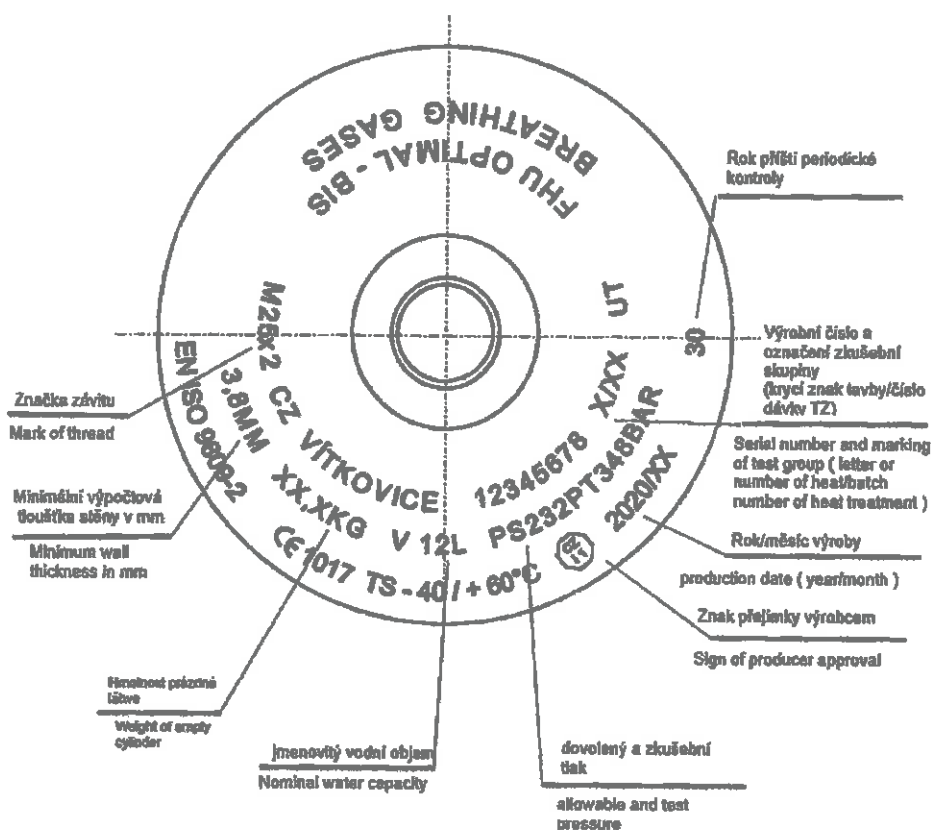


Instruction for application

(drawing LA4-0723rev.0)
(order no.OL192720)

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:
Jan ŠIGUT
VÍTKOVICE CYLINDERS a.s.
050.30- Products and tooling development and Automotive
Date: 21.01.2020

Approved by:
Ing. Aleš MUSIAL
VÍTKOVICE CYLINDERS a.s.
050.30- Products and tooling development and Automotive
Date: 21.01.2020



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