

**Gas cylinders - Outlet connections for gas cylinder
valves for compressed breathable air (ISO 12209:2013)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 12209:2013 sisaldab Euroopa standardi EN ISO 12209:2013 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 12209:2013 consists of the English text of the European standard EN ISO 12209:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Gas cylinders - Outlet connections for gas cylinder valves for
compressed breathable air (ISO 12209:2013)

Bouteilles à gaz - Raccords de sortie pour robinets de
bouteilles à gaz pour air comprimé respirable (ISO
12209:2013)

Gasflaschen - Ausgangsanschlüsse für Gasflaschenventile
für verdichtete Atemluft (ISO 12209:2013)

This European Standard was approved by CEN on 17 August 2013.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 12209:2013) has been prepared by Technical Committee ISO/TC 58 "Gas cylinders" in collaboration with Technical Committee CEN/TC 23 "Transportable gas cylinders" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2014, and conflicting national standards shall be withdrawn at the latest by March 2014.

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Endorsement notice

The text of ISO 12209:2013 has been approved by CEN as EN ISO 12209:2013 without any modification.

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Gas cylinders — Outlet connections for gas cylinder valves for compressed breathable air

1 Scope

This International Standard specifies the characteristics of outlet connections for gas cylinder valves for compressed breathable air gas cylinders. It states the fundamental requirements for both; the connection and its components and includes basic dimensions. Included in this International Standard are the following connections:

- yoke type outlet connection for SCUBA use up to a maximum cylinder working pressure of 232 bar;
- threaded type outlet connections up to a maximum cylinder working pressure of 232 bar and 300 bar; and
- threaded type outlet connection for SCUBA use up to a maximum cylinder working pressure of 232 bar including adaptor for users to convert into a yoke type outlet.

[Annex A](#) gives the outlet connection type test procedures.

Requirements for cylinder valves (see ISO 10297) are not covered by this International Standard.

Requirements for material specifications and gas/material compatibility (see ISO 11114-1 and ISO 11114-2) are not covered by this International Standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

working pressure

settled pressure of a compressed gas at a uniform reference temperature of 15 °C in a full gas cylinder

[SOURCE: ISO 10286:2007, definition A.2.8]

3.2

SCUBA

self-contained underwater breathing apparatus

3.3

compressed breathable air

gas which has the nominal composition of atmospheric air and is subject to purity level controls