



SLOVENSKI STANDARD SIST EN ISO 17879:2018

01-maj-2018

Plinske jeklenke - Samozaporni ventili za plinske jeklenke - Specifikacija in preskus tipa (ISO 17879:2017)

Gas cylinders - Self-closing cylinder valves - Specification and type testing (ISO 17879:2017)

Gasflaschen - Selbstschließende Flaschenventile - Spezifikation und Baumusterprüfung (ISO 17879:2017)

Bouteilles à gaz - Robinets de bouteilles équipés de clapets auto-obturants - Spécifications et essais de type (ISO 17879:2017)

Ta slovenski standard je istoveten z: EN ISO 17879:2017

ICS:

23.020.35	Plinske jeklenke	Gas cylinders
23.060.40	Tlačni regulatorji	Pressure regulators

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EUROPEAN STANDARD

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Gas cylinders - Self-closing cylinder valves - Specification and type testing (ISO 17879:2017)

Bouteilles à gaz - Robinets de bouteilles équipés de
clapets auto-obturants - Spécifications et essais de type
(ISO 17879:2017)

Gasflaschen - Selbstschließende Flaschenventile -
Spezifikation und Baumusterprüfung (ISO
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European foreword

This document (EN ISO 17879:2017) 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of an identical text or by endorsement, at the latest by February 2018, and conflicting national standards shall be withdrawn at the latest by February 2018.

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**Gas cylinders — Self-closing cylinder
valves — Specification and type testing**

*Bouteilles à gaz — Robinets de bouteilles équipés de clapets auto-
obturants — Spécifications et essais de type*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

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Introduction

This document covers the function of a self-closing cylinder valve as a closure (defined by the UN Model Regulations). Additional features of self-closing cylinder valves (e.g. pressure relief devices) might be covered by other standards and/or regulations.

Self-closing cylinder valves conforming to this document can be expected to perform satisfactorily under normal service conditions.

This document pays particular attention to:

- a) suitability of materials;
- b) safety (mechanical strength, impact strength, endurance, leak tightness, resistance to ignition, resistance to acetylene flashback);
- c) testing;
- d) marking;
- e) manufacturing tests and examinations.

In this document, the unit bar is used due to its universal use in the field of technical gases. It should, however, be noted that bar is not an SI unit, and that the corresponding SI unit for pressure is Pa (1 bar = 10^5 Pa = 10^5 N/m²).

Pressure values in this document are given as gauge pressure (pressure exceeding atmospheric pressure) unless noted otherwise.

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