SLOVENSKI STANDARD
SIST EN ISO 17292:2016

01-februar-2016

Nadomešča:
SIST EN ISO 17292:2004

Kovinski krogelni ventili za naftno industrijo, petrokemijo in podobno industrijo (ISO 17292:2015)

Metal ball valves for petroleum, petrochemical and allied industries (ISO 17292:2015)

Kugelhähne aus Metall für Erdöl-, petrochemische und verwandte Industrien (ISO 17292:2015)

Robinets à tournant sphérique métalliques pour les industries du pétrole, de la pétrochimie et les industries connexes (ISO 17292:2015)

Ta slovenski standard je istoveten z: **EN ISO 17292:2015**

ICS:

23.060.20	Zapirni ventili (kroglasti in pipe)	Ball and plug valves
75.180.01	Oprema za industrijo nafte in zemeljskega plina na splošno	Equipment for petroleum and natural gas industries in general

SIST EN ISO 17292:2016 **de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 17292

December 2015

ICS 23.060.20; 75.200

Supersedes EN ISO 17292:2004

English Version

Metal ball valves for petroleum, petrochemical and allied industries (ISO 17292:2015)

Robinets à tournant sphérique métalliques pour les industries du pétrole, de la pétrochimie et les industries connexes (ISO 17292:2015)

Kugelhähne aus Metall für Erdöl-, petrochemische und verwandte Industrien (ISO 17292:2015)

This European Standard was approved by CEN on 7 November 2015.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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European foreword

This document (EN ISO 17292:2015) has been prepared by Technical Committee ISO/TC 153 "Valves" in collaboration with the Technical Committee CEN/TC 69 “Industrial valves” the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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This document supersedes EN ISO 17292:2004.

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Endorsement notice

The text of ISO 17292:2015 has been approved by CEN as EN ISO 17292:2015 without any modification.

INTERNATIONAL STANDARD

ISO 17292

Second edition
2015-11-15

Metal ball valves for petroleum, petrochemical and allied industries

Robinets à tournant sphérique métalliques pour les industries du pétrole, de la pétrochimie et les industries connexes

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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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 153, *Valves*, Subcommittee SC 1, *Design, manufacture, marking and testing*.

This second edition cancels and replaces the first edition (ISO 17292:2004), which has been technically revised with the following changes:

— scope increased to include DN 600, NPS 24, PN 63, and PN 100;

— Clause 2 "Normative references" was updated;

— Class 800 no longer restricted to reduce bore only;

— inclusion of reference and purchaser option to request valves conforming to ISO 15156 or NACE MR0103;

— expanded seat materials to include modified PTFE and reinforced modified PTFE;

— in Table 1, inclusion of higher pressure temperature ratings that are more closely aligned with BS 5351 and account for improved performance attained from modified PTFE; separate listing for trunnion valves has been removed from Table 1;

— revised selected bore diameters in Table 2;

— purchaser needs to specify long or short pattern face-to-face dimension on ASME flanged valves;

— clarification that the strength of the stem above the packing shall be stronger than the internal portion at the maximum rated temperature;

— addition of purchaser option for requesting valve locking device;

— reduction of the permissible radial gap on end face flange interruptions to 0,8 mm;

— added provision for purchaser to request manufacturer to provide method for preventing excessive pressure when fluid is trapped in centre cavity between seats;

— expanded required information on identification tag to include separate trim and seat/seal materials. In addition, material for identification plate limited to stainless steel or nickel alloys;

— added requirement that thread sealant used on plugs for tapped auxiliary connections be capable of the fully pressure-temperature rating of the valve;

— added purchaser option to request export packaging;

— added purchaser option to request manufacturer identify recommended spare parts.

