SLOVENSKI STANDARD
SIST EN ISO 19879:2012

01-september-2012

Nadomešča:
SIST EN ISO 19879:2005
SIST EN ISO 19879:2005/AC:2009

Kovinski cevni priključki za fluidno tehniko in splošno uporabo - Preskusne metode za hidravlične omrežne priključke (ISO 19879:2010)

Metallic tube connections for fluid power and general use - Test methods for hydraulic fluid power connections (ISO 19879:2010)

Metallische Rohrverschraubungen für Fluidtechnik und allgemeine Anwendung - Prüfverfahren für hydraulische Rohrverschraubungen in der Fluidtechnik (ISO 19879:2010)

Raccords de tubes métalliques pour transmissions hydrauliques et pneumatiques et applications générales - Méthodes d'essai pour raccords pour transmissions hydrauliques (ISO 19879:2010)

Ta slovenski standard je istoveten z: **EN ISO 19879:2010**

ICS:

23.100.40	Cevna napeljava in sklopke	Piping and couplings

SIST EN ISO 19879:2012 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 19879

September 2010

ICS 23.040.60; 23.100.40

Supersedes EN ISO 19879:2005

English Version

Metallic tube connections for fluid power and general use - Test methods for hydraulic fluid power connections (ISO 19879:2010)

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

The text of ISO 19879:2010 has been prepared by Technical Committee ISO/TC 131 “Fluid power systems” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 19879:2010 by Technical Committee ECISS/TC EC110 “Steel tubes, and iron and steel fittings” the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by March 2011, and conflicting national standards shall be withdrawn at the latest by March 2011.

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The text of ISO 19879:2010 has been approved by CEN as a EN ISO 19879:2010 without any modification.

INTERNATIONAL STANDARD

ISO 19879

Second edition
2010-09-15

Metallic tube connections for fluid power and general use — Test methods for hydraulic fluid power connections

Raccords de tubes métalliques pour transmissions hydrauliques et pneumatiques et applications générales — Méthodes d'essai pour raccords pour transmissions hydrauliques

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 19879 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

This second edition of ISO 19879 cancels and replaces the first edition (ISO 19879:2005) of which it constitutes a minor revision, with minor changes to 10.1, 10.2 (Table 7) and 12.2.2. (It also incorporates the Technical Corrigendum ISO 19879:2005/Cor. 1:2007.)

Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. It is required that components be designed to meet these requirements under varying conditions. Testing of components to meet performance requirements provides a basis of assurance for determining design application and for checking component compliance with the stated requirements.