

SVENSK STANDARD

SS-ISO 4393:2015



Fastställt/Approved: 2015-09-21
Publicerad/Published: 2015-10-06
Utgåva/Edition: 2
Språk/Language: engelska/English
ICS: 23.100.20

**Hydraulik och pneumatik – Cylindrar – Slaglängder – Grundserie
(ISO 4393:2015, IDT)**

**Fluid power systems and components – Cylinders – Basic series
of piston strokes (ISO 4393:2015, IDT)**

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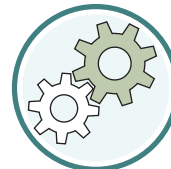
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Den internationella standarden ISO 4393:2015 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 4393:2015.

Denna standard ersätter SS-ISO 4393, utgåva 1.

The International Standard ISO 4393:2015 has the status of a Swedish Standard. This document contains the official English version of ISO 4393:2015.

This standard supersedes the Swedish Standard SS-ISO 4393, edition 1.

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Denna standard är framtagen av kommittén för Hydraulik och pneumatik, SIS/TK 106.

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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 131, *Fluid power systems*, Subcommittee SC 3, *Cylinders*.

This second edition cancels and replaces the first edition (ISO 4393:1978), which has been technically revised.

Introduction

In fluid power systems, power is transmitted and controlled through a fluid (liquid or gas) under pressure within a circuit. One component of such systems is the fluid power cylinder. This is a device which converts fluid power into linear mechanical force and linear motion. It consists of a movable element, i.e. a piston and piston rod, operating within a cylindrical bore.

