

SVENSK STANDARD

SS-ISO 16656:2017

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**Hydraulik – Inbyggnadsmått för cylindrar med kort slaglängd –
Serie 10 MPa (100 bar) med håldiameter från 32 mm till 100 mm
(ISO 16656:2016, IDT)**

**Hydraulic fluid power – Single rod, short-stroke cylinders with
bores from 32 mm to 100 mm for use at 10 MPa (100 bar) –
Mounting dimensions (ISO 16656:2016, IDT)**

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Den internationella standarden ISO 16656:2016 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 16656:2016.

Denna standard ersätter SS-ISO 16656:2004, utgåva 1.

The International Standard ISO 16656:2016 has the status of a Swedish Standard. This document contains the official English version of ISO 16656:2016.

This standard supersedes the Swedish Standard SS-ISO 16656:2004, edition 1.

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Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS Förlag AB, who can also provide general information about Swedish and foreign standards.

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

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

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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 16656:2004), of which it constitutes a minor revision.

Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit.

One component of such systems is the fluid power cylinder. This is a device that converts power into linear mechanical force and motion. It consists of a movable element, i.e. a piston and piston rod, operating within a cylindrical bore.

