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**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**

*Transmissions hydrauliques — Vérins course courte à simple tige,  
d'alésages 32 mm à 100 mm, pour utilisation à 10 MPa (100 bar) —  
Dimensions d'interchangeabilité*

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## Foreword

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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](http://www.iso.org/directives)).

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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.

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