



International
Standard

ISO 15524

**Pneumatic fluid power — Cylinders
— Single-rod short-stroke cylinders,
1 000 kPa (10 bar) series, bores
from 20 mm to 100 mm**

*Transmissions pneumatiques — Vérins — Vérins course courte à
simple tige, série à 1 000 kPa (10 bar), diamètres de 20 mm à 100
mm*

**Second edition
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Foreword

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This document was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 3, *Cylinders*.

This second edition cancels and replaces the first edition (ISO 15524:2011), which has been technically revised.

The main changes are as follows:

- Addition of [Annex A](#) to reflect the state of the art: in the current market, many cylinders of an external threaded rod end are available other than cylinders of an internal threaded rod end. Also, their standards are standardized in some countries. Therefore, the dimensions of an external threaded rod end were added to [Annex A](#) as reference.

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Introduction

In pneumatic fluid power systems, power is transmitted and controlled through a gas under pressure within a circuit.

One component of such systems is the pneumatic 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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