
**Pneumatic fluid power — Cylinders,
1 000 kPa (10 bar) series — Mounting
dimensions of rod-end clevises**

*Transmissions pneumatiques — Vérins, série à 1 000 kPa (10 bar) —
Dimensions d'interchangeabilité des chapes d'extrémité de tige*

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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).

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

This fourth edition cancels and replaces the third edition (ISO 8140:2009), which has been technically revised.

The changes compared to the previous edition are as follows:

- The normative references have been updated.
- [Figure 1](#) has been corrected, dimensioning of ER starts at the centerline of the hole in the right view.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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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