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Fluid power systems and components — Cylinders — Basic series of piston strokes

*Transmissions hydrauliques et pneumatiques — Vérins — Série de
base de courses de piston*



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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
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Foreword

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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 4393:1978), which has been technically revised.

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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.