

Hydraulic fluid power — Mounting dimensions for single rod cylinders, 25 MPa (250 bar) series

ICS 23.100.20

National foreword

This British Standard reproduces verbatim ISO 6022:2006 and implements it as the UK national standard. It supersedes BS ISO 6022:1981 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee MCE/18, Fluid power systems and components, to Subcommittee MCE/18/-/3, Cylinders, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to iv, pages 1 to 13 and a back cover.

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*Transmissions hydrauliques — Dimensions d'interchangeabilité des
vérins 25 MPa (250 bar) à simple tige*



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Foreword

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ISO 6022 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 6022:1981 and ISO 8137:1986), which have been technically revised.

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.