INTERNATIONAL STANDARD

ISO 16656

Second edition
2016-08-01

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

Reference number
ISO 16656:2016(E)

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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 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.