

Pneumatic fluid power — Cylinders — Load capacity of pneumatic slides and their presentation method

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National foreword

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO/TR title, pages ii to v, a blank page, pages 1 to 12, an inside back cover and a back cover.

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Pneumatic fluid power — Cylinders — Load capacity of pneumatic slides and their presentation method

*Transmissions pneumatiques — Vérins — Capacité de charge des
unités de guidage pneumatique et leur méthode de présentation*



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Foreword

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Introduction

In pneumatic fluid power systems, power is transmitted and controlled through a gas under pressure within a circuit. A pneumatic slide consists of a mounting surface for attaching a load, which is moved by an air cylinder and guided by stiff shafts to maintain alignment. There are limits to the amount of load that can be attached to a pneumatic slide, and these limits should be described as shown in this Technical Report.