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Pneumatic fluid power — Compressed air pressure regulators and filter-regulators —

Part 2:

Test methods to determine the main characteristics to be included in literature from suppliers

*Transmissions pneumatiques — Régulateurs de pression et filtres-
régulateurs pour air comprimé —*

*Partie 2: Méthodes d'essai pour déterminer les principales
caractéristiques à inclure dans la documentation des fournisseurs*



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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

This second edition cancels and replaces the first edition (ISO 6953-2:2000), which has been technically revised.

ISO 6953 consists of the following parts, under the general title *Pneumatic fluid power — Compressed air pressure regulators and filter-regulators*:

- *Part 1: Main characteristics to include in supplier's literature and product-marking requirements*
- *Part 2: Test methods to determine the main characteristics to be included in literature from suppliers*
- *Part 3: Alternative test methods for measuring the flow-rate characteristics of pressure regulators*

Introduction

In pneumatic fluid power systems, power is transmitted and controlled through a gas under pressure within a circuit.

When pressure reduction or pressure regulation is required, regulators and filter-regulators are components designed to maintain the pressure of the gas at an approximately constant level.

It is therefore necessary to know the performance characteristics of these components in order to determine their suitability in an application.