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Hydraulic fluid power — Electrically modulated hydraulic control valves —

Part 1:

Test methods for four-port directional flow-control valves

Transmissions hydrauliques — Distributeurs hydrauliques à modulation électrique —

Partie 1: Méthodes d'essai pour distributeurs de commande de débit à quatre voies



Reference number
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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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Contents

Page

Foreword	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms, definitions, symbols and units	2
3.1 Terms and definitions	2
3.2 Symbols and units.....	2
4 Standard test conditions	3
5 Test installation	3
6 Accuracy.....	5
6.1 Instrument accuracy	5
6.2 Dynamic range.....	5
7 Electrical tests for valves without integrated electronics.....	5
7.1 General	5
7.2 Coil resistance	5
7.3 Coil inductance — Optional test	5
7.4 Insulation resistance.....	7
8 Performance tests	7
8.1 Steady state tests	7
8.2 Dynamic tests	24
9 Pressure impulse test	29
10 Presentation of results.....	30
10.1 General	30
10.2 Test reports	30
11 Identification statement (Reference to this part of ISO 10770).....	31
Annex A (informative) Testing guidance	32

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10770-1 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 8, *Product testing*.

This second edition cancels and replaces the first edition (ISO 10770-1:1998), which has been technically revised.

ISO 10770 consists of the following parts, under the general title *Hydraulic fluid power — Electrically modulated hydraulic control valves*:

- *Part 1: Test methods for four-port directional flow-control valves*
- *Part 2: Test methods for three-way directional flow control valves*
- *Part 3: Test methods for pressure control valves*

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Introduction

This part of ISO 10770 has been prepared with the intention of improving the uniformity of valve testing and hence the consistency of recorded valve performance data so that these data can be used for system design, regardless of the data source.