INTERNATIONAL STANDARD

ISO 5209

Second edition 2019-08

General purpose industrial valves — Marking

Appareils de robinetterie industrielle d'usage général — Marquage

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO 5209:2019

https://standards.iteh.ai/catalog/standards/iso/2dad1ddf-4964-41e8-b066-b1b708fb2773/iso-5209-2019



iTeh Standards (https://standards.iteh.ai) Document Preview

ISO 5209:2019

https://standards.iteh.ai/catalog/standards/iso/2dad1ddf-4964-41e8-b066-b1b708fb2773/iso-5209-2019



COPYRIGHT PROTECTED DOCUMENT

© ISO 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Fax: +41 22 749 09 47 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Contents			Page	
Fore	eword		iv	
Intr	oductio	on	v	
1	Scop	9 e	1	
2	Normative references		1	
3	Terms and definitions		1	
4	Requirements		2	
_	4.1	General		
	4.2	Mandatory markings		
	4.3	Supplementary markings		
	4.4	Other markings		
	4.5	Omission of markings		
5	Details of markings		4	
	5.1	Nominal size	4	
	5.2	PN/Class designation	4	
	5.3	Material		
	5.4	Manufacturer's name or trademark		
	5.5	Arrow for direction of flow	5	
	5.6	Ring joint number		
	5.7	Maximum allowable temperature, TS	5	
	5.8	Threaded end identification		
	5.9	Maximum allowable pressure, PS		
	5.10	Product identification		
	5.11	Reference to standards		
	5.12	Melt identification		
	5.13	Trim		
	5.14	Service symbols		
	5.15	Internal coating, liner, lining or internal painting	5	
		Quality and test markings 22da41.ddf.4964.4168.b066.b1b708fb2773/iso-52		
	5.17	Inspector's identification		
	5.18	Year of manufacture		
	5.19	Flow coefficient		
	5.20	Allowable differential pressure, Δp		
	5.21	Closing direction	6	

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 153, Valves.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This second edition cancels and replaces the first edition (ISO 5209:1977), which has been technically revised. The main changes compared to the previous edition are as follows:

- the structure has been aligned with the current Directives, Part 2;
- <u>Clause 4</u> has been updated to give the requirements for mandatory, supplementary and other markings;
- in <u>Table 1</u>, item 20 "Allowable differential pressure", item 21 "Closing direction" and columns 3 to 5 have been added;
- a new <u>Clause 5</u> has been created to give details of marking.

Introduction

The purpose of this document is to establish some basic requirements for the marking of valves and to provide recommendations for additional markings.

This document is to be considered in conjunction with the requirements of International Standards applicable to specific types of valves or specific requirements agreed between the manufacturer and the customer.

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO 5209:2019

https://standards.iteh.ai/catalog/standards/iso/2dad1ddf-4964-41e8-b066-b1b708fb2773/iso-5209-2019

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO 5209:2019

https://standards.jteh.aj/catalog/standards/jso/2dad1ddf-4964-41e8-b066-b1b708fb2773/jso-5209-2019