
INTERNATIONAL STANDARD 5209

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

General purpose industrial valves — Marking

Appareils de robinetterie industrielle d'usage général — Marquage

First edition — 1977-08-01

UDC 621.646 : 381.822

Ref. No. ISO 5209-1977 (E)

Descriptors : valves and fittings, industrial valves, marking.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standard by the ISO Council.

International Standard ISO 5209 was developed by Technical Committee ISO/TC 153, *General purpose industrial valves*, and was circulated to the member bodies in May 1976.

It has been approved by the member bodies of the following countries :

Australia	India	South Africa, Rep. of
Austria	Italy	Spain
Belgium	Japan	Sweden
Canada	Mexico	Switzerland
Chile	Netherlands	Turkey
Denmark	New Zealand	United Kingdom
Finland	Norway	Yugoslavia
France	Philippines	
Germany	Poland	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

U.S.A.
U.S.S.R.

General purpose industrial valves – Marking

0 INTRODUCTION

The purpose of this International Standard is to establish certain basic requirements for the marking of valves and to give recommendations for additional information markings.

This International Standard has, in general, to be considered in conjunction with the specific requirements of International Standards for individual types of valves or any specific requirements which may be agreed between a manufacturer and a purchaser.

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies mandatory and optional markings of general purpose industrial valves and states the manner of applying the markings, i.e. on the body, on a flange, or on an identification plate. Markings on the body may be integral with the body or on a plate securely fixed to the body. The material of this plate, which is distinct from the identification plate mentioned above, and the method of fixing to the body will be specified in the International Standard for the individual type of valve.

2 PRODUCT CLASSIFICATION AND DESIGNATION

2.1 Requirements

As the physical size of a valve governs applicable marking practice, different requirements are specified for valves of large dimensions (DN 50 and above) and for those of smaller dimensions (smaller than DN 50).

2.2 Explanatory notes

2.2.1 The table lists those items which may be included in International Standards for individual types of valve.

2.2.2 International Standards for individual types of valve will list mandatory and optional markings and specify the position, viz. the body, flange, or identification plate, in which they are to appear.

2.3 Valves of DN 50 and above

2.3.1 Items 1 to 4 in the table are mandatory and shall be marked on the body of the valve.

2.3.2 Items 5 and 6 are mandatory only when so specified in the International Standard appropriate to the individual type of valve and are then to be marked on the body and flange respectively.

2.3.3 Items 7 to 19 are optional unless specified otherwise in the International Standard appropriate to the individual type of valve and may, when marked, be on the body or the identification plate.

2.4 Valves smaller than DN 50

The items which are mandatory will be defined in the International Standard appropriate to the individual type of valve, which will specify whether they are to be marked on the body or on the identification plate.