
International Standard



6554

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Flanged automatic steam traps — Face-to-face dimensions

Purgeurs automatiques de vapeur d'eau, à brides — Dimensions face-à-face

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Descriptors : safety valves, flanged valves, steam, traps, dimensions.

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 Standards by the ISO Council.

International Standard ISO 6554 was developed by Technical Committee ISO/TC 153, *General purpose industrial valves*, and was circulated to the member bodies in March 1979.

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

Australia	Germany, F. R.	South Africa, Rep. of
Belgium	India	Sweden
Brazil	Italy	Switzerland
Canada	Kores, Rep. of	United Kingdom
Chile	Netherlands	USA
Denmark	Norway	USSR
Finland	Poland	
France	Romanie	

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

Czechoslovakia
Japan

Flanged automatic steam traps — Face-to-face dimensions

1 Scope and field of application

This International Standard specifies face-to-face dimensions for a range of automatic steam traps used in flanged pipe systems.

These figures apply only to the steam traps themselves, and not to the whole assembly (accessories included) as installed in the pipeline.

2 Definitions

2.1 nominal size (DN)¹⁾: Numerical designation of size which is common to all components in a piping system other than components designated by outside diameters. It is a convenient round number used for reference purposes, and it is only loosely related to manufacturing dimensions. It is designated by the letters DN, followed by a number.

2.2 face-to-face dimension: The distance, expressed in millimetres, between the two planes, perpendicular to the trap axis, located at the extremities of the body end ports.

3 Dimensions

The six basic series of face-to-face dimensions for flanged automatic steam traps, expressed in millimetres, are given in the table for the nominal sizes ranging from DN 15 to DN 50 inclusive, and for pressures to PN 40 inclusive.

Table — Face-to-face dimensions

DN \ FTF series n°	1	2*	3	4*	5	6
15	150	170	210	230	290	480
20	160	210	230	310	380	580
(32)	230	270	320	350	450	680
40				420	490	
50				500	560	

* These two series apply only to models already existing.

NOTE — The nominal size presented between brackets in this table, (DN 32), is retained on a provisional basis and for a limited time.

1) In accordance with ISO 6708, at present at the stage of draft.

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