
International Standard



3583

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

Road vehicles — Pressure test connection for compressed-air pneumatic braking equipment

Véhicules routiers — Prise de pression pour installation de freinage pneumatique à air comprimé

Second edition — 1982-01-15

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[ISO 3583:1982](https://standards.iteh.ai/catalog/standards/sist/4f70b707-d752-490e-a7e0-a472934ed5a2/iso-3583-1982)

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Descriptors : road vehicles, pneumatic brakes, air brakes, pressure taps, tests, pressure measurement.

Price based on 2 pages

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 3583 was developed by Technical Committee ISO/TC 22, *Road vehicles*, and was circulated to the member bodies in December 1980.

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

Austria	Germany, F. R.	Romania
Belgium	Iran	South Africa, Rep. of
Brazil	Italy	Spain
Bulgaria	Japan	Sweden
China	Korea, Dem. P. Rep. of	Switzerland
Czechoslovakia	Korea, Rep. of	United Kingdom
Egypt, Arab Rep. of	Netherlands	USA
France	Poland	USSR

No member body expressed disapproval of the document.

This second edition cancels and replaces the first edition (i.e. ISO 3583-1975).

Road vehicles — Pressure test connection for compressed-air pneumatic braking equipment

1 Scope

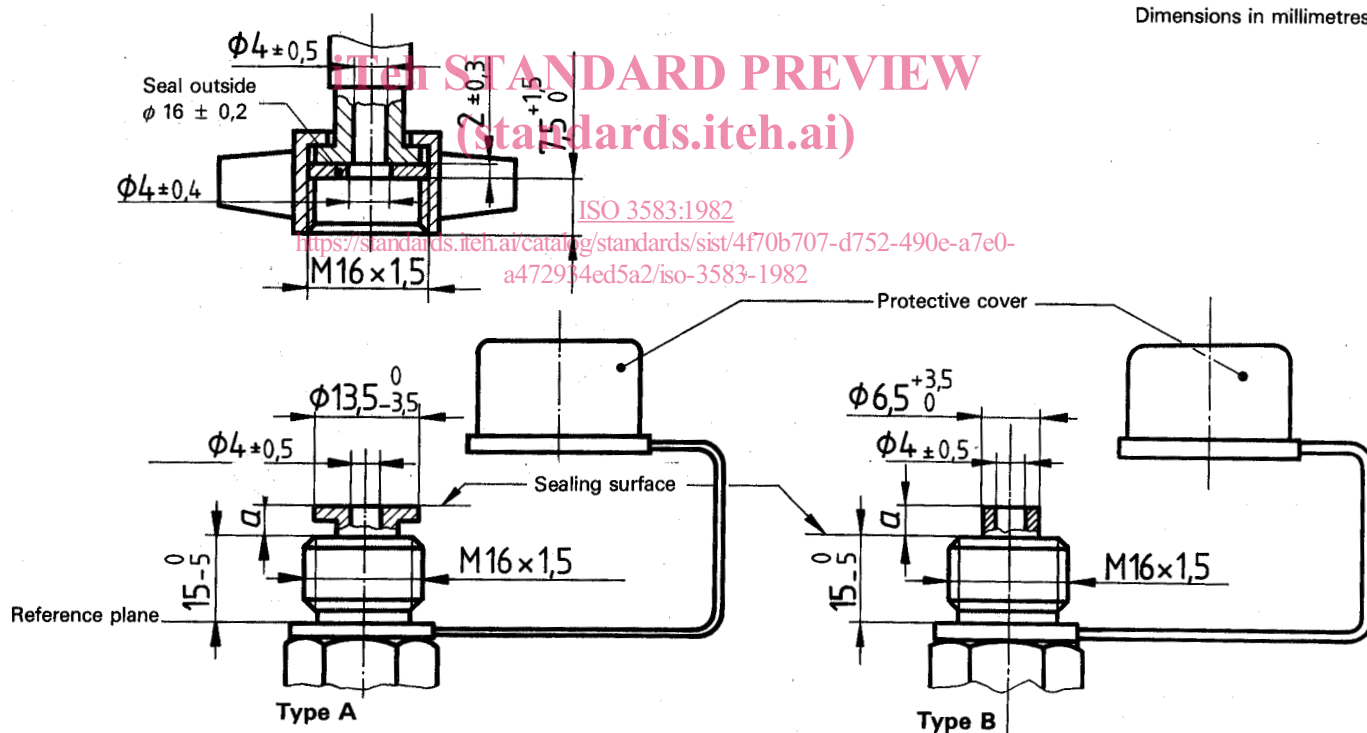
This International Standard specifies the main dimensional characteristics of a type of connection used for checking response times and pressure levels for compressed-air braking equipment fitted on road vehicles.

2 Field of application

This International Standard only applies to compressed-air pneumatic braking systems.

3 Dimensional characteristics of the connection

Dimensions in millimetres



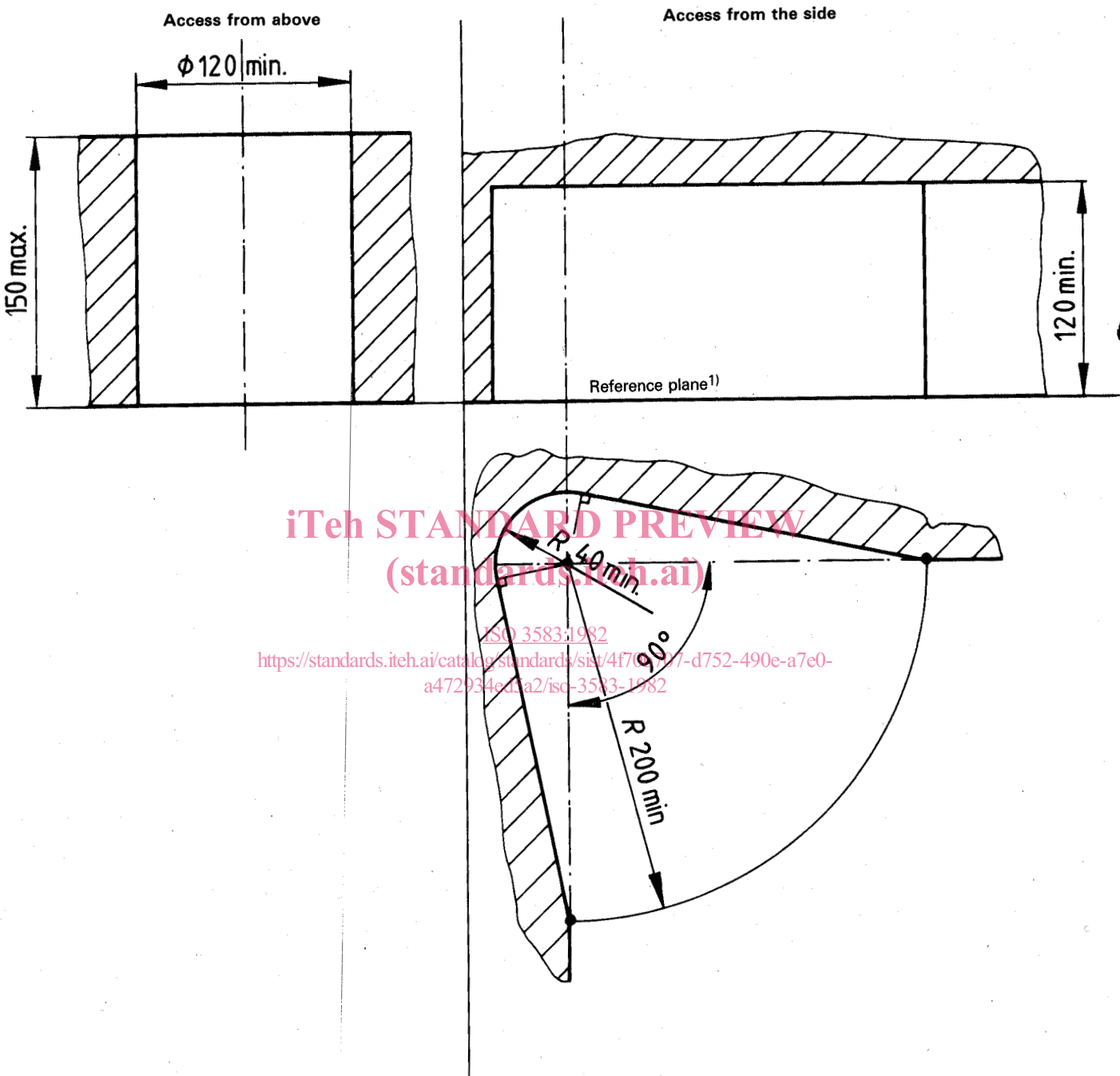
NOTE — These two valve types are absolutely interchangeable. Dimensions not specified are to be chosen according to the application. Seals and covers shall withstand petroleum products.

Type	Value of a valve closed	Opening travel	Opening force with 10 bar ¹⁾ internal pressure
A	5 mm max.	2 mm min.	20 to 200 N
B	2 mm min. 5 mm max.	$> a$	20 to 100 N

1) 1 bar = 10^5 Pa

4 Free space to be reserved around the pressure test connection

Dimensions in millimetres



1) Must coincide with the reference plane shown in figure of clause 3.