
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 — Raccords de contrôle de pression pour systèmes de freinage pneumatique à air comprimé

Third edition — 1984-12-15

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[ISO 3583:1984](https://standards.iteh.ai/catalog/standards/sist/02eeea2d-ca7c-4261-8df2-3629d78e4d36/iso-3583-1984)

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UDC 629.113-592.5 : 621.643.414

Ref. No. ISO 3583-1984 (E)

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

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. Every 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.

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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3583 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

ISO 3583 was first published in 1975. This third edition cancels and replaces the second edition, the following clauses of which have been revised technically:

- clause 4 (illustration deleted);
- new clause 6.

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

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1 Scope

This International Standard specifies the main characteristics of two types (A and B) of connections used for checking response times and pressure levels for compressed-air braking equipment fitted on road vehicles.

This International Standard also specifies the open space requirements that shall surround the pressure test connection and the protection against corrosion.

2 Field of application

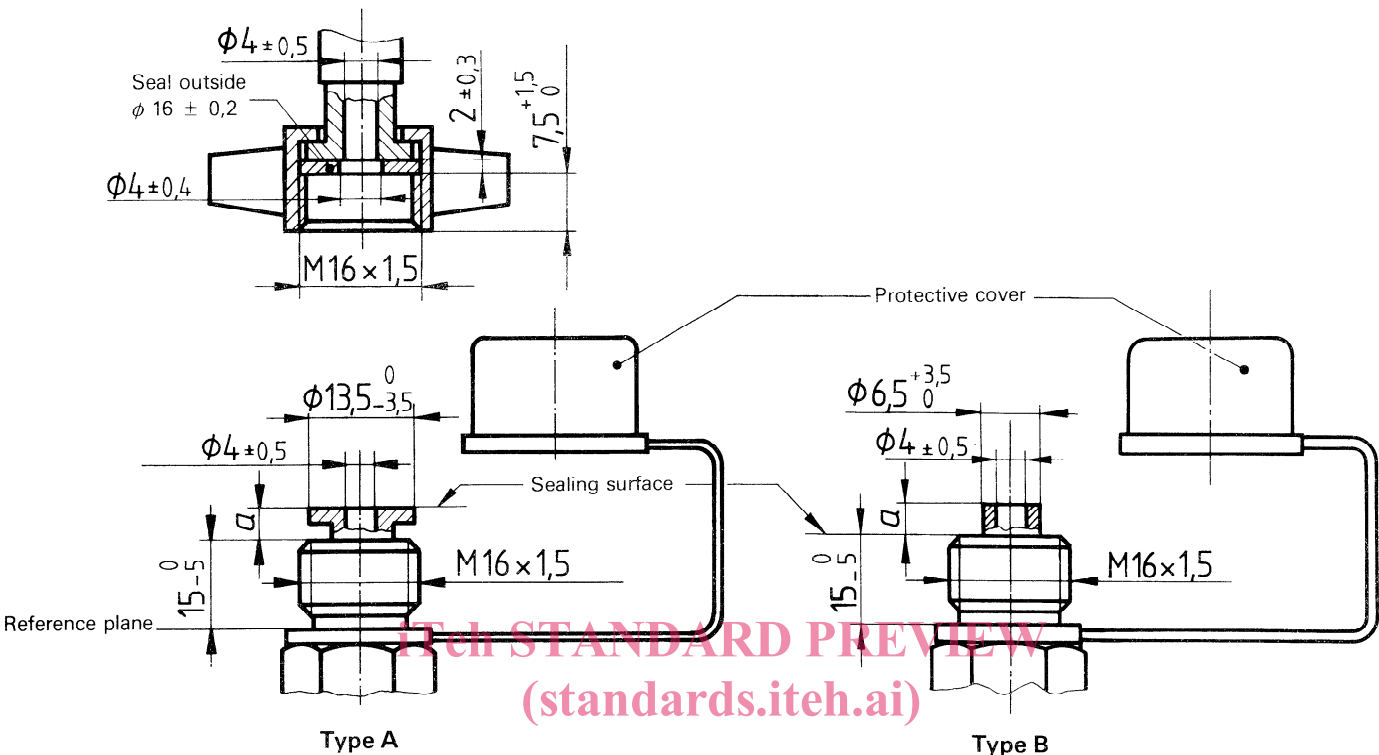
This International Standard applies to compressed-air braking systems.

3 Reference

ISO 3768, *Metallic coatings — Neutral salt spray test (NSS test)*.

4 Dimensional characteristics

Dimensions in millimetres



NOTES

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

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

1) 1 bar = 10⁵ Pa

Figure — Dimensional characteristics of the pressure test connection

5 Open space around the pressure test connection

The pressure test connections shall be easily accessible so that there is no danger of kinking the connecting pipe when connecting the mating part and no risk of injury to the inspector when making use of the pressure test connections.

6 Protection against corrosion

The pressure test connections shall be protected against corrosion and shall resist the salt spray test specified in ISO 3768 for at least 96 h.