INTERNATIONAL STANDARD 3803

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

Road vehicles — Hydraulic pressure test connection for braking equipment

Véhicules routiers — Prise de pression pour installation de freinage hydraulique

First edition — 1976-02-01

UDC 629.11.01-59

Ref. No. ISO 3803-1976 (E)

Descriptors : road vehicles, brake systems, hydraulic brakes, pressure taps, dimensions.

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 3803 was drawn up by Technical Committee ISO/TC 22, *Road vehicles,* and circulated to the Member Bodies in February 1975.

It has been approved by the Member Bodies of the following countries :

Australia	Finland	Netherlands
Austria	France	Romania
Belgium	Germany	South Africa, Rep. of
Brazil	Hungary	Spain
Bulgaria	Iran	Sweden
Chile	Italy	Switzerland
Czechoslovakia	Japan	Yugoslavia

The Member Body of the following country expressed disapproval of the document on technical grounds :

United Kingdom

Printed in Switzerland

Road vehicles — Hydraulic pressure test connection for braking equipment

1 SCOPE

This International Standard specifies the main dimensional characteristics of a connection used for checking response times and pressure levels for braking equipment fitted on road vehicles, with the exception of passenger cars and their derivatives.

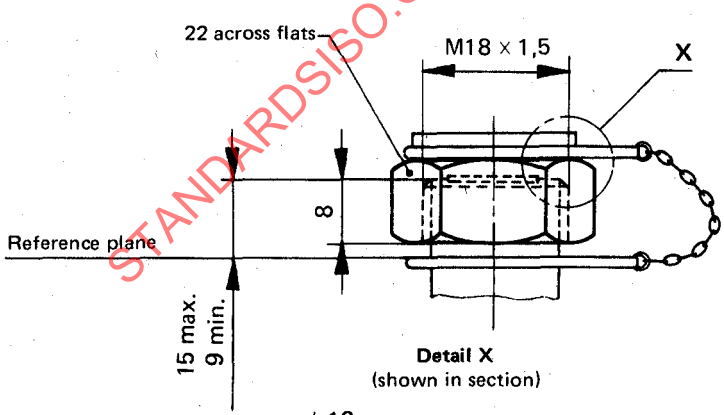
To ensure absolute freedom from leakage, and thus perfect functioning of the brake system, the pressure test connection must be so installed that it is possible to remove the sealing cap, connect the test apparatus and carry out the test required without subjecting the test point to additional torsion or bending stresses.

2 FIELD OF APPLICATION

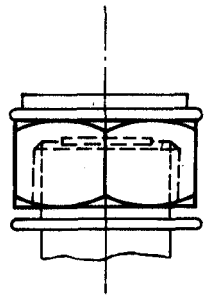
This International Standard only applies to hydraulic braking systems.

3 DIMENSIONAL CHARACTERISTICS OF THE CONNECTION

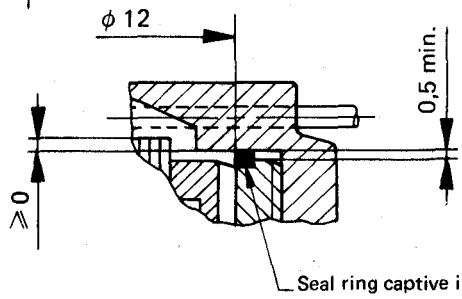
Dimensions in millimetres



Detail X
(shown in section)



Dimensions not specified are to be chosen according to the application.



Installation position

The connection thread for the test apparatus must be positioned above the brake-line connections (i.e. it must point upwards). The test connection can be located as required between the master and wheel cylinders.