

INTERNATIONAL  
STANDARD

ISO  
7612

Second edition  
1994-12-15

---

---

**Diesel engines — Base-mounted in-line fuel  
injection pumps — Mounting dimensions**

iTeh STANDARD PREVIEW  
(standards.iteh.ai)

*Moteurs diesels — Pompes d'injection en ligne à fixation  
par base plane — Dimensions de montage*

[ISO 7612:1994](https://standards.iteh.ai/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994)

<https://standards.iteh.ai/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994>



Reference number  
ISO 7612:1994(E)

## 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. Each 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7612 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 7, *Injection equipment and filters for use on road vehicles*. <https://standards.iteh.ai/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994>

This second edition cancels and replaces the first edition (ISO 7612:1983), to which have been added 10 and 12 cylinder pump dimensions in figure 1 and type 4 pumps (see figure 4).

Annex A of this International Standard is for information only.

© ISO 1994

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

# Diesel engines — Base-mounted in-line fuel injection pumps — Mounting dimensions

## 1 Scope

This International Standard specifies dimensional requirements for base-mounted in-line fuel injection pumps for diesel (compression-ignition) engines.

(standards.iteh.ai)

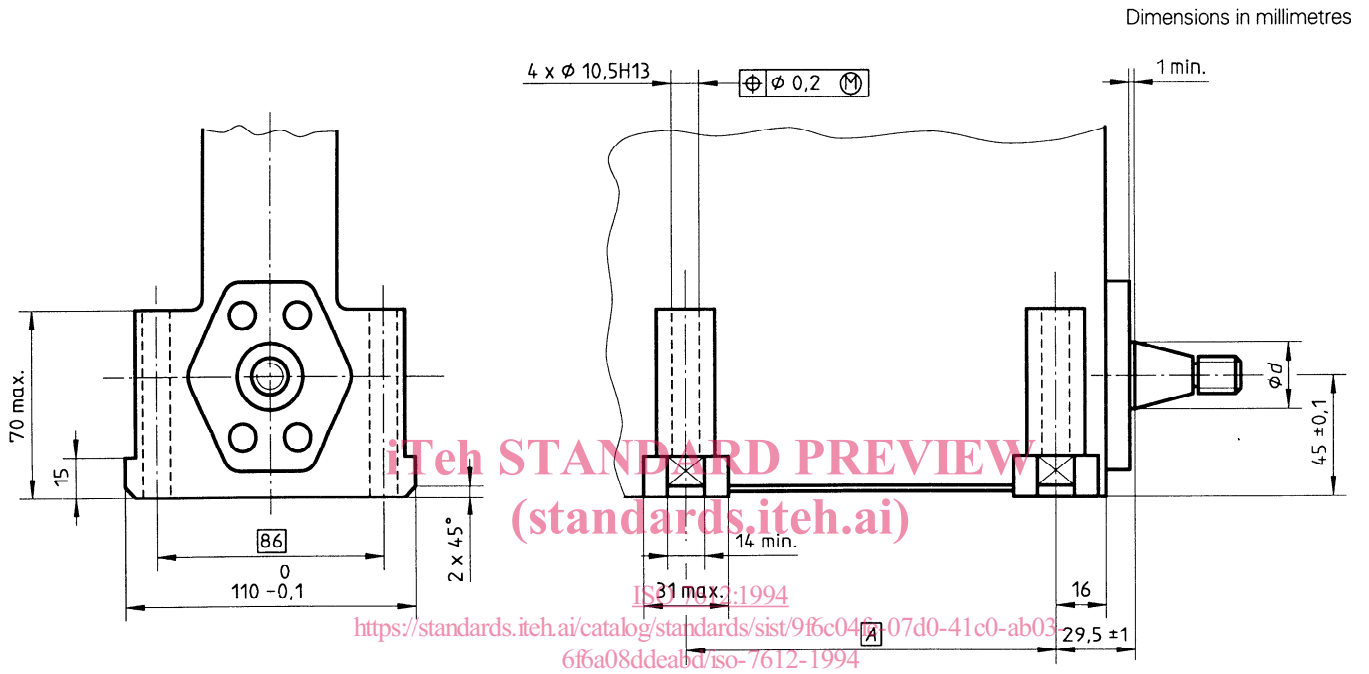
## 2 Dimensions and tolerances

ISO 7612:1994

Dimensions and tolerances are given in figures 1, 2, 3 and 4.

<https://standards.iteh.ai/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994>

Dimensions and requirements not given in this International Standard are left to the manufacturer's choice.

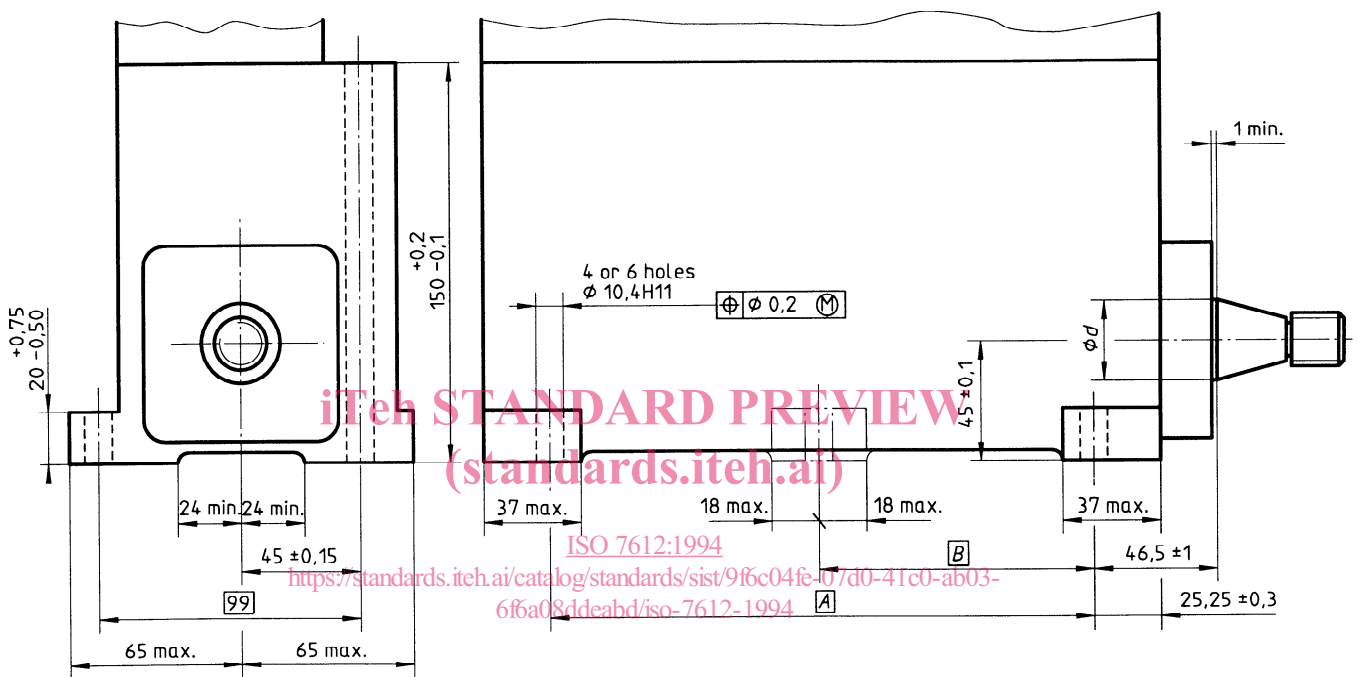


Number of cylinders	$d^{1)}$ nom.	A ref.
4	25 or 30	140
6		210
8		280
10		353
12		423

1) Corresponds to dimension  $d$  in ISO 6519.

Figure 1 — Base-mounted in-line fuel injection pump — Type 1

Dimensions in millimetres

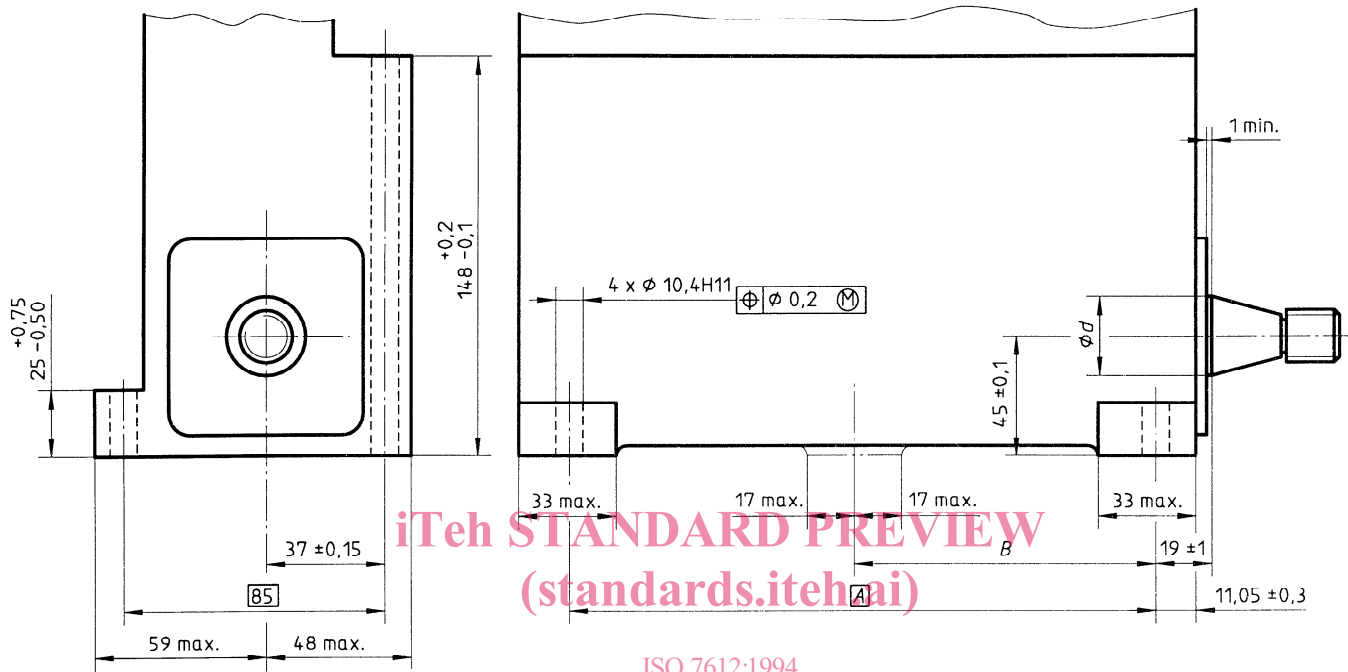


Number of cylinders	$d^{1)}$ nom.	A ref.	B ref.	Number of fixing holes
4	25	133,5	—	4
6		206	—	4
8	30	278,5	139,25	6

1) Corresponds to dimension  $d$  in ISO 6519.

Figure 2 — Base-mounted in-line fuel injection pump — Type 2

Dimensions in millimetres



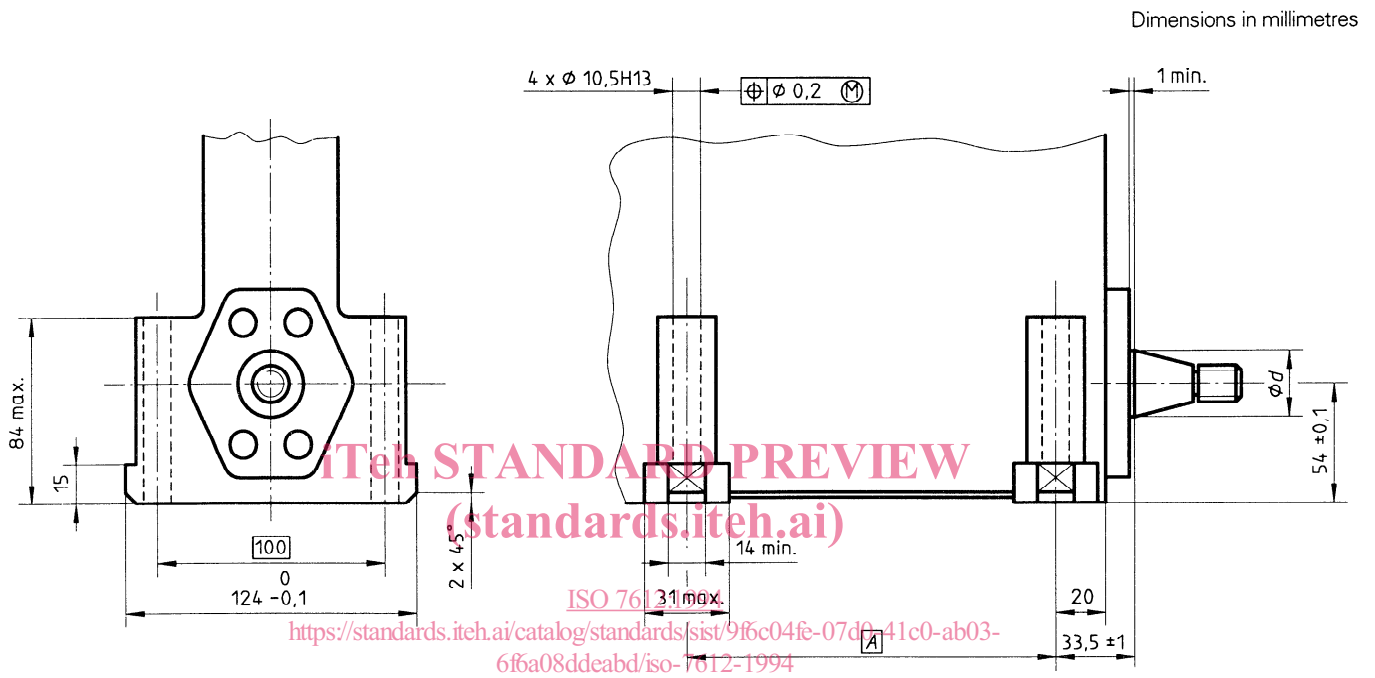
ISO 7612:1994

<https://standards.itehai.com/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994>

Number of cylinders	$d$ <sup>1)</sup> nom.	A ref.	B ± 0,25
4	25	154	—
6		218	—
8	30	302	151

1) Corresponds to dimension  $d$  in ISO 6519.

Figure 3 — Base-mounted in-line fuel injection pump — Type 3



Number of cylinders	d <sup>1)</sup> nom.	A ref.
4	30	132
6	or	202
8	35	272

1) Corresponds to dimension *d* in ISO 6519.

Figure 4 — Base-mounted in-line fuel injection pump — Type 4

## **Annex A** (informative)

### **Bibliography**

- [1] ISO 6519:1993, *Tapers for shaft ends and hubs for fuel injection pumps.*
- [2] ISO 7299:1984, *Road vehicles — End-mounting flanges for fuel injection pumps.*
- [3] ISO 7879:1990, *Road vehicles — Cradle-mounted in-line fuel injection pumps — Mounting dimensions.*

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 7612:1994](https://standards.iteh.ai/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994)

<https://standards.iteh.ai/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994>



**iTeh STANDARD PREVIEW**  
This page intentionally left blank  
**(standards.iteh.ai)**

ISO 7612:1994

<https://standards.iteh.ai/catalog/standards/sist/9f6c04fe-07d0-41c0-ab03-6f6a08ddeabd/iso-7612-1994>