
International Standard



7612

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

Base mounted in-line fuel injection pumps

Pompes d'injection en ligne à fixation par base plane

First edition — 1983-07-15

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[ISO 7612:1983](#)

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Descriptors : road vehicles, fuel pumps, injection pumps, mounting flanges, mounting surfaces, dimensions, dimensional tolerances, form tolerances.

Price based on 4 pages

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (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 authorized 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 7612 was developed by Technical Committee ISO/TC 22, *Road vehicles*, and was circulated to the member bodies in November 1981.

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

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

No member body expressed disapproval of the document.

Base mounted in-line fuel injection pumps

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1 Scope and field of application

This International Standard specifies dimensional requirements for base mounted in-line fuel injection pumps.

2 References

ISO 6519, *Tapers for shaft ends and hubs for fuel injection pumps.*

ISO 7299, *Road vehicles — End-mounting flanges for fuel injection pumps.*¹⁾

3 Dimensions and tolerances

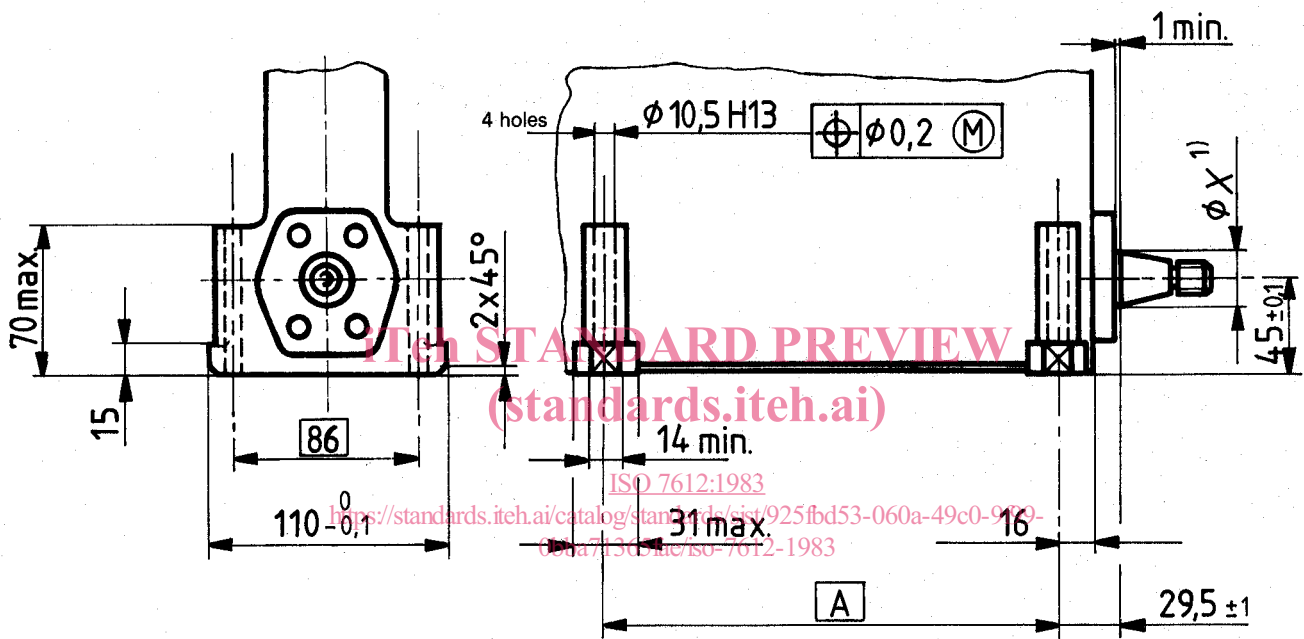
See figures 1, 2 and 3.

4 Other dimensions and specifications

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

1) At present at the stage of draft.

Dimensions in millimetres

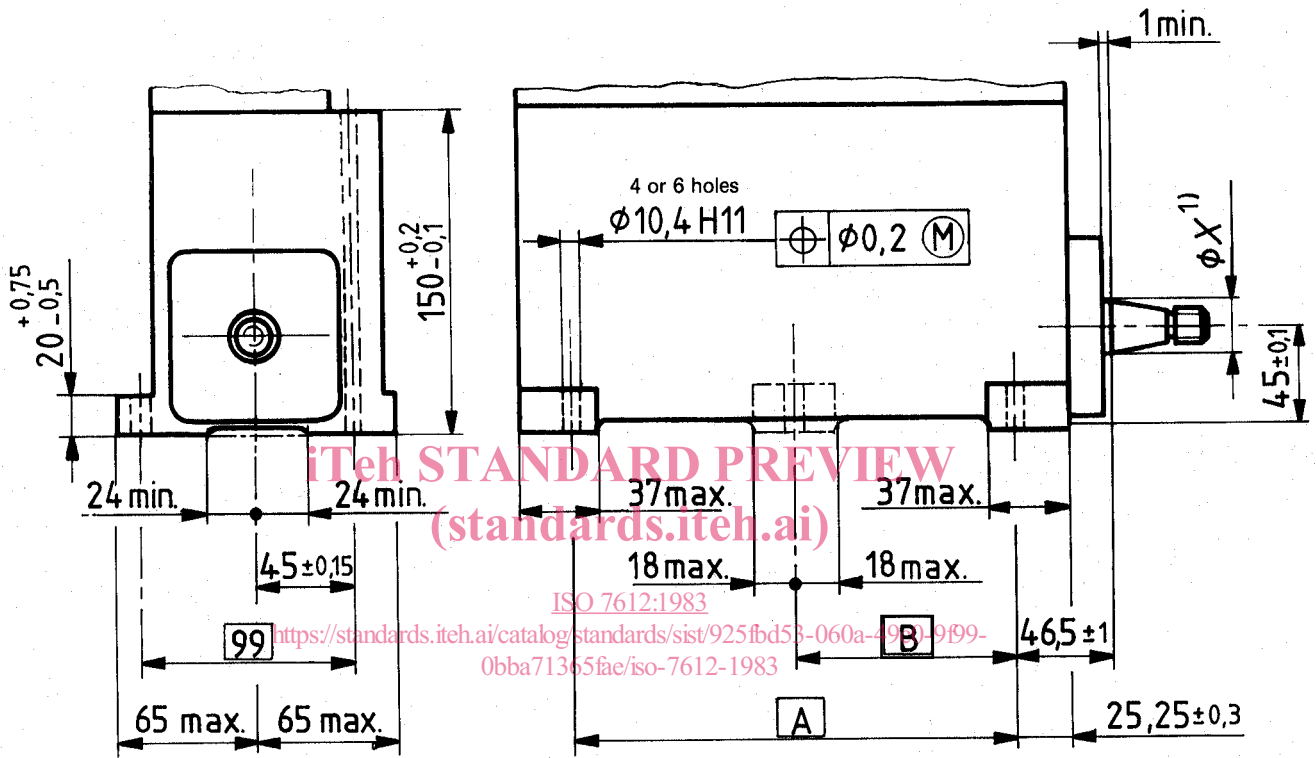


Number of cylinders	X ¹⁾ nominal mm	A mm
4	25	140
6	or	210
8	30	280

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

1) Dimension X corresponds to dimension A in ISO 6519.

Dimensions in millimetres

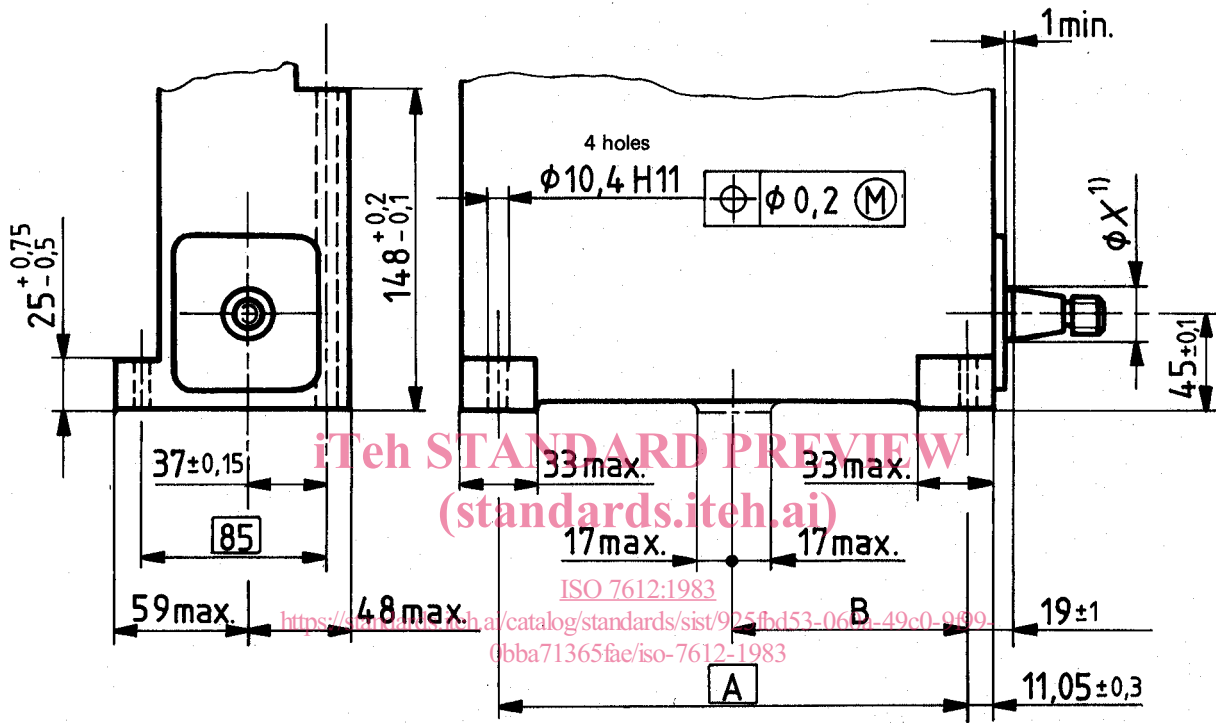


Number of cylinders	X ¹⁾ nominal mm	A mm	B mm	Number of fixing holes
4	25	133,5	—	4
6	or	206	—	4
8	30	278,5	139,25	6

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

1) Dimension X corresponds to dimension A in ISO 6519.

Dimensions in millimetres



Number of cylinders	X ¹⁾ nominal mm	A mm	B ± 0,25 mm
4	25	154	—
6	or	218	—
8	30	302	151

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

1) Dimension X corresponds to dimension A in ISO 6519.

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