
**Diesel engines — End-mounting
flanges for pumps —**

**Part 2:
High-pressure supply pumps for
common rail fuel injection systems**

Moteurs diesels — Brides de montage des pompes —

*Partie 2: Pompes d'alimentation à haute pression pour systèmes
d'injection de combustible à rampe commune*

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 34, *Propulsion, powertrain and powertrain fluids*.

This second edition cancels and replaces the first edition (ISO 7299-2:2009), which has been technically revised.

The main changes compared to the previous edition are as follows:

- three (3) further types of end-mounting flanges (types 8, 9 and 10) are added to the already existing seven (7) types of end-mounting flanges (type 1 to type 7).

A list of all parts in the ISO 7299 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Modern diesel engines for road vehicles have usually fuel injection systems based on the common rail principle. Such systems have a high-pressure fuel supply pump to supply the rail with highly pressurized fuel. To adapt the high-pressure pump to the engine it is recommended to use one of the mounting flanges for the pump end described in this document.

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