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**Automobiles—
Mechanical fuel pumps**

ICS 43.060.40

Descriptors : road vehicles, private cars, fuel pumps, diaphragm pumps, petrol engines, gasoline

Reference number : **JIS D 3601 : 1993 (E)**

D 3601 : 1993

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

Date of Establishment: 1957-03-29

Date of Revision: 1993-08-01

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In the event of any doubts arising as to the contents,
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Automobiles — Mechanical Fuel Pumps

1. Scope

This Japanese Industrial Standard specifies mechanical fuel pumps, hereinafter referred to as the “pumps” used for gasoline engines for automobiles, hereinafter referred to as the “engines”.

Remarks : Normative references are as follows :

JIS B 0203-Taper Pipe Threads

JIS B 0207-Metric Fine Screw Threads

JIS D 1601-Vibration Testing Methods for Automobile Parts

JIS K 2201-Gasoline for Industrial Purpose

JIS K 2202-Motor Gasoline

JIS K 2203-Kerosine

JIS K 6301-Physical Testing Methods for Vulcanized Rubber

JIS K 6328-Rubber Coated Fabrics

JIS Z 8401-Rules for Rounding off of Numerical Values

2. Definition

The meanings of the main terms used in this standard shall be as follows:

- (1) integrated pump A pump in which the body is assembled by caulking.
- (2) assembled pump A pump in which the body is assembled by screw joint.

3. Classification

Pumps shall be classified into integrated pumps and assembled pumps, and their types shall be as shown in Table 1 according to the size and maximum shut-off delivery pressure of the pump.