

KES

Standard Valuation of
Dependence in Radiator (Diesel)

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1. Scope of application

This standard shall regulate the Radiator for diesel automobile engine.

2. Purpose

The purpose of this standard shall provide methods in valuating of dependence in radiator for diesel engine to increase the designing qualities of motor from the beginning of mass production and development.

3. Shape

The shape may vary on different types of car due to the layout.

4. Endurance Dependence Test

4.1 Mechanical strength

4.1.1 Room temperature air tightness

(1) Condition for test

(a) Ambient temperature : Normal temperature

(b) Test pressure : 1.5 kg/cm² (Air pressure for a minute)

(2) Standard for evaluation

No water leakage on every parts of formation joints.

4.1.2 Repeats in inner-pressurization

(1) Condition for test

(a) Ambient temperature : Room temperature

(b) Circulation temperature : More than 80 °C

(c) Test pressure : 0~1.4 kg/cm²

(d) Pressure speed : 6 CPM