KES

Seat Arm Rest Strength Test

KES T – I 119

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Supplementary Provision

KIA MOTORS

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1. Scope of Application

This shall be applied to a seat equipped with an arm rest.

2. Purpose

The purpose of this standard shall be to evaluate the strength of a seat arm rest.

3. Evaluation Standard

The permanent deflection should be less than 20 mm.

4. Test Preparation

(1) Load device or push-pull gauge

(2) Pressing plate (ϕ 100 mm ; T-2 model)

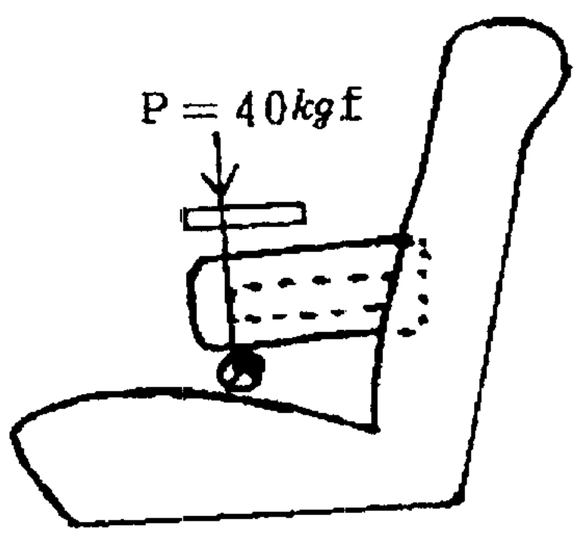
(3) Displacement measuring position

5. Test Condition

Item	Condition
Load position	Raise the corners of an arm rest and pressing plate.
Load direction	Vertical downward direction
Pressing model	T-2 pressing model (ϕ 100 mm)

6. Test Method

Lay an arm rest at the used condition and add the load of 40kgf (392 N) to the corner of the arm rest.



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