KES

High and Normal Temperature Durability Test on Brake Caliper Ass'y for Commercial Vehicles

KES T – L308

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1. Scope of Application

This shall apply to a truck and bus using a brake caliper ass'y.

2. Purpose

This shall be for the purpose of evaluating an oil pressure operation durability of a piston seal in a brake caliper ass'y at a high and normal temperature.

3. Standard of Evaluation

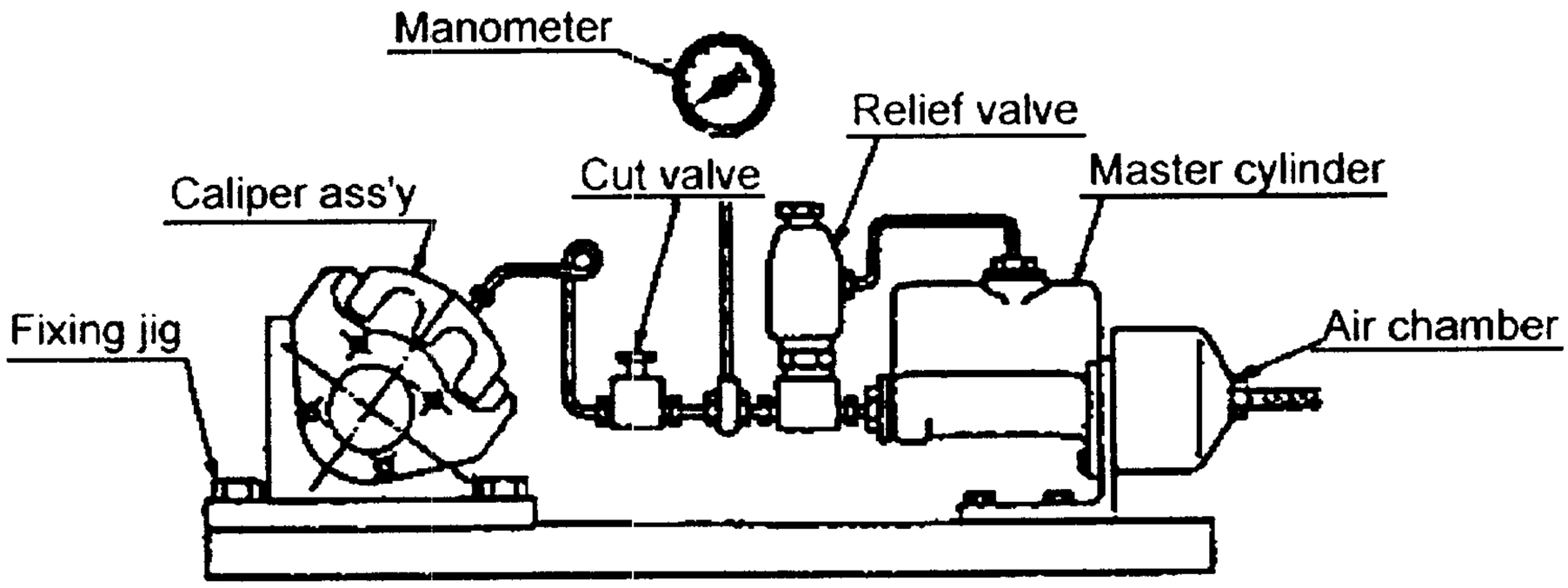
(1) After a test, investigate a piston seal, inner surface of a cylinder and piston. There should not be a fracture or crack deteriorating a function

(2) The numerical value should be satisfied.

4. Test Equipment

(1) Pressing equipment

This shall be an equipment pressing a caliper ass'y repeatedly and automatically and loading a pressure of 150 kgf / ㎠ at a stroke.



(2) Fixing jig

The fixing condition of a caliper ass'y should be equivalent to one of a vehicle at the point of location and fixing angle.

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