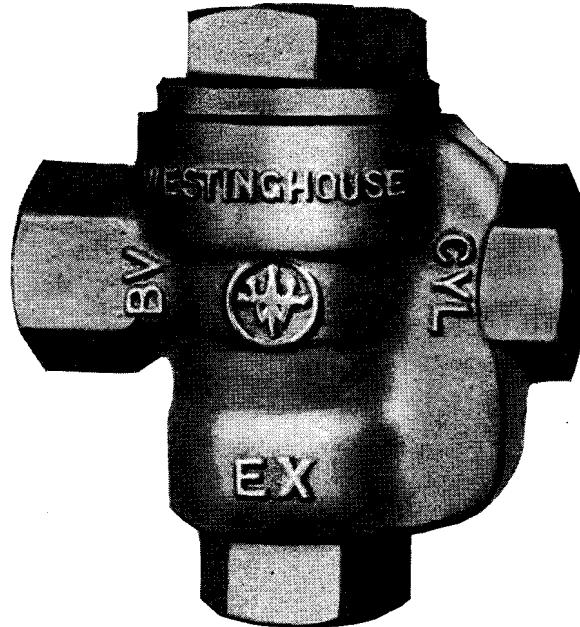




QUICK RELEASE VALVE

(Patent applied for)



When a rapid release is made, the Westinghouse Quick Release Valve opens to exhaust the air in the brake cylinder through a large port direct to atmosphere, but at all other times remains closed. The valve being, therefore, normally closed, it is impossible for the pressure in the brake cylinder to be lost while an application is being made. This is a valuable safety feature.

When a "graduated" release is being made, the quick release valve does not operate; gradual release of the brake is, therefore, under perfect control from the driver's brake valve.

Directly the driver's handle is placed in the full release position, the quick release valve opens and allows the brake cylinder air to discharge direct to the atmosphere. The valve recloses just before the brake cylinder piston has completed its release stroke, so that a cushion of air in the cylinder prevents the rigging releasing noisily.

The quick release valve thus combines silent operation with maximum safety and sensitive control.

MADE IN ENGLAND BY

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Works: CHIPPENHAM, WILTS.