

Driven half-coupling with grooves inclined relative to the rotational axis is located inside the brake drum, which has internal straight grooves parallel to the central axis of rotation of half-coupling; these grooves contain balls that rest against thrust ring and spring, wherein the position of brake drum is secured by two rings and screws on both sides relative to driven half-coupling. Driven half-coupling with inclined grooves is loosely mounted on the inner surface of brake drum and is automatically engaged with brake drum by balls, only during the lowering and stopping of loads, and is constantly supported by inner surfaces of locking side rings, which are rigidly connected to brake drum.