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The summary of the invention: the body is embraced by solenoid coils and is made of non-magnetic material.

Into the body is installed a ferromagnetic piston with the two working clamber formation. Three coils are installed on the body, have a common axle, and are connected between them according to the scheme "spider" or "triangle" and are connected to the alternating current three-phase network. To each coil in sequence is connected a uncontrolled diode. The piston is made of plane magnetic soft plates pressed in the plastic.