

The present invention can be used in measuring instruments, automatic control systems, monitoring systems, and other systems. The proposed magnetic motor contains a casing with permanent magnets, a rotor, which is installed at a shaft in the casing, and a fixed sleeve with permanent magnets, which covers the rotor. Between the permanent magnets of the casing and the permanent magnets of the sleeve, an annular air gap is provided. The rotor contains projections with ferromagnetic tips. At the tips, permanent magnets with a spherical outside surface are installed.