

**97-0148**

The invention relates to the engineering industry and may be utilized for pumps and compressors creation. The pump comprises a case (1) and a cover (4) with axial bearings (19, 20), two-chamber rotor (5), which divides the case (1) into the suction and pumping cavities. The pump shaft (16) is eccentrically placed relatively the rotor's axis of rotation and two eccentrics (14, 15) are fixed on it, moving the pistons (8, 9), installed into the rotor. The rotor is provided with flanges (10, 11) fixed on its edges with central openings, into which are adjusted the axial bearings (19, 20) with parts (21, 22).

The technical result of the invention consists in reducing the losses and wear of the pump's elements by improving the pump alignment.

Claims: 4

Fig.: 7