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The invention relates to the pump engineering, particularly to the vibrator pumps with electromagnetic drive and can be used for lifting of liquids from holes, wells and other sources.

The vibrator pump comprises a body, a piston made in the form of a flexible disk and connected by means of a rod to the electromagnetic vibrator, comprising a coil, an anchor, a yoke, an elastic shock-absorber having a profile effective member in the form of the body of revolution. Between the anchor and the yoke there is an air gap. The yoke and the anchor of the electromagnet have the same geometrical U-shaped form and the same sizes, the branching of the anchor are deepened into the coils at a depth of $\tau/2 - \delta$, wherein τ - is the length of the coils, δ - the value of the air gap.

The technical result consists in increasing the efficiency, in decreasing of the expended current and reducing the expenses of the active materials.

Claims: 1

Fig.: 4