

The invention relates to the hydraulic mechanical engineering, namely to the improvement of electric motors of the sealed electric pumps for liquid transfer.

The sealed electric pump contains a body 1, wherein there is placed with the formation of an annular discharge duct a stator 2, onto the face and inside of which there are coaxially installed thin-wall mufflers 3 and 4, the edges of which are placed beyond its bounds. Into the rotor cavity formed by the internal muffler 3 there is coaxially mounted a shaft 5, installed in bearing supports, each of which includes a bush 6 and an insert 7, at the same time onto the shaft 5 there is mounted a rotor 8 and an impeller 9. Novelty consists in that the bearing supports are placed in the rotor cavity so that the supports bushes 6 are rigidly installed into the internal muffler 3. The end insides of each bearing support are placed against each end of the rotor 8. The end faces of the bearing supports and the edges of the mufflers 3 and 4 are placed at the same level and are closed with covers 11. The cylindrical space formed between the mufflers 3 and 4 is deafened on both sides.

Claims: 1

Fig.: 1

