

A support bearing unit relates to the area of machine-building. To increase the carrying and damping ability of the unit, having the a housing with channels for feeding oil and with a discharge cavity, shaft, self-installing pads, those go round the shaft, with provided in the central part of the working surface of those radial opening and in the inlet and outlet edges – distribution channels, one of which, in the inlet edge, is connected through the channels in the body of the self-installing pad to the channels of feeding oil, and the other, in the outlet edge, is through, and is installed in parallel to the long axis of the bearing unit; fixing screws, oil-removing blades; the lower self-installing pad is made with larger circular length with respect to the two other self-installing pads.