

Abstract

Rotary piston compressor with
an axial direction of delivery

The rotary piston machine with an axial direction of delivery from the top downwards, in particular of screw spindle-type construction, with cooling ducts (12) for the motors (8), bearings (7) and sensors (9), through which ducts a cooling fluid flows, and with a cooling device for the pump space (3) is characterized in that the casing (2) of the pump space (3) has a closed annular space (15) which is partially filled with a liquid, which is cooled by the cooling fluid via heat exchanger surfaces (18).

Sole drawing