

ABSTRACT

METHOD FOR MANUFACTURING THE COMPONENT CONNECTING MOTOR
AND PUMP, IN PERIPHERAL ELECTRIC PUMPS, AND COMPONENT
THUS MANUFACTURED

The present invention relates to a method for manufacturing the component (1) connecting motor and pump, in peripheral electric pumps, and to the component
5 thus manufactured. The component (1) comprises a front part (2), which is located on the pump side and subject to the pumped fluid and made of brass (or bronze, stainless steel or other material), and also comprises a rear chamber (3) located on the motor side and made of
10 aluminium (or plastic or other material). The method for manufacturing the connecting component, in an embodiment, comprises the following operating stages: a first stage involving moulding of the front part (2) with a material such as brass, bronze, stainless steel, or the like; a
15 second stage involving pressure-casting with aluminium, plastic or the like, for the formation of the rear chamber (3); a third stage involving joining of the front part (2) with the rear chamber (3) by means of the insertion of studs (5), which are present in the front
20 part (2), inside corresponding holes (16) present in the chamber (3); a fourth stage involving riveting of the studs (15).

