

ABSTRACT

VACUUM PUMP

5 There is obtained a vacuum pump which suppresses an influence on external piping
caused by a contact failure of a rotor during rotation of the rotor. A temperature rise ring
301 is provided in the vacuum pump, an outlet port 133 to which the external piping is
connected is connected to the temperature rise ring 301, and a rotational force is directly or
indirectly applied to the temperature rise ring 301 due to the contact failure of the rotor during
10 the rotation of the rotor. In addition, a rotation suppression means (a hole 301a and a bolt
305) for suppressing rotation of the temperature rise ring 301 by the above-described
rotational force is provided separately from a connection portion between the temperature rise
ring 301 and a casing (outer tube 127a).

Figure 1