

ABSTRACT

VACUUM PUMP AND ROTATING BODY FOR VACUUM PUMP

5 A vacuum pump which can reduce a stress generated in a connected part between a rotating body and a rotating shaft is provided. A rotating body 103 is provided having rotor blades 102b, 102c provided on an outer periphery of a rotor-blade forming portion 217, and fastened to the rotor shaft 113 by a bolt 214, and rotatable with the rotor shaft 113. At least either one of a fitting hole portion 215 fitted with the rotating shaft 113 and a through hole portion 216, through which a bolt 214 penetrates, in the rotating body 103 is a stress-
10 reduction target portion, and a groove portion 218 that reduces stress generated in the stress-reduction target portion during rotation of the rotating body 103 is provided.

Figure 5