

ABSTRACT

DISPLACEMENT TYPE FLUID MACHINE

A displacement type fluid machine in which a displacer and a cylinder are disposed between end plates, a space is formed by an inner wall surface of the cylinder and an outer wall surface of the displacer when the center of the displacer is put on the center of the cylinder, and a plurality of spaces is formed when the positional relationship between the displacer and the cylinder is for a gyration, is restrained from deterioration of the efficiency. One of the end plates and a vane protruding inwardly from the inside surface of the cylinder are fixed to each other so as to restrain the deformation of the vane and decrease the leakage of a working fluid due to the deformation.

(Figure 17)