

DIAPHRAGM BELLOWS

ABSTRACT

In a diaphragm bellows, diaphragms (1) that follow one another are welded together alternately in a region of their inner edges (2) and in a region of their outer edges (3). The diaphragm bellows additionally has at least one guide part (5) for guiding on a surface of a rod (10) passing through an inner through-opening (11) in the diaphragm bellows or of a tube (18) surrounding the diaphragm bellows. The at least one guide part (5) is made of sheet metal and has a holding portion (6) which, in the case of guiding on a rod (10), is located, in a region of an outer edge (7), between adjacent diaphragms (1) of the diaphragm bellows and is welded to the adjacent diaphragms (1) and, in the case of guiding on a tube, is located, in the region of an inner edge (19), between adjacent diaphragms (1) of the diaphragm bellows and is welded to the adjacent diaphragms (1). The holding portion (6) is connected to a guide portion (9) for guiding on the surface of the rod (10) or of the tube (18).

(Figure 13)