Vehicle Restraint System

System VECU-STOP ® er 480



Description Installation Instructions List of Machines and Devices







It consists of 8 cylinders (1 and 2) of a diameter of 600 mm and a length of 4.84 m; the wall thickness of the cylinders however varies as follows:

Cylinders No. 1 + 2 + 8 = 3 mm wall thickness

Cylinders No. 3 + 4 + 5 + 6 + 7 = 4 mm wall thickness

The eight cylinders are bonded to each other via web plates. Cylinder No. 2 includes double pipe elements (3a) of 292 mm diameter and 2.5 mm wall thickness, cylinders 3 to 8 of 3.0 mm wall thickness (3). The double pipe elements are also bonded to each other via web plates (5) of 1.5 mm wall thickness. The double pipe elements (3 and 3a) are connected to the outer pipes (1, 2) via M 16 screwing. For the installation of the edge protection distance plates (7) are longitudinally arranged between the outer pipes.

A steel plate (9a) with horizontal webs is welded to the end of the cylinder row.

The entire construction has 6 feet serving as contact and sliding elements.

Depending on the restraint system "ADAPTER components" will be screwed or dowelled at the beginning of the following vehicle restraint systems. At the end of the cylinder row there is a steel plate with horizontal webs which is pushed into the box frame of the "ADAPTER component" also including horizontal webs on final installation. The denticulations are connected via horizontal webs with holes of \emptyset 35 mm toothed in such way using three socket pins of \emptyset 30 mm and 800 mm length.

Edges upwards projecting out of the outer pipes are mitigated with an edge protection.

All the construction parts are made of steel Stahl S 235 JR and hot-dip galvanized against corrosion through immersion into melted zinc according to ISO EN 1461.

For installation on concrete walls, anchor the "ADAPTER component" to the concrete wall via M 16 bolts; if installed on steel systems screw to the systems.







