

OSNA pressure boosting systems with vertical stainless steel centrifugal pumps Type VKI



- System with 1 to 4 pumps with frequency controller for each pump, installed in a control panel (on request: integrated frequency controller on each pump)
- Systems with other pump types and/or with other construction features are available on request, according to your individual specifications

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DEA 1 with one pump up to 4 kW

Performance data

- Q max. 20 m³/h
- H max. 10 bar

Application

For the pumping of clean and cold water for pressure boosting in residential buildings, industrial operations, carwash and municipal water supply

Construction

Pressure boosting system with one stainless steel vertical centrifugal pump

Electric equipment

Motor controller type MAI consists of a motor with integrated frequency controller. The PI-controller features exact and quick functional adjustment to changing operating conditions. The actual values can be read out from a clear text display, the desired values can be adjusted by means of the keypad.

Features

- fully programmable system
- Zero- value cut-off
- Monitoring of actual values
- Auto- start function
- Leakage control
- 24 h-short start operation
- Operating hour counter
- Line filter B

Pumps and control panel are mounted on a stainless steel frame with vibration absorbing feet. Each pump is equipped with a ball valve or butterfly valve on the suction side and with a check valve on the discharge side. Fittings as well as suction- and discharge pipes are made of stainless steel. The expansion vessel with approval for drinking water is made of lacquered steel, the flow assembly is made of red bronze.

Special constructions are available.

DEA 1-4 with one to four pumps

Performance data

- Q max. 80 m³/h
- H max. 10 bar

Application

For the pumping of clean and cold water for pressure boosting in residential buildings, industrial operations, carwash and municipal water supply

Construction

Pressure boosting system with one to four stainless steel vertical centrifugal pumps

Electric equipment

Multifunctional frequency controller Type MAS2 with PI- controller for exact and quick functional adjustment to changing operating conditions. The actual values can be read out from a clear text display, the desired values can be adjusted by means of the keypad. All pumps in the system are connected to the controller.

Features

- fully programmable system
- Zero- value cut-off
- Monitoring of actual values
- Auto- start function
- Leakage control
- 24 h-short start operation
- Operating hour counter
- Line filter B
- Alternating pump operation



DEA 1 with one pump up to 4 kW



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