

## Technical Datasheet

### Chemical Pump Unit "OTG.45.4.CIRK.EXD.SS316"

#### Introduction

The unit is driven by a 400V, 15 kW, EXD electrical motor, fitted to a 900 l/min stainless SS316 steel vertical centrifugal pump.

The high-pressure series are part of a multi-purpose pump range suitable for a variety of different applications demanding both reliable and cost efficient supply.

This unit is capable of operating with pipe dimensions from 1.5" and upwards and can handle a variety of liquids from potable water to industrial liquids within a widespread temperature, various flow conditions and pressure scales.

For industrial use the unit is excellent for circulating different fluids in all kinds of process systems such as, but not limited to, pipe- & tank systems, heat exchangers, coolers (plate & tube bundles) etc.

The (special) design ensures a wide pressure range. It is fitted with a high-pressure shaft seal suitable for the most common high-pressure applications.

ATEX marking:  II 3 G IIB T3 / ZONE 2

OTS item number.: 9000-473



#### Features

- Skid mounted and framed in stainless SS316 steel
- Various pressure and flow options
- Suction strainer
- Fork lift facility

#### Safety features

- Water resistant documentation box
- Gauge for pressure control
- Stainless SS316 steel drip trays fitted as standard
- CE marked in accordance with the Machinery Directive and the ATEX Directive

#### Capacity & performance

0-6 bar pressure	Flow rate 900 l/min
7 bar pressure	Flow rate 800 l/min
8 bar pressure	Flow rate 675 l/min
9 bar pressure	Flow rate 550 l/min
10 bar pressure	Flow rate 300 l/min

#### Weight & dimensions

Length	1120 mm
Width	900 mm
Height	1785 mm
Gross weight	475 kg