

Technical datasheet

Chemical/Acid Pump "OTS.150.110.ACID.EXD.II"

Introduction

The unit is driven by a 400V, 37 kW, 50 Hz EEx-d electrical motor, fitted to a stainless steel SS316 high pressure triplex piston pump.

The unit is excellent for pumping "on-line" water solution including 5% to 34% hydrochloric acid into a variety of different process systems such as, but not limited to, descaling of calcium carbonates or barium sulphate in hydro-cyclones-, water injection-, crude-oil systems and separators.

The unit is simple to operate with soft touch buttons on the control panel for variable motor speed and flow applications through an electrical converter.

ATEX marking:  IIB Eexp T3 / ZONE 2

OTS item number.: 9000-288



Features

- Integrated flow meter for observing the actual flow and total pumping quantity.
- Forklift facility
- Skid mounted and framed In stainless steel SS316

Capacity & performance

140 bar pressure	Flow rate 10 - 30 l/min
135 bar pressure	Flow rate 40-100 l/min
120 bar pressure	Flow rate 120 l/min
100 bar pressure	Flow rate 140 l/min
Max pressure	140 bar
Max inlet pump pressure	2.5 - 6 bar
Max pump speed	750 rpm
Max viscosity	15 cSt

Safety features

- Stainless steel SS316 drip trays fitted as standard
- Gauges for pressure control
- Sealed and calibrated safety valve
- Air pressurized enclosure type "pz" with ESD system.
- Marking: CE - Ex II 3 G, IIC T4

Weight & dimensions

Length	1500 mm
Width	1100 mm
Height	1800 mm
Gross Weight	1340 kg