

Technical datasheet

Transfer pump unit “OTS.370.AIR.SS316”

OTS ID.: 9000-228
9000-291
9000-292
9000-330

Introduction

The diaphragm pump unit is powered by compressed air and is a 1:1 pressure ratio design. The diaphragm pump operates under balanced conditions during the discharge stroke, which allows the unit to be operated at discharge heads over 75 meters of water head.

The pump is non-metallic and all seals and ball valves are made of Teflon overlay, which makes the pump excellent for operating with all kinds of high or low viscosity oils, acids and chemicals.

The (special) design ensures that the flow variation range is controlled by an air pressure regulating valve and an air/water separator including injection of lubrication in the air flow, which secures a safe, reliable and efficient supply of liquid.



Features

- Variable controlled flow conditions
- Variable controlled pressure options
- Air/water separation is fitted as standard
- Lubrication injection of air valve is fitted as standard
- Skid mounted and framed in Stainless 316 steel

Capacity & performance

| | |
|------------------------------|----------------------------|
| Max fluid pressure | 8,3 bar |
| Max suction lift | 5,48 meter. wet/dry |
| Air pressure operating range | 1,4 - 8,3 bar |
| Max air consumption | 3,47 N m ³ /min |
| Max operation temperature | 65,5° C |

Safety features

- Gauge for pressure control
- Safety valve on air inlet to prevent Overpressure is fitted as standard
- Hydrochloric acid above 40% concentration should not be pumped with this unit.

Weight & dimensions

| | |
|--------------|--------|
| Length | 620 mm |
| Width | 440 mm |
| Height | 650 mm |
| Gross Weight | 60 kg |