

Technical datasheet

Transfer Pump "OTS.60.AIR VA15"

OTS ID.: 9000-312, -313, -314
-315, -316, -317, -362

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 is fitted as standard
- Skid mounted and framed in stainless steel

Capacity & performance

Max. working pressure	7 bar
Max. Suction lift (water)	7,6/4,5 m. wet/dry
Air pressure operating range	1,8 - 7 bar
Max. air consumption	0,793 N m ³ /min
Max free flow delivery	57 l/min
Max. 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% concentrate should not be pumped with this unit.

Weight & dimensions

Length	300 mm.
Width	260 mm.
Height	450 mm.
Gross Weight	10 Kg.