

Technical datasheet

Hydraulic Hose Flushing unit `OTS.32-2-2.CIRK.SS304`

Introduction

The OTS oil flushing unit is built for flushing of hydraulic hoses with various dimensions from ¼” to 1½” providing turbulent flow conditions with a RE > 3000 with a maximum length of 1,5 meter. The maximum capacity is 6 hoses at the same time. All piping, oil reservoir and framework built in stainless SS304 steel. The pump has a capacity at minimum 500 l/min and is integrated with a 400 V, 3kW,50Hz and 290 rpm electrical motor.

The unit has integrated safe and easily handled multi return manifold, able to grip all return hoses in one easy operation. Furthermore, the manifold ensures that potential oil spills stay at a minimum.

The unit is fitted with an on-line particle monitoring display, which indicates the level of cleanliness according to ISO 4406 class. The unit is capable to provide a level of cleanliness better than ISO 4406 class 16/14/11.

Moreover, the unit is fitted with an optional pre-filtered air purge system for removing the residual oil. The unit is very easy to clean and maintain because of stainless steel framework.

OTS item number.: 10000-6935



Features

- Low level alarm.
- High oil temperature alarm.
- Alarm for blocking of filter.
- Suction strainer is fitted as standard.
- Drip tray in the pump cabinet.

Capacity & performance

Flow capacity	500 l/min at 2 bar
Flow capacity	250 l/min at 3 bar
Filter element	20” 3 μ flush- & off-line filter
Tan capacity	800 l

Safety features

- Lit with safety window, the unit is not able to run with open lit.
- Security switches are installed to the lit and pump cabinet.
- Gauges for pressure control.

Weight & dimensions

Length	1900 mm
Width	800 mm
Height	1660 mm
Gross Weight	N/A