

Technical datasheet

High Flow Oil-flushing Unit
"OTG.200.200.7.ACMU.EXDSS316"

OTS ID.: 9000-447

Introduction

The unit is driven by two 400 V, 15 kW, 50 Hz, EXD electrical motors. Each connected to a pump with a circ flow of app 200 l/min at 35 bar, and one 3 kW electrical motor, fitted to a vane pump with a circular flow of 7 l/min at 150 bar, which generates a pulsation effect with up to 800 l/min.

The unit can operate with pipe dimensions from 1" to 4" depending on fluid viscosity and temperature, ensuring a pipe system cleanliness level better than ISO 4406 14/11 or AS4059 Class 5 (NAS 1638 Class 5).

The pulsation is generated through a 10-l accumulator which is pressurized through the 7 l/min, 150 bar vane pump. The high pressure from the accumulator is then automatically periodically released to the low pressure flushing circulation, which generates a very high turbulent pulsed flow. The pulsations are particularly an advantage in systems with high differential pressure. The starter panel is fitted with on/off push buttons, on/off light indications, emergency stop and 10 meter connecting cable with 63A electrical plug.



Features

- Skid mounted and framed in stainless SS316 steel.
- Forklift facility.
- Variable temperature and pressure options.
- Visual differential pressure indicator on the filters.
- By operating one pump through the relief valve the unit can generate 6 kW heating capacity.
- 1½" BSP Hose connections
- The unit is approved for operation in Zone 2 gas areas

Capacity & performance

Cirk flow rate	0-450 l/min at 35 bar
Pulsation flow	Up to 800 l/min/150 bar
Tank capacity	500 l
Oil temperature	0-65 °C
Filter capacity	100 μ strainer & 3 μ B 200

Safety features

- Strong protective frames.
- Drip tray fitted as standard with drain facilities.
- Adjustable relief valves for all pumps.
- The unit is not suitable for using water-based fluids.
- Low level alarm is mounted in reservoir.
- High oil-temperature-switch

Weight & dimensions

Length	1250 mm
Width	1650 mm
Height	1750 mm
Gross Weight	949 kg



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