

Technical datasheet

Filter Unit "OTG.16.502.Flushing Unit

OTS ID.: 9000-494

Introduction

The filter unit is mounted with a diaphragm pump powered by compressed air and is 1:1 pressure ratio design.

The pump is non-metallic and the diaphragms, balls, ball seats and O-rings are made of Teflon, Polypropylene and Viton, which makes the pump excellent for operating with all kinds of high or low viscosity oils.

The filter unit is used mainly for offline filtration of hydraulic and lubrication oil systems
The unit can manage to provide a cleanliness level better than ISO 4406 16/14/11 or AS4059, Class 5 (NAS 1638 Class 5)

ATEX marking:  II 3G c IIB T4



Features

- Variable flow and pressure options
- Integration of oil sample valve
- Articulated wheels mounted for site mobility
- Stainless SS316 steel frame, piping and drip trays is fitted as standard

Safety features

- Safety valve on air inlet to prevent overpressure is fitted as standard
- Fitted with pressure gauge for pressure control
- CE marked in accordance with the Machinery Directive and the ATEX Directive

Capacity & performance

Max. head*	70m
Max. flow rate*	650l/min
Max. self-priming capacity	4 m
Max. air supply pressure	7 bar
Max. Air consumption (by 150 l/min)*	13800 NI/min
Max. temp.	65° C
Intake / delivery connections	1½" BSP
Air connection / Quick connection	CEJN 446 ½" male

Weight & dimensions

Length	1350 mm
Width	730 mm
Height	1180 mm
Gross Weight	170 kg

*The performance values refer to pumps with submerged suction and free delivery outlet with water at 20°C, and vary according to the construction material