



IKM Ocean Team AS

Technical datasheet

OTS.HP-Intelligent Valve Controller. EXD

OTS ID.: 9000-021

Introduction

The unit is suitable for on-line pressurized pulsed flushing applications in static hydraulic systems with high pressure (up to 400 bar). An example of these systems could be, but not limited to, wellhead hydraulic control systems, ESDV (Emergency Shut Down Valve systems) and hydraulic choke systems.

Flushing on-line means that all static hydraulic systems can be cleaned by turbulent flow with a Reynolds number > 3000, without shutting down the hydraulic system, avoiding any production loss caused by the oil flushing. This is an essential advantage compared to conventional oil flushing procedures.

The unit is controlled by a 230 V exd solenoid valve and therefore, also suitable for use in Zone 2 areas.

A patent is applied for the system described above.

ATEX marking:  II 2 G IIB T4 / ZONE 2



Features

- Pressure monitoring.
- Stainless SS316 strong protective frame.
- Articulated wheels mounted for site mobility.
- Drip trays fitted as standard.
- Variable pressure options.

Capacity & performance

Flow capacity	0-40 l/min.
Max pressure	400 bar
Filter element	3 μ B 200
Max temperature	75°C

Safety features

- Zone II area classification.
- The unit has been tested and is quarantined to be strict accordance with all specifications forming
- Performance test has been carried out accordance with the requirements.

Weight & dimensions

Length	620 mm
Width	470 mm
Height	1270 mm
Gross weight	75 kg