

Technical datasheet

Oil Cooler Flushing Unit "OTS.3X100.ACMU"

OTQ

Introduction

The effectiveness of the flushing method is that the oil flushing is carried out by PLC-controlled fluctuations, pulsating the oil through three oil- coolers/exchangers at the same time.

Each cooler/exchanger is flushed with automatic circulation added with high flow pulsations and flow direction change. The pulsation pressure is adjustable to meet the requirements of the specific oil- cooler/exchanger, which enables the possibility of pressure testing the oil cooler/exchanger.

The unit is driven by a 3 x 400 V, 3,0 kW, 1400 rpm electrical motor.

A 6 my Beta 200 pressure filter is installed in front of the oil cooler/exchanger and a 50 my stainless steel SS316 strainer is connected in line with a 39" 3 my Beta 200 return filter which ensures a level of cleanliness better than ISO 4406 Class 16/14/11 or AS4059 Class 5 (NAS 1638 Class 5.)



OTQ item number.: 1000-11145

Features

- Skid mounted and framed in painted strong carbon steel.
- Main system pressure gauge and pressure gauge to each cooler/exchanger.

Capacity & performance

Cirk flow rate	3 x 22 l/min
Pulsation flow rate	3 x 100 l/min
Oil reservoir capacity	200 l
Max Oil temperature	50 °C
Max working pressure	20 bar

Safety features

- Main safety valve set to 20 bar.
- Stainless SS316 steel drip trays fitted as standard.
- Adjustable pressure relief valve for each cooler/exchanger.
- Automatic monitoring device for indication of temperature, low oil level and high filter differential pressure.

Weight & dimensions

Length	1300 mm
Width	1100 mm
Height	1950 mm
Gross Weight	430 kg / tare 230 kg