IKM Ocean Team AS

Technical datasheet

Flush Unit "OTS.3X700.ACMU.SS316" OTS ID.: 9000-020

Introduction

The effectiveness of the flushing method is that the flushing is carried out by PLC-controlled fluctuations, pulsating the mineral oil based flushing fluid through three flushing stations/operators at the same time, with six hoses looped together at each station. Each flushing loop is flushed with automatic circulation added with high flow pulsations, integrated air vibrations/cavitations and flow direction change. The pulsation pressure is adjustable for obtaining the specific pressure drop of various hoses from ¾"- 2½"ID.
The unit is driven by 3X400V, 5.5 kW, 2900 rpm electrical motor.
After completion of the flushing cycle the unit has an integrated manual air purge system for emptying the loops.
A 3 μ β 200 pressure filter is installed in front of the flushing loop. Furthermore a 50 μ stainless SS316 steel strainer is connected in line with a 39", 3 μ β 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).

Features

- Skid mounted and framed in strong Stainless steel SS316.
- Main system pressure gage to each flushing loop.

Safety features

- Adjustable pressure relief valve for each flushing loop.
- Stainless SS316 steel drip trays fitted as standard.
- Automatic monitoring device for indication of, low oil level and high filter differential pressure.
- Adjustable air pressure regulating valve.

Capacity & performance

Cirk flow rate	3 x 100 l/min
Pulsation flow rate	3 x 700 l/min
Reservoir capacity	1000 l
Max temperature	50 ^{0}C
Max working pressure	16 bar

Weight & dimensions

Length	3000 mm
Width	1300 mm
Height	1900 mm / 3100 mm
Gross Weight	Approx 1500 kg

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