



MarFlex

MDPC-200 with impeller K1L60V (pump head item 900046)

How to avoid damage to the pump head and/or pipe stack



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MarFlex has designed a new, additional suction filter for the MDPC-200 pump series to avoid the ingress of foreign objects. Root cause analysis for several occurrences has revealed that foreign objects have resulted in excessive vibration and caused damage to the pump head and/or pipe stack.

Item number: 630870 – SUCTION FILTER MDPC-200-60 ASSEMBLY



Figure 1. Suction filter



Figure 2. Suction filter top view assembled

The suction filter needs to be installed at the suction opening of the pump head. Thanks to its compact design it can be installed under the pump head without any modifications. The suction filter will be supplied including fastening materials.

The MarFlex suction filter features a vortex breaker to improve the suction characteristics and a suction cone to improve the stripping results.

Application characteristics:

- The MarFlex suction filter blocks parts larger than \varnothing 15 mm. Smaller particles will pass through the internals of the MarFlex deepwell pump.
- The MarFlex suction filter will cause a maximum head loss of 4 to 5 mlc at the design point.
- The MarFlex suction filter is designed for cargoes with a viscosity of \leq 1cSt. Running the system with higher viscosities may result in cavitation.

For any queries or technical advice, please contact MarFlex at:

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