

MariFlex MSP-150 High Flow Hydraulic driven portable pump

MariFlex development, manufacturing, sales, rental and repair of off-loading equipment/systems.

As a specialist in service and repairs, MariFlex has a very comprehensive selection of pumps, powerpacks and other equipment available for sale or rent, specially designed and purpose-built for the transshipment of liquid cargoes.

MariFlex can offer you equipment ranging from complete standard portable pumping installations to custom made turn-key marine equipment.

Upon request, MariFlex designs and builds special pumps, powerpacks and other equipment, according to internationally recognised standards and guidelines.



MariFlex MSP-150 High Flow

The MariFlex MSP-150, a compact high capacity hydraulic driven centrifugal screw pump. Slow liquids speeds and low shear forces in the cargo are a direct consequence of the shape of the impeller, this makes the pump suitable for liquids which have to be handled carefully and without excessive motion and turbulence. This special quality of the pump makes it perfect for oil recovery operations.

For very viscous products like Molasses and heavy fuel oil more powerful hydraulic motors are available.

Suitable for operation in hazardous areas.
Low Emulsifying properties due to low velocities and low shear forces. Non clogging characteristic.
No overload risk when pump is blocked.

APPLICATIONS

Shipping - Industry - Oil recovery - Tank cleaning - Salvage - Sewage pumping.



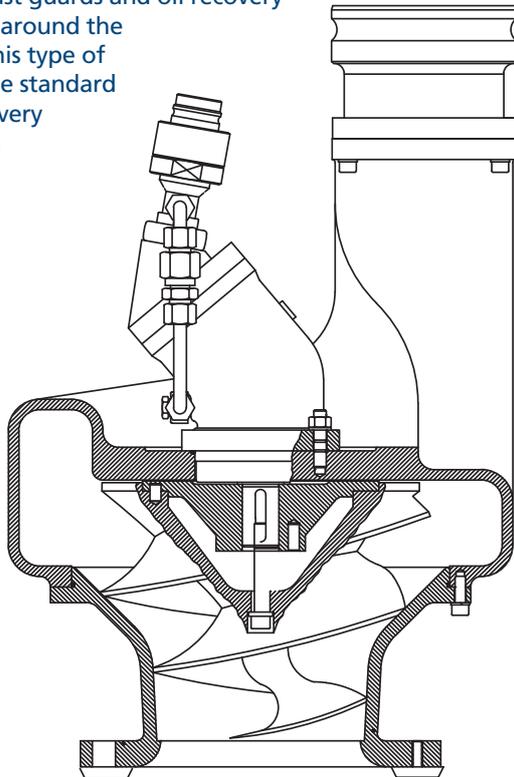
MariFlex

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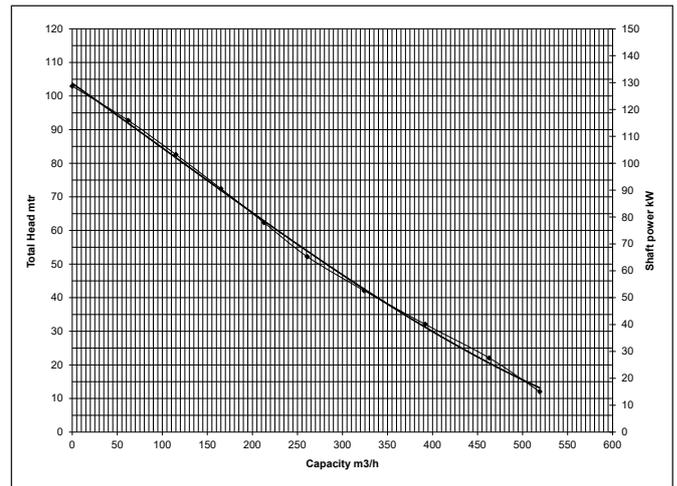
Specifications: MariFlex MSP-150 HF

Design	: Single stage centrifugal.
Capacity / head	: 500 m ³ /hr - 15 mwc max.
Viscosity / specific gravity	: 1.0 Cst. at 20 degr. / 1.0.
Speed	: 3380 rpm maximum.
Materials casing	: Seawater resistant aluminium.
impeller	: Nodular cast iron / Stainless 316L.
Hydraulic motor	: Built on axial plunger.
Hydraulic pressure	: 320 bar maximum.
Hydraulic oil flow	: 160 l/min. maximum.
Discharge connection	: 6 inch - 150 mm with adaptor to 6 inch quick coupling.
Max. outer diameter	: 490 mm.
Height	: 610 mm.
Weight excluding hoses	: 83 Kgs.

Several Coast guards and oil recovery companies around the world use this type of pump as the standard for oil recovery operations.



Test results MariFlex MSP-150 High Flow



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