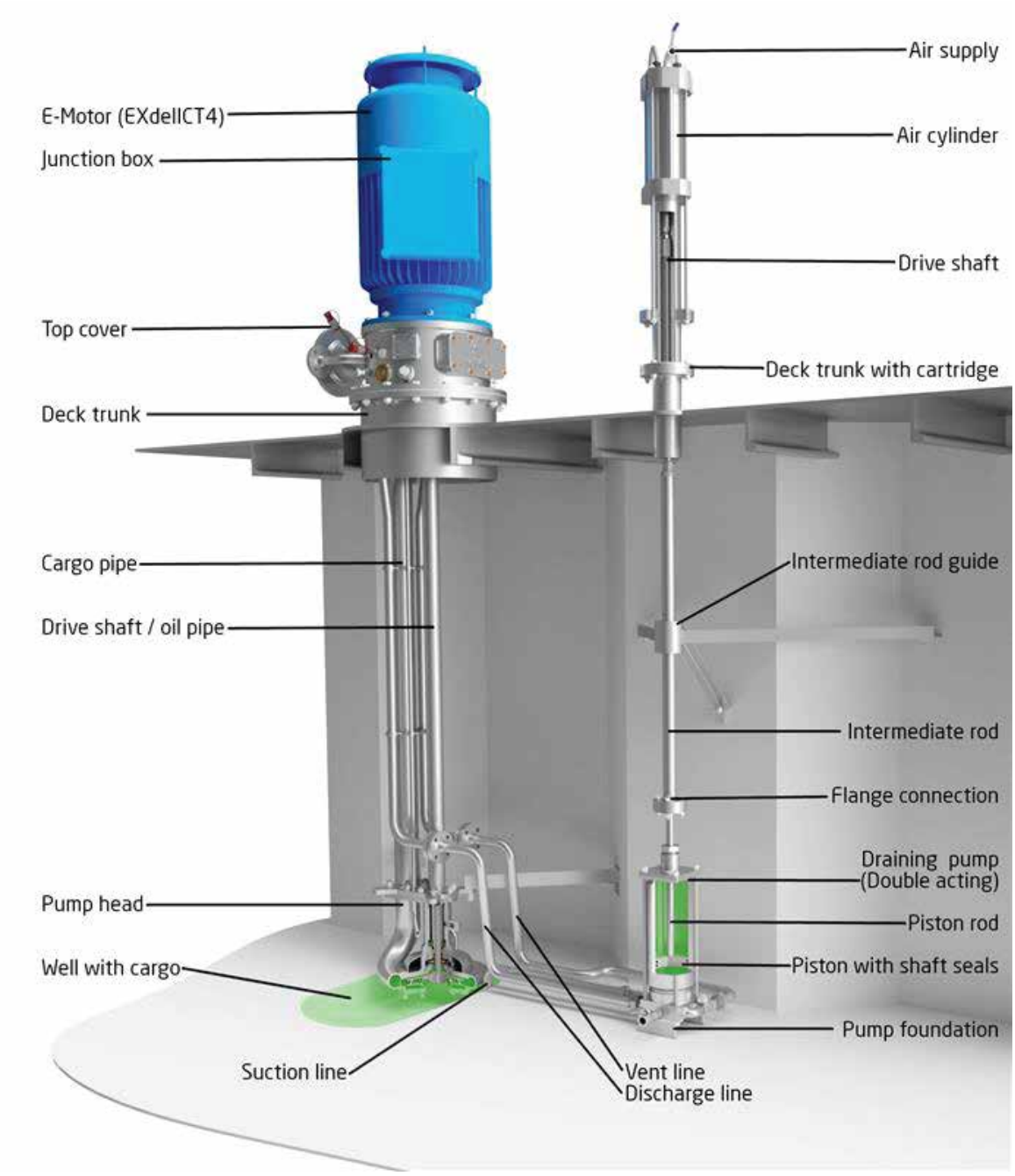
MarFlex Pneumatic Draining Pump (MPDP)



Member of TAIKO HOLDINGS

MarFlex Pneumatic Draining Pump (MPDP)

The MarFlex Pneumatic Draining Pump is a self-priming, double-acting piston pump that removes all cargo residue from the well, acting as a stripping pump in the cargo tank after discharging with the main Deepwell Pump.

The MPDP is applicable up to a maximum tank depth of 8 meters and utilizes pressurized, clean, and dry air is used to pump any leftover cargo out of the tank.

The pump is in principle suitable for cargoes ranging from -15 to 100 °C, however, it has been set at 90 °C to follow ATEX standard.

Types of cargo

Typically, the MPDP can handle the same range of chemicals as its corresponding cargo pump, the MDPD.

Materials used

The MPDP is made using AISI 316L stainless steel.

Use cases

This pump is usually supplied on inland tankers in combination with our MDPD.

Each pump consists of the following sub-assemblies:

- Draining pump assembly
- Foundation tank
- Suction filter
- Deck trunk (stainless steel,270mm)

Draining Pumps are designed to completely drain the tank, until the very last drop

Design	: Double acting
Capacity/Pressure	: max. 7 m3/h - max. 7 bar
Strokes	: max. 13 strokes/min
Air consumption	: max. 0.7 nm3/min
Max. air Pressure	: 10 bar

Materials in contact with cargo	: ASI 316L
Plunger rod	: AISI 316L
Plunger rings	: PTFE Compound
Seating	: PTFE Compound
Discharge Connection	: ¾" BSP
Blow through/strip connection	: ¾" BSP
Drainn	: ¾" BSP ball valve - AISI 316L

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