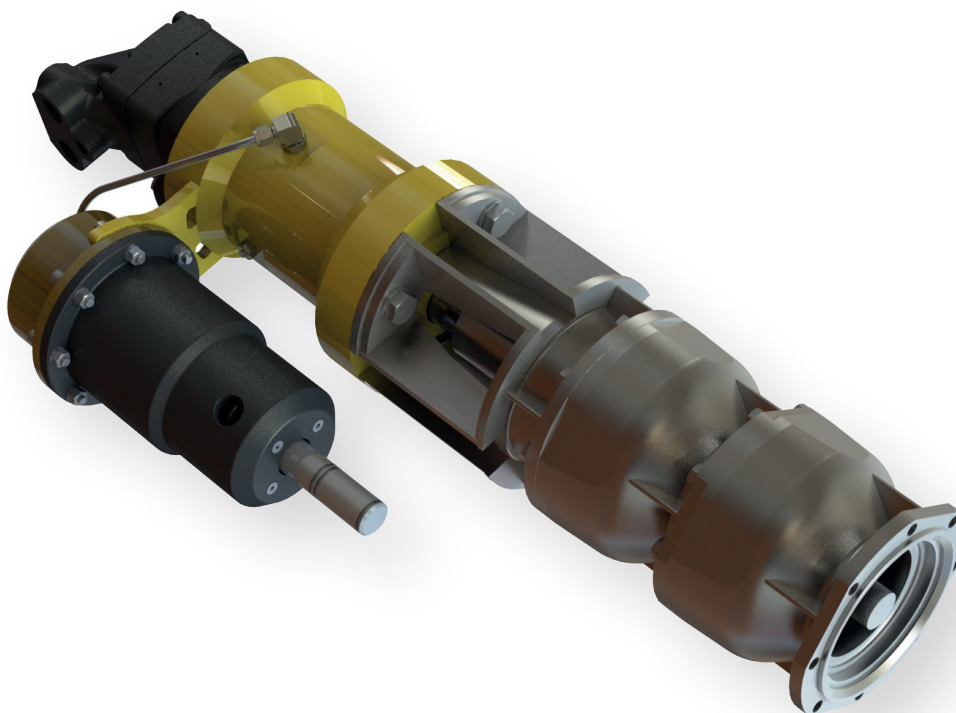


Datasheet

Product: SEARISE HCM 8

Revision: 1



The Searise HCM Solution:

Hydraulically driven, multi-stage centrifugal pump, optimized for pumping seawater, light slurries and other low viscosity fluids, beneath the sea level.

The solution contains an engineered adapter piece between the pump and the motor. This adapter includes a 3rd generation, balanced mechanical seal ensuring

a separate barrier to the sea. Furthermore, it includes two sets of oil-lubricated bearings, for maximum reliability in a demanding operating environment.

The FSubsea Searise HCM series are available in several sizes, pump performance and motor selection will be according to the specific customer requirements.

The Basics:

Pump design	Multi-stage centrifugal	Orientation during operation	Vertical or Horizontal
Barrier fluid type	Light hydraulic oil	Weight in air	56 kg Incl. compensator
Flowrate**	141m ³ /h	Head at rated duty point	51 m
Operating depth	0-3500 m	Materials	SS316 & Seawater resistant aluminum. External coating and other materials on request

** Stated maximum pressure and maximum flow combinations is limited by power available.

The Company:

We provide the most autonomous, cost optimized and robust pumping systems for the global subsea process, unmanned offshore, subsea drilling and deep sea excavation markets. Since 2008, we have supplied more than 40 pumps for various challenging applications in the deep seas.

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