

# Product Datasheet

## Omnirise™ HiDi - Seal-Less Multifunctional Subsea Pump

### A robust and versatile pumping system

- Pulsation-free **H**igh-pressure **D**iaphragm pump intended for permanent or temporary subsea use
- Predictable, constant (volumetric) flow – independent of system back-pressure
- No mechanical shaft seals - No barrier fluid system – Can run dry & handle particles
- Liquid-filled motor and cooling system, pressure compensated to ambient
- Easily integrated with qualified subsea electric Variable Speed Drive



### Applications

- Subsea HPU
- Subsea chemical injection
- Subsea cleaning
- Subsea well intervention
- Subsea sampling & testing

Seawater – Freshwater - Light slurries

Chemicals – Hydrocarbons - High viscosity

### Technical Data:

Flowrate	0 - 50 litre per minute	Shaft Power & Voltage	20 kW / 400V
Developed pressure	< 180 bar	Design depth	0 - 3000m
Casing pressure rating	< 180 bar	Control	Optional CM/PM sensors Optional subsea VSD

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We supply the most sustainable, robust and autonomous subsea pump systems for the global oil & gas, renewables, and green infrastructure markets.



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