

SUCTION ANCHOR HIGH CAPACITY SUCTION HATCH



High-capacity suction hatch features and benefits:

- ROV friendly operation
- 3 off Locking mechanism
- Sealing arrangement accepts both suction and over pressure
- Compact design

Technical data for suction hatch

Design code	ISO 13628
Size	700 mm diameter
Weight	452 kg
Design suction pressure	20 bar
Design over pressure	20 bar
Max. water depth	No limitation
Lifetime	25 years
Coating	Typical Norsok system 7, or as required

Interfaces

- Prepared for welding into suction anchor top
- Can be delivered with pipe outlet to interface with suction system
- Can be delivered with integrated suction stab receptacle
- Can be delivered with temporary bottom to allow for pressure testing after welding into suction anchor
- Can be delivered with anodes to protect hatch for the service life
- Delivered with electrical strapping

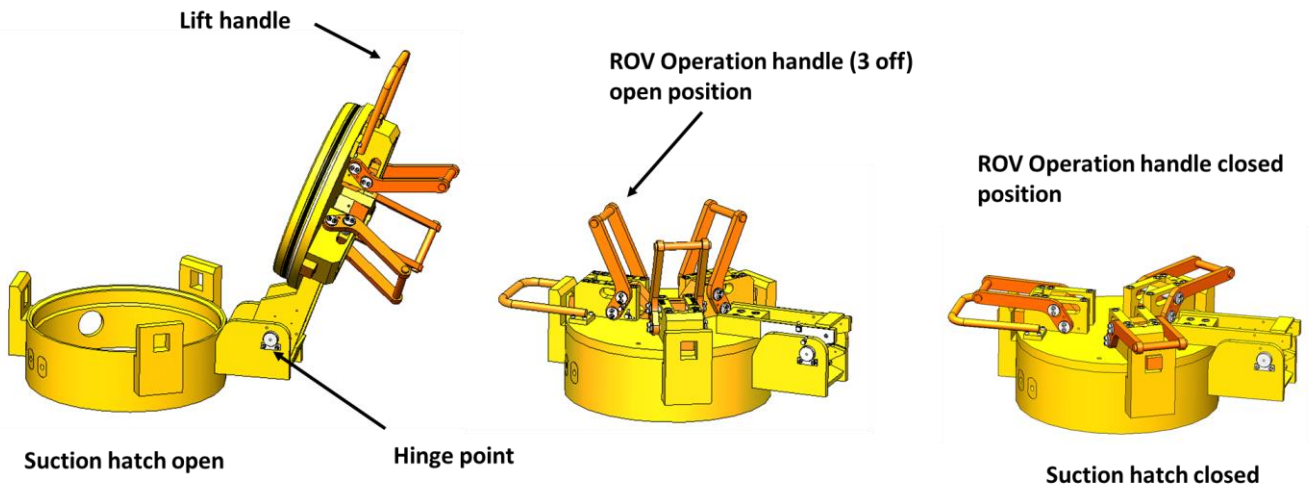


Hatch with electrical strapping for long term service



Hatch with integrated stab receptacle

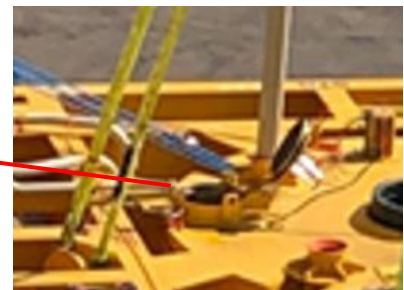
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How it works

During installation, the hatch is secured in opened position. After landing and self penetration of the suction anchor, the ROV will remove the securing and push hatch to close by free falling. The ROV will operate the handles to closed positions.

During suction anchor retrieval the suction hatch will be opened when the suction anchor is ready to be lifted out of the ground. The operation handles will be released, and the hatch is rotated with the assistance of a lift wire to surface.



Template during installation with SubseaDesign delivered suction hatches