

## Designed for modules to be installed subsea.

### Description:

The Soft Landing Cylinder's function is to reduce the impact of the load when lowering modules into subsea structure. The devices take up the energy during landing, and reduce the speed of the module to 0 m/s. Typical characteristic is to reduce the speed smoothly from 0,5 m/s to 0 m/s within 2-3 seconds over cylinder length. Typical dashpot speed could be 0,02 m/s.

The characteristics and dimensions to be set are generated based on customer input. Other on request.

### Specification:

Depro drawing: DEP-GA-0444  
Capacity: 1 000kg - 10 000kg  
Length locked: 645mm  
Stroke length: 270mm  
Diameter: Ø185mm  
Weight in air: 41Kg  
Nominal landing velocity: 1 m/s  
Material body: Carbon Steel  
Material cylinder: 25Cr Duplex



Remove locking bolt to  
activate Soft Landing Cylinder