

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-0474
Capacity: 10 000kg - 30 000kg
Length locked: 885mm
Stroke length: 270mm
Diameter: Ø475mm
Weight in air: 122Kg
Weight in water: 104kg
Nominal landing velocity: 1 m/s
Material body: Carbon Steel
Material cylinder: 25Cr Duplex

