

### Referenced standards: ISO 13628-8, API 17H

#### Description:

The Linear Actuator Override Tool (LAOT) is designed to be operated subsea by ROVs. The function of the LAOT system is to activate valves and other equipment with linear force. The main components are Hydraulic Power Module, Interface Units and Lockout Tool (LOT).

LOT is described at separate data sheet DEP-DS-0576.

This Linear Actuator Concept is designed to save costs and achieve increased interface flexibility.

Developed to cover stroke length up to 273 mm, with adjustable force 75 – 745 kN (76 tons).

The system is designed according to ISO 13628-8 & API 17H (types A, B and C interfaces).

#### Specification:

Standard force range: 75kN (17 000 lbf) - 745 kN (167 500 lbf)

Max hydraulic input pressure 207 bar

Stroke: 0 - 273mm (maximum)

Weight air / water:

- Base carrier: 70kg / 60 kg
- Complete unit (incl. Type B interface): 90 kg / 75 kg

Max water depth: 3000 m

Dimensions & 3D-models available on request

#### Base Carrier:

The base carrier (without interface):

#### Available interfaces and set-ups:

- Type A interface
- Type B interface
- Type C interface
- LAOT incl. Type A interface
- LAOT incl. Type B interface
- LAOT incl. Type C interface

Tools designed for submersion over long periods on request.  
Customized stroke and/or force range on request.



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