Our extremely small and light-weight standard drive units for deep-sea application can be modified individually to meet the special requirements regarding voltage supply, housing material, torque, revolutions, shaft ends and connectors.

They impress with a tremendous torque up to 15 Nm (dependent on the gear reduction) and dispose of an electronic output that transmits impulses (TTL-level).

Those are evaluated by means of an electronic system and hence an exact positioning of the shaft with a precision of 1/16 revolution is possible.

Before delivery all our drives are carefully tested concerning their functionality and compressive strength (up to 600bar).

**Technical Data**

**Size:**
(Diameter) 70mm x (Total length) 350mm

**Material / Weight:**
Steel (1.4571 oder 1.4539): 5,4kg
Titanium (TiAl6V4): 3,5kg

**Operation depth:**
Up to 6000m (600bar), if requested ultra-deep

**Voltage supply:**
6V, 12V, 24V (36V, 48V)

**Power, batteries:**
Dependent on the operation depth and requested torque-16 je 360°

**Impulses:**
1-16 each 360°

**Revolution:**
0.5-4 Upm at the shaft

**Torque:**
4-10 Nm continuous operation
4-15 Nm short operation