

## GEAR REDUCER

**REFERENCE : EX2600**



*Non contractual photo*

**SERVICE :**

**DIMENSIONS : 340 X 150 X 150 MM**

**WEIGHT : 6 KG**

With the gear reducer, the student acquires knowledge and technological concepts. He observes, manipulates the reducer and analyzes its operation. It compares the actual product and its normalized representation, studies the characteristics of the gears and calculates the transmission ratio. In an interactive computerized sequence, he identifies and solves a concrete industrial problem.

### Technical specifications :

#### Proposed TP Themes :

- Observation, handling of the reducer
- Functional analysis: gear transmission
- Awareness of the kinematic diagram
- Determination of the transmission ratio

#### Composition :

- SEW-USOCOME reducer consisting of a gear train with 2 helical gears
- CD Rom with educational and technical resources (3D - SW and SC), complete interactive sequence, image, photos, animations, etc.