

The outboard motor is suitable for medium-sized and large racing and sport boats up to 1 m in length. The transmission is carried out via helical toothed metal cones. The shafts run in V2A ball bearings. The outboard motor is attached to the rear wall of a boat with four screws. A height adjustment of approx. 7 mm and a change of the inclination angle of approx.  $\pm 5^\circ$  is made possible by the support.

The Brushless electric motor is not included. We recommend No.7777. The motor cover must be removed to install the connection cables. For this purpose the motor cover is removed on both sides with the removed Phillips screws. Generally, motors with diameters of 35-45 mm and up to 800 W power are suitable.

Connect the connection cables to the motor in the correct polarity, and then install them so that they can be routed through the small right-angled recess from the motor cover.

The outboard motor is articulated through the two lateral articulation lugs. The boat openings for the connecting cables as well as the rudder steering linkage must be carefully sealed against water with rubber grommets or rubber muffs. 3356 against water.

#### Operating instructions:

- Do not operate the outboard motor without load with full operating voltage at idling speed, as this may cause damages due to excessive speed.
- Do not cover or glue the cooling openings on the housing cover, otherwise the motor may overheat.
- Bear in mind the operating voltage range of 7,2 - 12 Volt.
- The optimum speed of a racing boat depends very much on its sliding angle. While in the case of racing boats with a rigid shaft, the angle can be varied by means of movable trimming flaps, the possibility of directly changing the angle of inclination in the case of racing boats with sterndrive is possible.
- The outboard motor should be thoroughly cleaned, dried and lubricated **before any lengthy break**.
- With the supplied propeller, the outboard motor is designed for half-diving operation.

#### Technical data

Length approx.	110 mm
Width approx.	65 mm
Height approx.	180 mm
Weight with motor approx.	169 g

#### Spare parts

No. 1992.1	Hydro propeller Ø 38 mm
No. 1992.3	Bevel gear set Steel helical toothed

#### Recommended accessories

No. 570	High-performance lubrication grease
Motors with 18mm drilling diameter and 4mm shaft	
No. S3030	Brushless+T 100

