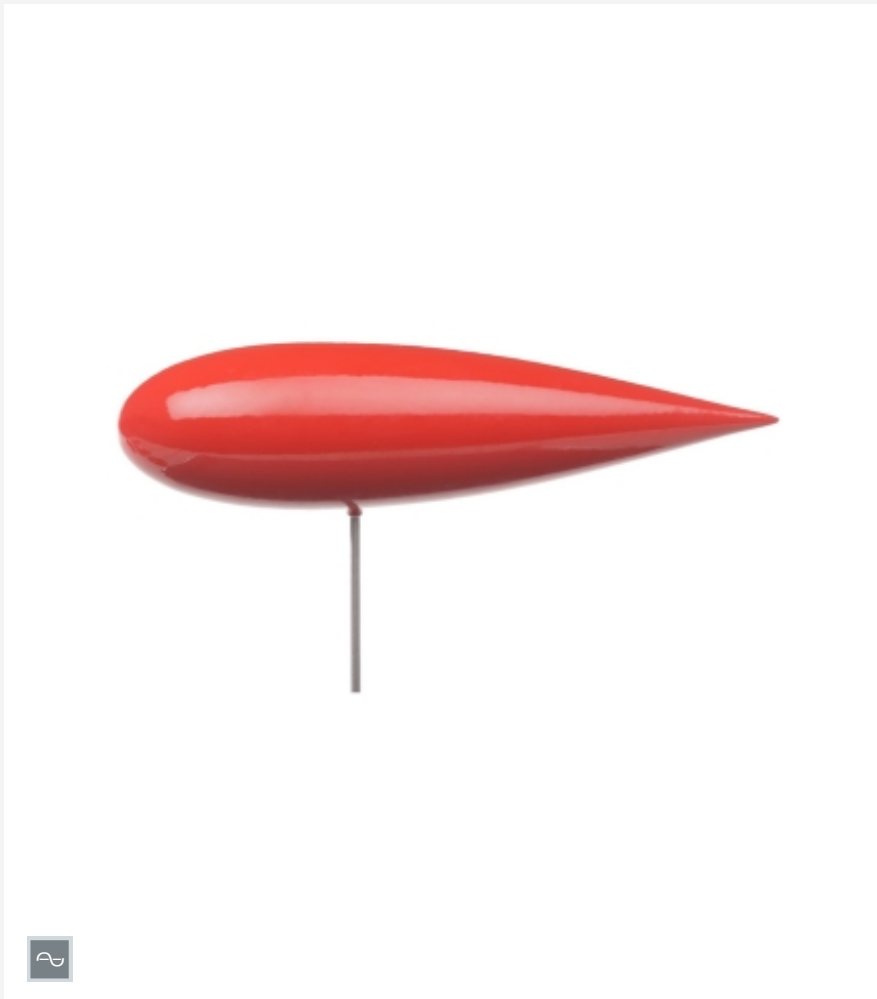


HM 170.08

Drag body streamline body



Description

■ experiments on bodies immersed in a flow

The drag body streamline body is investigated in the measuring section of the wind tunnel HM 170. The drag body consists of a streamline body made of wood and a mounting bracket made of corrosion-resistant steel. The streamline body is painted red. The drag body is placed in the force sensor, this indicates the drag force as a measured value in flow around bodies.

Learning objectives/experiments

- experiments on bodies immersed in a flow
- determination of the drag coefficient (c_d factor)

Specification

- [1] streamline body as drag body for experiments on bodies immersed in a flow
- [2] accessory for the wind tunnel HM 170
- [3] bracket made of corrosion-resistant steel
- [4] streamline body painted for smooth surface

Technical data

Streamline body

- \varnothing 60mm
- length: 240mm
- wood
- painted in RAL 3000

Bracket

- corrosion-resistant steel
- \varnothing 4mm

LxWxH: 240x60x270mm

Weight: approx. 0,5kg

Scope of delivery

- 1 drag body

HM 170.08

Drag body streamline body

Required accessories

HM 170 Open wind tunnel

Optional accessories

HM 170.40 Three-component force sensor