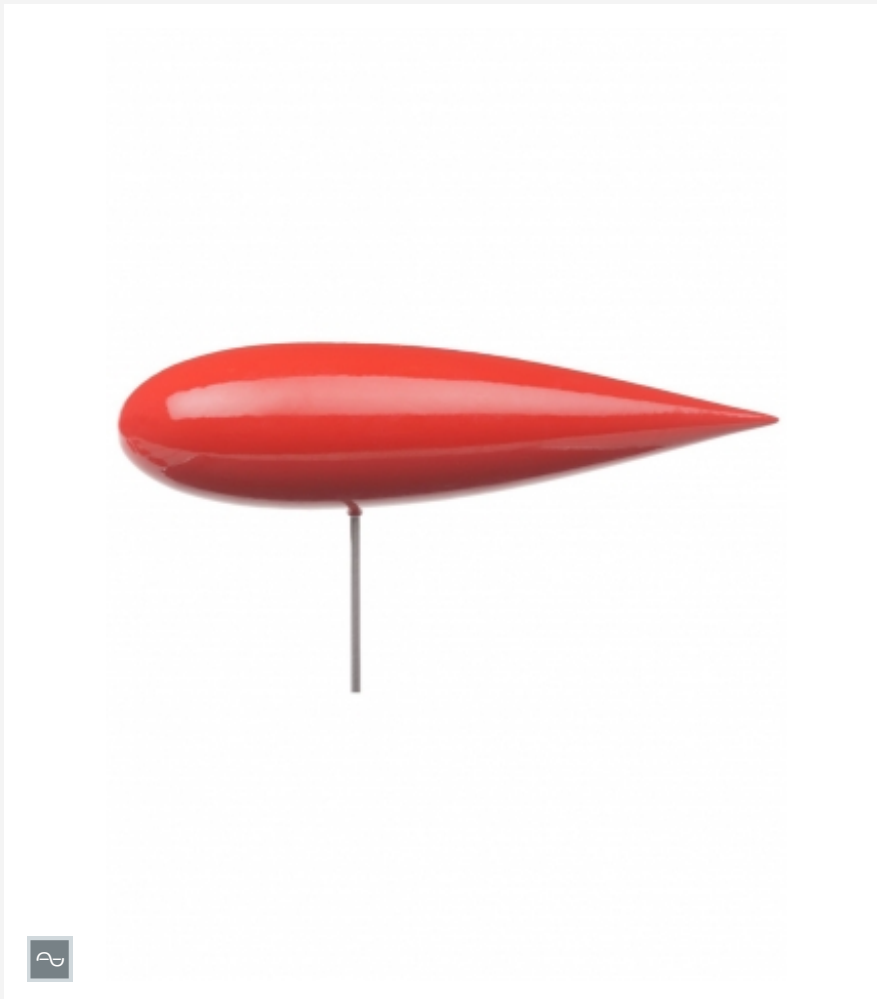


HM 170.08

Drag body streamline body



Learning objectives/experiments

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

Specification

- [1] drag body for experiments on bodies immersed in a flow
- [2] streamline body made of wood, $d=60\text{mm}$, 240mm long
- [3] bracket made of corrosion-resistant steel, $d=4\text{mm}$
- [4] body painted in RAL 3000

Technical data

LxWxH: $240 \times 60 \times 270\text{mm}$
Weight: approx. $0,5\text{kg}$

Scope of delivery

- 1 drag 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.