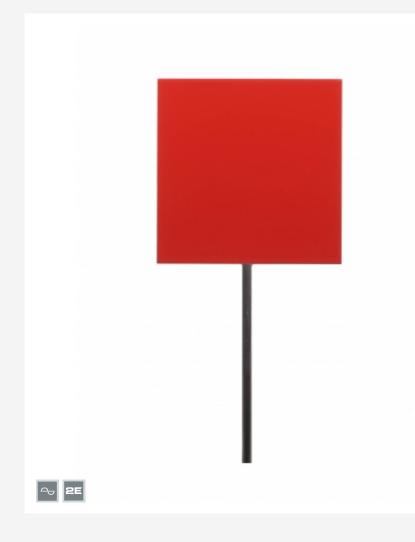


HM 170.05

Drag body square plate



Description

experiments on bodies immersed in a flow

The square plate drag body is investigated in the measuring section of the wind tunnel HM 170. The drag body consists of a square plate made of steel sheet and a mounting rod made of corrosion-resistant steel. The square plate 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] drag body for experiments on bodies immersed in a flow
- [2] square plate made of 1mm thick steel sheet, 71x71mm
- [3] bracket made of corrosion-resistant steel, d=4m
- [4] square plate painted in RAL 3000

Technical data

LxWxH: 71x4x280mm Weight: approx. 0,2kg

Scope of delivery

1 drag body