

Flat magnet, Model 210

Main Characteristics

- portable route measurements
- high temperature up to 200°C
- for top connector sensors with M5 and 10-32 UNF thread
- for flat surfaces only
- Stainless steel

Description

The use of magnet bases is convenient and quick for many applications (route measurements). They produce an intimate and stiff contact between DC and few kilohertz. The high frequency response (above few kHz) is significantly distorted. Obviously the machine surface should be magnetically attractive and free of paint chips and scale. Painted surface should use our stainless steel magnet target model 208 that greatly improve the high frequency response. We also recommend the use of coupling fluids, such as oil. Customer should pay attention to magnet attaching on the machine. The shock could overload the vibration sensor and destroy the electronic.

Ordering information

To order, specify part number, options and suffix :

210.01- AA - BB

AA : Sensor thread

05 - M5x0.8

15 - 10-32 UNF

BB : Diameter

19 - 19 mm

Stocked models :

210.01-15-19

Ordering example

210.01-15-19

Flat magnet, 10-32 UNF

Specifications

Dynamic

Frequency response..... 10% : DC to 2.5 kHz
..... see fig 4a

Environmental

Temperature-55°C to 200 °C (-67°F to 320°F)

Physical

Dimensions See outline drawing Fig 1a

Weight ~9.5 gr (0.33 Oz)

MaterialStainless steel

Magnet high temperature rare earth magnet
pull force23 kg (50 Lbs)

Accessories

Magnet targets model 208

Competitors cross reference list

Wilcoxon B2a, B4 / CTC online TBD / PCB TBD / AMPO EMID 22 / Dytran



Model 210.01-15-19

Outline drawing

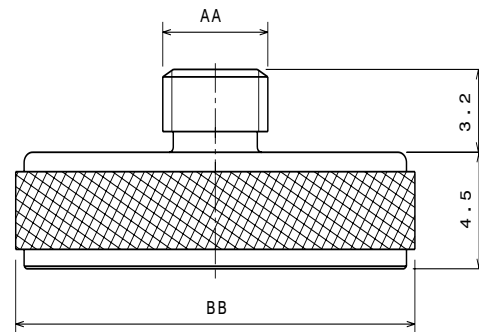


Fig 1a

Mounting drawing

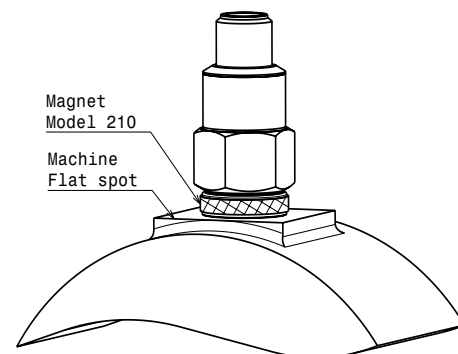


Fig 2a

Typical frequency response

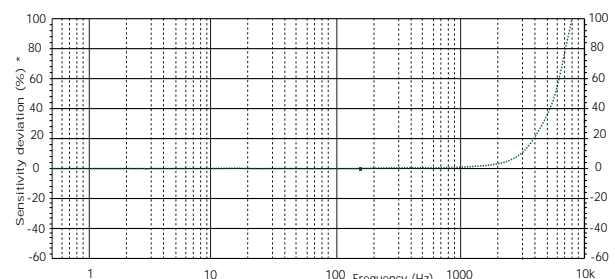


Fig 4a