

RD-SH series CPU controlled shutters

The RD-SH series contains a set of CPU controlled Beam Shutter devices. There are three different versions of the Shutter available with different torque, speed and size. We also offer a wide variety of accessories to facilitate arranging customized solution for your experiment.

Options

- Three lever lengths (15 mm, 38 mm and 52 mm)



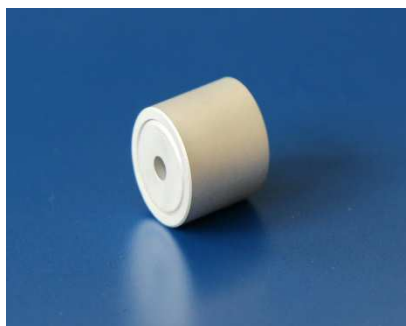
- Standard Housing
- Housing with heat removal option (for high repetition rates) both with M4 bearing, can be installed horizontally or vertically

Beam Blocker for:

Low power (100 – 300 mW)



Medium to High power
without heat release

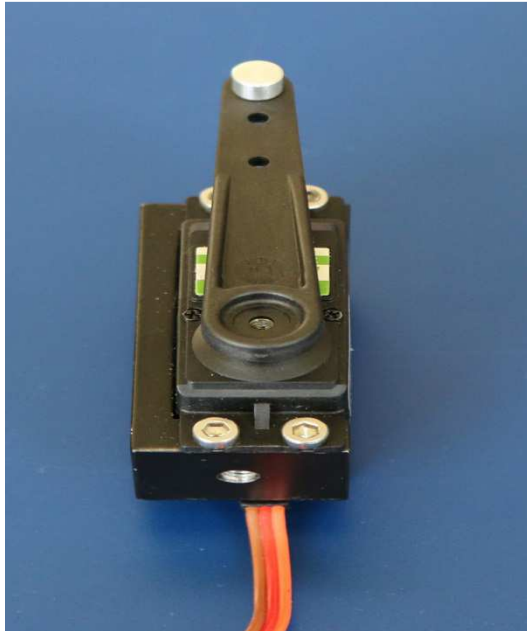


High power with heat release



Shutter

1. Titanium Gear Shutter (very fast and strong, high repetition rate)



Operating Speed (4.8 V): 0.034 sec/60°
at no load
Up to 20 Hz Shutter repetition rate
Torque (4.8 V): (4.8 V): 3.9 kg.cm
Dimension : 40 x 20 x 40 mm



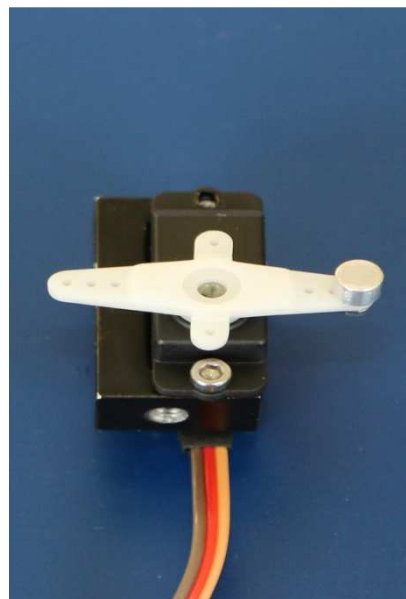
Alternative housing for high repetition rate
with heat release

2. Compact Shutter (fast but with less torque)



Operating Speed (4.8 V): 0.052 sec/60°
at no load
Torque (4.8 V): 2.1 kg.cm
Dimensions: 35.8 x 15.2 x 29 mm

3. Mini Shutter



Operating Speed (4.8 V): 0.07 sec/60°
at no load
Torque (4.8 V) 2.4 kg/cm
Dimension : 23 x 12 x 27.25 mm