

# Bistable Rotating Solenoid

This bistable rotating solenoid is designed for applications needing precise angular positioning. It is suitable for automation systems, valve control, and other electromechanical devices.



## Product Overview

### High-Precision Bistable Actuation

The BRS50 Series consists of compact and efficient bistable rotating solenoids designed for precise angular positioning and reliable holding torque. These electromagnetic actuators are ideal for automation systems, valve control, and electromechanical devices where energy efficiency and robust performance are critical. Featuring a metallic housing and a flexible working voltage range, they provide a durable solution for industrial applications requiring stable two-position control.

## Key Features

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Bistable Operation, Precise Angular Positioning, Energy Efficient, Robust Metallic Housing, Compact Design

## Technical Specifications

### Performance Metrics

**8 V**

Min Voltage

**24 V**

Max Voltage

**300 mm**

Cable Length

### Customization

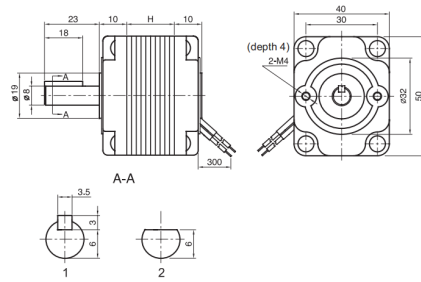
Other DC register values are available upon consultation with the factory.

## Model Comparison

### Model Specifications

Model	Magnetizer Width (mm)	Magnet Diameter (mm)	Magnet Length (mm)	DC Resistance (Ω)	Weight (g)
BRS50-20/40	20	20	20	6	330
BRS50-20/35	15	20	15	6 or 8	280

## Mechanical Dimensions



Detailed technical drawing showing dimensions, mounting hole positions (2-M4), and shaft specifications for the BRS50 series.

### Mounting & Physical Specs

- Mounting Holes: 2-M4 (Depth 4mm)
- Mounting Circle Diameter: 32mm
- Flange Size: 50mm (Square)
- Body Width: 40mm
- Shaft Diameter: 8mm / 19mm options