

## Function

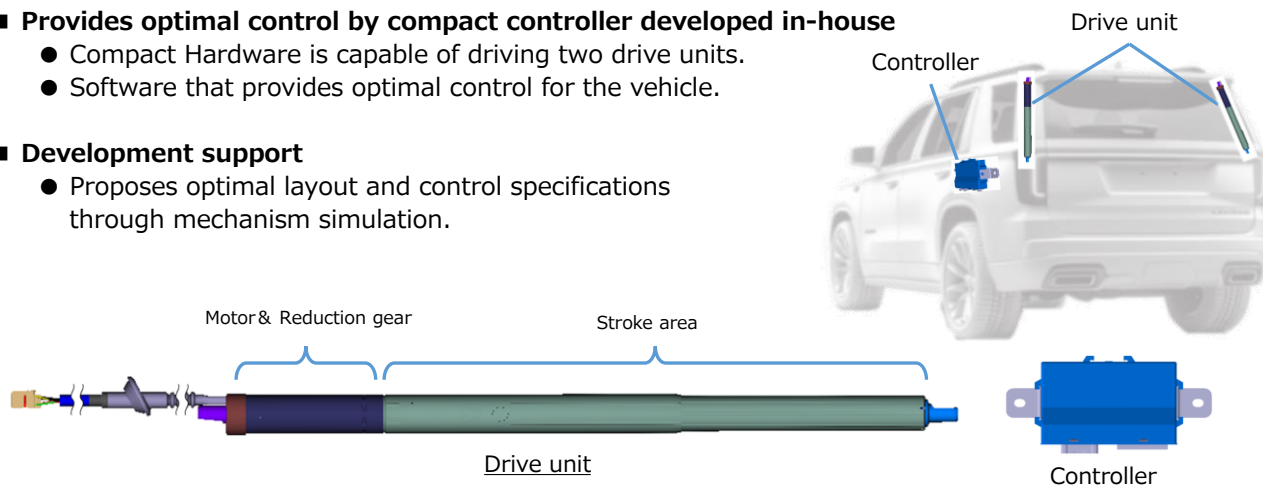
- System that electrically opens and closes the tailgate of an SUV, etc.

## Mitsuba Model: AS01、RK00

- Motor type: Brush
- Release year: 2020
- Vehicles which product can be installed: ICE (Internal Combustion Engine) vehicles, xEV (Next generation) vehicles

## Features

- **Supports single-sided drive (Drive unit x1) and double sided-drive (Drive unit x2)**
  - Can be selected according to the vehicle design.
- **Compact or long-stroke drive unit can be installed in a variety of vehicles**
  - The motor and reduction mechanism are integrated into a compact design, allowing to have a small space layout.
  - Long stroke for large opening tailgates.
- **Provides optimal control by compact controller developed in-house**
  - Compact Hardware is capable of driving two drive units.
  - Software that provides optimal control for the vehicle.
- **Development support**
  - Proposes optimal layout and control specifications through mechanism simulation.



## Specifications and Appearance

	AS01	RK00
Appearance dimensions (mm)		
Voltage	9 to 16V (as usage range)	
Resistance	0.2Ω (as harness)	
Weight	1,030g	144g
Thrust	2,600N (at 13.5V)	—
Others	• Built-in tailgate position sensor and Speed detection sensor • Water and dust resistant structure (Equivalent to IP55)	• Built in Latch motor control and Buzzer drive circuit • Support CAN/LIN(option) communication • Reprograming by CAN communication

	AS01
Max. motor output	60W

## Countries of Manufacture

- Japan