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# ARW LINEAR SLIDE

ARW2-16-150
ARW Drawer Slide, 150mm, 29.1g, Aluminium Alloy,
Mini Slide, 2-Way

- 3/4 Extension
- Short design suitable for enclosed spaces
- Light Weight
- Smooth movement due to retainer

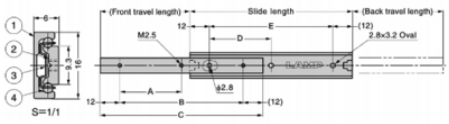


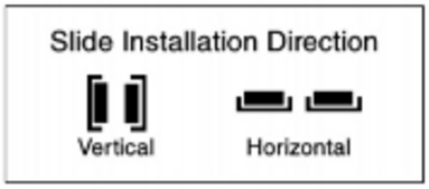
### PRODUCT DESCRIPTION

The Sugatsune ARW2-16 Mini Slide is a compact, precision-engineered linear motion component designed for applications requiring smooth, bidirectional travel within a confined space. Constructed from lightweight anodised aluminium, the ARW2-16-100 model measures 100 mm in closed length and extends to 140 mm when fully opened, offering a travel length of 52 mm. With a slim profile of 6 mm width and 16 mm height, it supports a load capacity of up to 5 kg per pair. The slide is designed without a positive stop, allowing for ease of assembly and integration into various systems; however, a secondary stopper should be added if necessary. Mounting options include side-mount and undermount configurations, accommodating diverse design requirements.
In practical applications, the ARW2-16 Mini Slide is ideal for use in compact mechanical assemblies where space is at a premium, such as in vending machines, automated industrial equipment, and small-scale cabinetry. Its two-way travel capability allows for flexible movement in both directions, enhancing accessibility and functionality in tight spaces. The lightweight aluminium construction not only reduces the overall weight of the assembly but also provides corrosion resistance, making it suitable for various environments. Whether in precision instruments or compact storage solutions, the ARW2-16 Mini Slide offers reliable performance and adaptability.

# TECHNICAL DATA

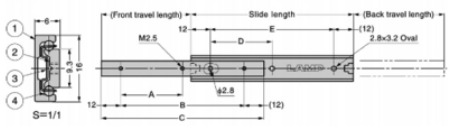
| | |
|---|---|
| **Back Travel Length** | 79 mm |
| **Feature** | 3/4 Extension 2-Way Mini Slide |
| **Front Travel Length** | 79 mm |
| **Height** | 16 mm |
| **Horizontal Load Capacity** | 30 N |
| **Material** | Aluminium alloy, Steel |
| **Rail Length** | 150 mm |
| **Rail Width** | 6 mm |
| **Surface finish** | Anodised Silver |
| **Vertical Load Capacity** | 69 N |
| **Weight** | 29.1 g |

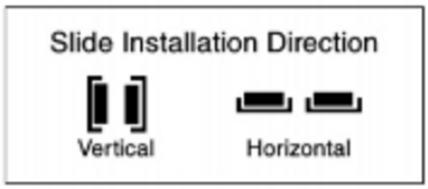



| No. | Part Name | Material | Finish |
|---|---|---|---|
| ① | Outer Member | Aluminium Alloy | Anodised Silver |
| ② | Inner Member | | |
| ③ | Retainer | Steel (SECC) | (Zinc Chromate Steel) |
| ④ | Balls | Steel (SWCH) | – |

| Mfr | QD | Item Code | Item Name | Slide Length | Travel Length | | A | B | C | D | E | Vertical Installation | | Horizontal Installation | | Weight (g/pc) | Box (pcs) | Carton (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Front | Back | | | | | | Load Capacity N{pair} | Load Capacity kgf{pair} | Load Capacity N{pair} | Load Capacity kgf{pair} | | | |
| | | 190-012-578 | ARW2-16-70 | 70 | 32 | 32 | – | 46 | 70 | – | 46 | 29 | 3 | 11 | 1.1 | 15.34 | 100 | – |
| | | 190-012-579 | ARW2-16-100 | 100 | 40 | 40 | 38 | 76 | 100 | 38 | 76 | 49 | 5 | 20 | 2 | 21.2 | 100 | – |
| | | 190-012-580 | ARW2-16-150 | 150 | 79 | 79 | 63 | 126 | 150 | 63 | 126 | 69 | 7 | 30 | 3.1 | 29.1 | 100 | – |




| No. | Part Name | Material | Finish |
|---|---|---|---|
| ① | Outer Member | Aluminium Alloy | Anodised Silver |
| ② | Inner Member | | |
| ③ | Retainer | Steel (SECC) | (Zinc Chromate Steel) |
| ④ | Balls | Steel (SWCH) | – |

| Mfr | QD | Item Code | Item Name | Slide Length | Travel Length | | A | B | C | D | E | Vertical Installation | | Horizontal Installation | | Weight (g/pc) | Box (pcs) | Carton (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Front | Back | | | | | | Load Capacity N{pair} | Load Capacity kgf{pair} | Load Capacity N{pair} | Load Capacity kgf{pair} | | | |
| | | 190-012-578 | ARW2-16-70 | 70 | 32 | 32 | – | 46 | 70 | – | 46 | 29 | 3 | 11 | 1.1 | 15.34 | 100 | – |
| | | 190-012-579 | ARW2-16-100 | 100 | 40 | 40 | 38 | 76 | 100 | 38 | 76 | 49 | 5 | 20 | 2 | 21.2 | 100 | – |
| | | 190-012-580 | ARW2-16-150 | 150 | 79 | 79 | 63 | 126 | 150 | 63 | 126 | 69 | 7 | 30 | 3.1 | 29.1 | 100 | – |