

## ARL LINEAR SLIDE

ARL2-16-100  
 ARL Linear Guide, 100mm, 17.98g, Aluminium Alloy,  
 Mini Guide

- Light Weight Materials
- Thin design for limited space
- Various lengths available
- Ranging Load Capacity



### PRODUCT DESCRIPTION

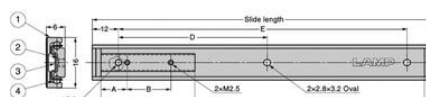
The Sugatsune ARL Linear Slides are precision-engineered components designed for smooth and reliable linear motion in compact applications. Constructed from lightweight anodised aluminium, these slides offer a low-friction, ball-free design that ensures quiet operation and reduced maintenance. Their compact profile makes them ideal for installations where space is limited, and their robust construction provides durability for various industrial uses.

In practical applications, ARL Linear Slides are well-suited for use in automated machinery, medical devices, and precision instruments where consistent and controlled movement is essential. Their design allows for easy integration into systems requiring accurate linear guidance without the complexity of ball-bearing mechanisms. Whether in laboratory equipment or compact industrial machines, ARL Linear Slides provide a dependable solution for achieving precise linear motion.

### TECHNICAL DATA

<b>Feature</b>	Mini Guide
<b>Height</b>	16 mm
<b>Horizontal Load Capacity</b>	5 N
<b>Material</b>	Aluminium alloy, Steel
<b>Rail Length</b>	100 mm
<b>Rail Width</b>	6 mm
<b>Surface finish</b>	Anodised Silver
<b>Travel Length</b>	52 mm
<b>Weight</b>	17.98 g
<b>Vertical Load Capacity</b>	49 N

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)	-



### Slide Installation Direction



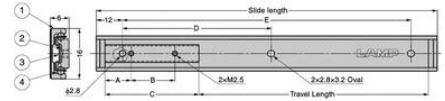
Vertical



Horizontal

Item Code	Item Name	Slide Length	Travel Length	A	B	C	D	E	Vertical Installation				Horizontal Installation				Height (mm)	Size (mm)	Carton Qty
									Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)			
99-01	190-012-584	ARL2-18-70	70	30	5	18	28	46	20	2	8	0.8	13.37	100	-	-	-	-	
99-02	190-012-585	ARL2-18-100	100	52	10	28	38	76	49	5	18	1.8	17.88	100	-	-	-	-	
99-03	190-012-586	ARL2-18-150	150	50	10	29	63	126	49	5	18	1.8	23.28	100	-	-	-	-	

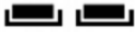
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