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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



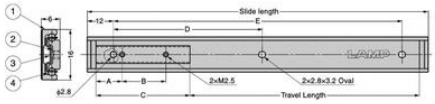
PRODUCT DESCRIPTION

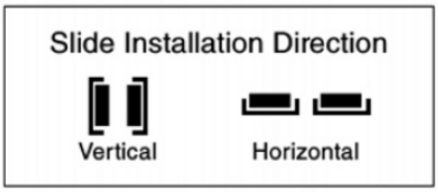
The Sugatsune ARL Linear Slides are precision-engineered components designed for smooth and reliable linear motion in compact applications. Constructed from lightweight anodised aluminium, these slides offer a low-friction, ball-free design that ensures quiet operation and reduced maintenance. Their 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

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

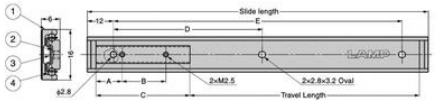
No.	Part Name	Material	Finish
①	Outer Member	Aluminium Alloy	Anodised Silver
②	Inner Member		
③	Retainer	Steel (SECC)	(Zinc Chromate Steel)
④	Balls	Steel (SWCH)	–

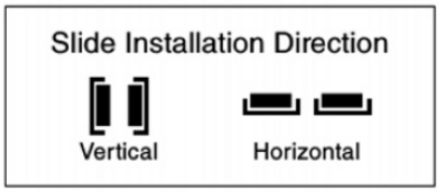




Ref.	QR	Item Code	Item Name	Slide Length	Travel Length	A	B	C	D	E	Vertical Installation		Horizontal Installation		Weight (g/pc)	Box (pcs)	Carton (pcs)
											Load Capacity N/pair	Load Capacity kgf/pair	Load Capacity N/pair	Load Capacity kgf/pair			
Fig.		190-012-584	ARL2-16-70	70	30	5	18	28	–	46	20	2	8	0.8	13.37	100	–
Fig.		190-012-585	ARL2-16-100	100	52	10	19	39	38	76	49	5	18	1.8	17.98	100	–
Fig.		190-012-586	ARL2-16-150	150	96				63	126					23.28	100	–

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