

MINI GUIDE RAIL MRS-20



- No grease or oil application required, thanks to the use of special polyethylene resin with excellent sliding properties.
- Special polyethylene resin with excellent chemical resistance.
- Uses flame retardant material rated UL94HB.
- Preload type carriage with minimal gap is also available.

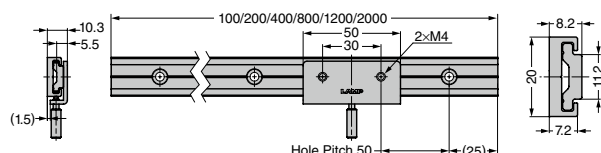
[Recommended Mounting Bolts]

- (Rail) M4 hexagon socket button head screws

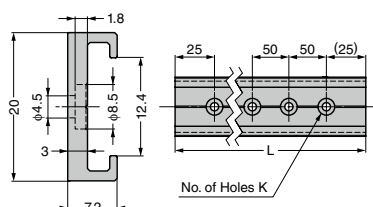
[Remarks]

- When combined with a clamp, use under moment load is not possible.
- The rail mounting holes and ends are plain.
- The preload type carriage does not fix the slider. Do not use the MINI GUIDE RAIL in a vertical or diagonal position, as it will lead to danger when the slider falls.

Combination Dimensions for Guide Rail, Carriage, & Clamp

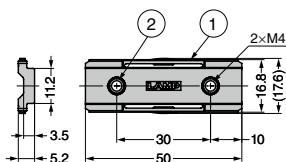


[MINI GUIDE RAIL MRS-20]



RoHS	CAD	Item Code	Item Name	L	No. of Holes K	Material	Finish	Weight (g)
		190-111-491	MRS20-100	100	2	Aluminium Alloy	Silver Anodised	20
		190-111-492	MRS20-200	200	4			40
		190-111-493	MRS20-400	400	8			80
		190-111-494	MRS20-800	800	16			160
		190-046-491	MRS20-1200	1200	24			240
		190-111-495	MRS20-2000	2000	40			400

[MINI GUIDE CARRIAGE MR-20CNB Preload Type]



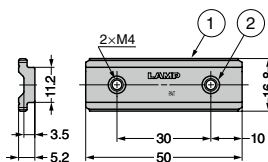
[Specifications]

- Operating temperature: 0° C ~ 40° C

No.	Material	Finish/Colour
①	Special Polyethylene	High Sliding Grade/Grey
②	Stainless Steel (SUS304)	Plain

RoHS	CAD	Item Code	Item Name	Weight (g)
		190-037-638	MR-20CNB	5

[MINI GUIDE CARRIAGE MR-20CS]



[Specifications]

- Operating temperature: 0° C ~ 40° C

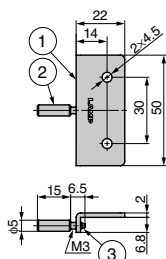
[Remarks]

- The carriage unit working force changes depending on the operating temperature.

No.	Material	Finish/Colour
①	Special Polyethylene	High Sliding Grade/Grey
②	Stainless Steel (SUS304)	Plain

RoHS	CAD	Item Code	Item Name	Weight (g)
		190-111-496	MR-20CS	6

[MINI GUIDE CLAMP MR-20CLP]



- Tighten the knob to the rail for simple fixing.
- Mount to the carriage with screws.

[Remarks]

- If external force exceeding the retaining force (reference value) is applied, the retaining position may deviate.
- If the knob tightening torque is exceeded, the knob tip may be damaged.
- Mounting screws are to be supplied by the customer.

No.	Part Name	Material	Finish/Colour
①	Plate	Stainless Steel (SUS304)	Barrel Polished
②	Knob Body	Stainless Steel (SUS303)	Plain
③	Knob Tip	Polyacetal (POM)	Black

RoHS	CAD	Item Code	Item Name	Retaining Force N (reference value)	Knob Tightening Torque N-m	Weight (g)
		190-035-311	MR-20CLP	7 or below	0.05 or below	22.6