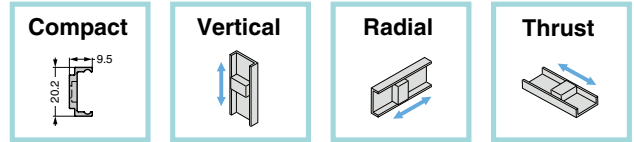


MULTI-ROLLER LINEAR SLIDE SYSTEM MLG Mini Type



● Allows for smooth movement with the unique mechanism called "multi-roller".

[Application]

● Medical equipment, food machine, amusement machine, analytical instruments.

[Recommended Bolt]

● Hexagon socket bolt M4 (for the rail)

[Remarks]

- Please use with stoppers.
- The finish of the mounting holes and the rail edge is plain.

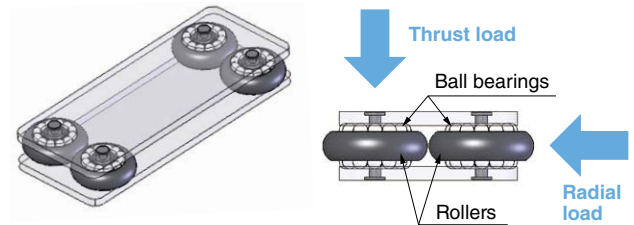
[Parts Included]

● #0-1 pan head screw M2.6 × 4 (for the mounting plate)

[Recommended Screw]

- Hexagon socket bolt M4 (for the rail)
- Screw M2.6 × 4 (Max. length: sheet thickness + 4 mm)
- Screw M4 (for the plate)

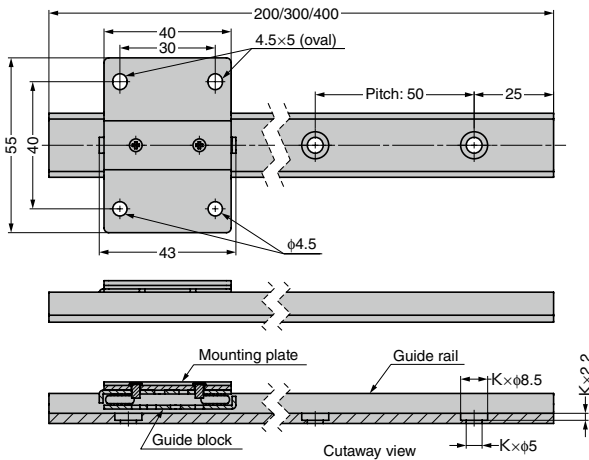
[The Unique Mechanism]



The multi-roller mechanism makes it possible to have smooth movements even with loads applied in radial or thrust directions.

[Combination Drawings]

The guide rail, guide block, and mounting plate are used.



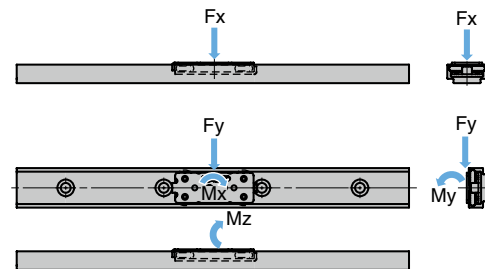
[Rated Load Reference Values] The rated load refers to the load limit .

- Max. load = Static rated load × Static safety coefficient
- Operating load = Max. load × Dynamic safety coefficient
- Max. moment = Static rated moment × Static safety coefficient
- Operating moment = Max. moment × Static safety coefficient

Use Conditions	Static Safety Coefficient		Dynamic Safety Coefficient	
	N	kgf	N	kgf
Low movement frequency with gentle movement	0.4-0.5	0.9-1.0	0.4-0.5	0.9-1.0
High movement frequency with smooth movement	0.3-0.4	0.6-0.8	0.3-0.4	0.6-0.8
High movement frequency with vibration or impact	0.2-0.3	0.3-0.5	0.2-0.3	0.3-0.5

Item Name	Horizontal Static Rated Load Fx		Vertical Static Rated Load Fy	
	N	kgf	N	kgf
MLG-20C	40	4.0	40	4.0

Item Name	Vertical Static Rated Moment Mx		Horizontal Static Rated Moment My		Horizontal Static Rated Moment Mz	
	N·m	kgf·cm	N·m	kgf·cm	N·m	kgf·cm
MLG-20C	1.2	12.2	0.4	4.0	0.8	8.1

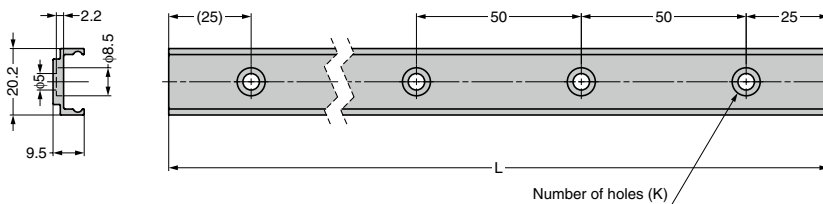


The calculation formula above is for reference purpose only. Please confirm with the actual item before use.

GUIDE RAIL MLG20 MLG Series



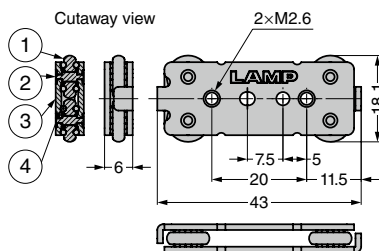
[Recommended Screw]
● Hexagon socket bolt M4



RoHS	CAD	Item Code	Item Name	Length (L)	Number of Holes (K)	Material	Finish	Weight (g)	Box (pcs)
●	●	190-045-763	MLG20-200	200	4	Aluminium Alloy	Anodised Silver	36	200
●	●	190-045-764	MLG20-300	300	6			54	100
●	●	190-045-765	MLG20-400	400	8			72	100

MULTI-ROLLER GUIDE BLOCK MLG-20C MLG Series

[Recommended Screw]
● Screw M2.6 (Max. length: sheet thickness + 4 mm)

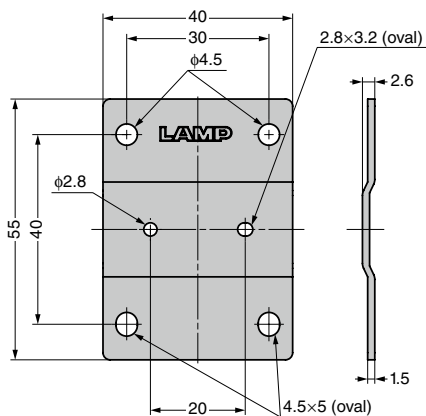


No.	Part Name	Material
①	Roller	POM
②	Pin	Stainless Steel (SUS303)
③	Plate	Stainless Steel (SUS304)
④	Ball	Steel (SUJ)

RoHS	CAD	Item Code	Item Name	Weight (g)	Box (pcs)
●	●	190-045-762	MLG-20C	13	200

MOUNTING PLATE MLG-20-P55-40 MLG Series

[Parts Included]
● #0-1 pan head screw M2.6 × 4
[Recommended Screw]
● Screw M4



RoHS	CAD	Item Code	Item Name	Material	Weight (g)	Box (pcs)
●	●	190-045-766	MLG20-P55-40	Stainless Steel (SUS304)	26	100