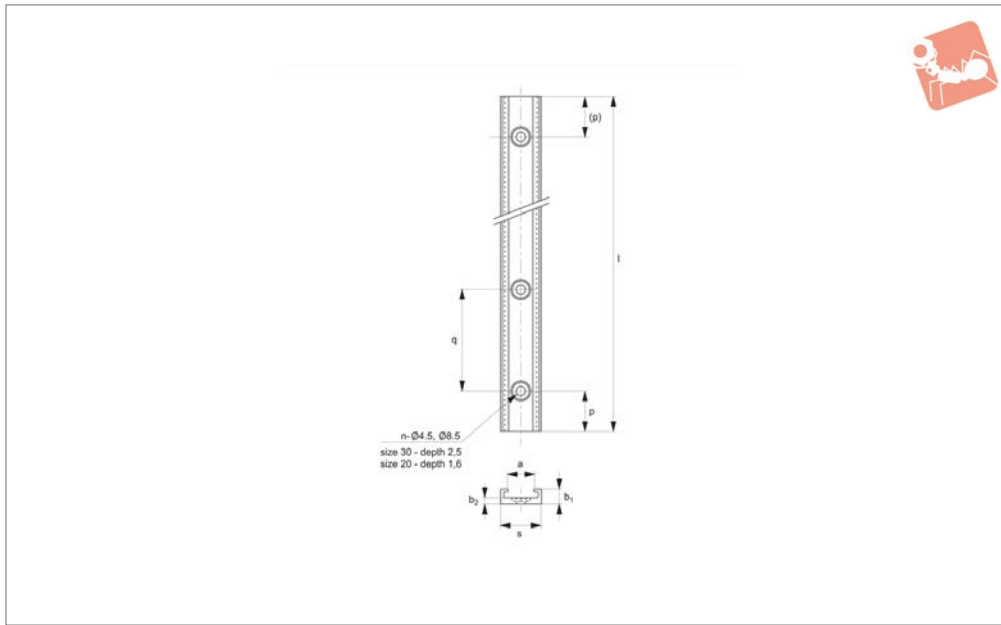




Mini Slide Rail

for use with mini slide carriage P0300

Linear Slides



P0350

LINEAR SLIDES

Material

Aluminium, anodized (except ends).

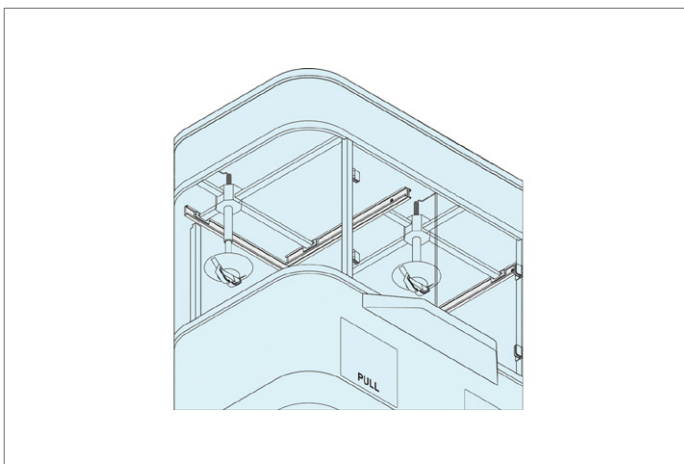
protection against corrosion.

Compact design used in conjunction with mini-slide carriage P0300, suitable for wide variety of applications.

Technical Notes

9-micron anodized film provides excellent

Order No.	Size	Type	l	p	No. of holes in slide length	s	a	b ₁	b ₂	q	Weight g
P0350.AC0010	30	Rail	100	10	3	30	19.8	10.0	3.88	40	39
P0350.AC0020	30	Rail	200	20	5	30	19.8	10.0	3.88	40	79
P0350.AC0040	30	Rail	400	20	10	30	19.8	10.0	3.88	40	159
P0350.AC0080	30	Rail	800	20	20	30	19.8	10.0	3.88	40	312
P0350.AC0200	30	Rail	2000	20	50	30	19.8	10.0	3.88	40	790
P0350.AC0012	20	Rail	100	25	2	20	11.2	8.2	2.88	50	20
P0350.AC0022	20	Rail	200	25	4	20	11.2	8.2	2.88	50	40
P0350.AC0042	20	Rail	400	25	8	20	11.2	8.2	2.88	50	80
P0350.AC0082	20	Rail	800	25	16	20	11.2	8.2	2.88	50	160
P0350.AC0202	20	Rail	2000	25	40	20	11.2	8.2	2.88	50	400





Load ratings

Load rating for mini slider P0300.AC0020 (size 20)

Material values

Coefficient of friction μ 0.15

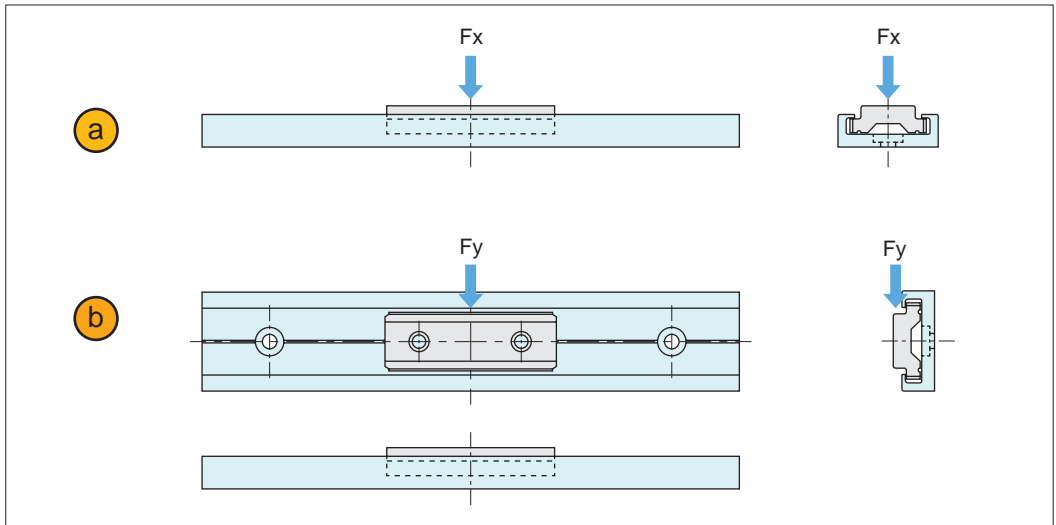
Coefficient of dynamic friction μ_s 0.10

Limited PV value 3 Mpa.m/min

PV = p (pressure Mpa) x V (slide speed m/min)

p = 0.74 Mpa

V = 12m/min



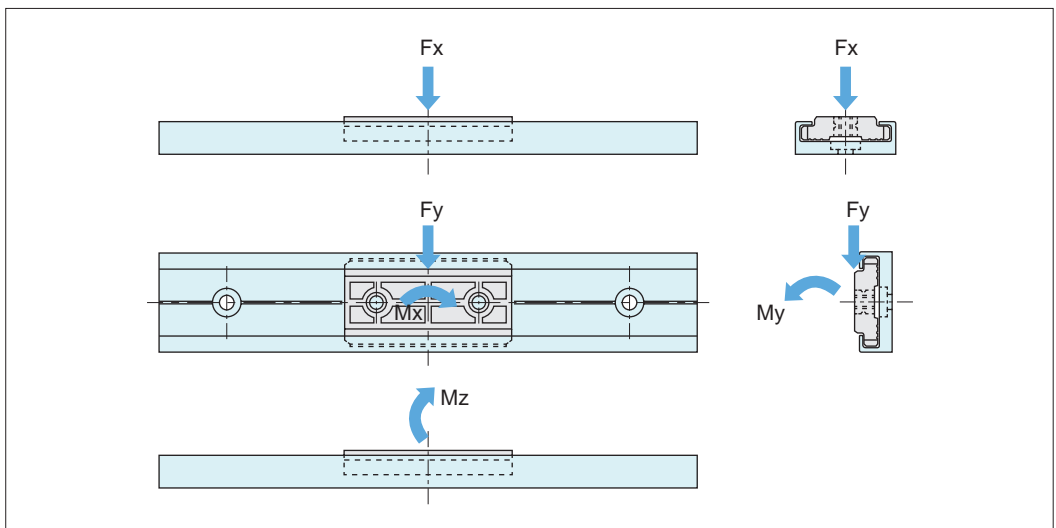
a Horizontal static load F_x

30.6 kgf (67.5 lbs)

b Vertical static load F_y

17.8 kgf (39.2 lbs)

Load rating for mini slider P0300.AC0050 (size 30)



Horizontal static load F_x

26 kgf (57.2 lbs)

Vertical static load F_y

15 kgf (33 lbs)

Vertical dynamic load M_x

25 kgf · cm (21.6 lbs · in)

Horizontal dynamic load M_y

12.5 kgf · cm (10.8 lbs · in)

Horizontal dynamic load M_z

12.5 kgf · cm (10.8 lbs · in)

Important Note: Dynamic and static loads provided as a guide, please apply following reduction factors for application conditions:

Low speed/low operation frequency = use 70 to 90% of load rating.

Moderate speed/high operation frequency = use 35 to 65% of load rating.

High operation frequency with vibration = use 10 to 30% of load rating.