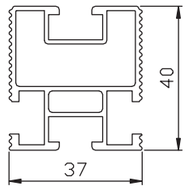
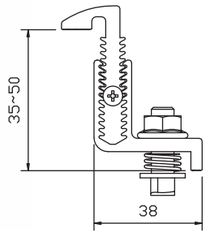
Components List for F-B

318-71091-00 Rail D



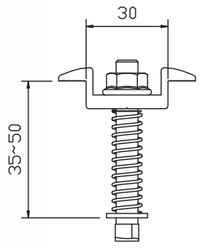
- Material： AL 6063-T6
- Supporting modules, suitable for variety of installations
- Standard types: 2120mm/3140mm/3420mm

760-30034-00 Adjustable End Clamp Assembly - A01



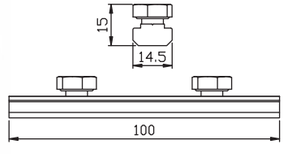
- Material :AL 6063-T6/SUS304
- Fixing modules, suitable for modules of thickness ranging from 35mm to 50mm

760-30056-00 Middle Clamp Assembly - A01



- Material： AL 6063-T6/SUS304
- Fixing modules, suitable for modules of thickness ranging from 35mm to 50mm

760-30086-00 Rail Connector Assembly - A01



- Material： AL 6063-T6/SUS304
- Screw: Hex screw M8*10mm

F-B series Mounting System Mechanical Parameters

Ⅰ、Load Parameters

The intensity, stiffness and stability have direct relation with the cross section and modules' stress has direct connection with deformationand span. The table below is the result of loading capacity according to GB50009-2001(building code and euro code) parameters.

1、Span 1200mm load parameters: :

Parameter / Section	Wind Load(Kn/㎡)	Wind Speed(M/s)	Snow Load(Kn/㎡)	Installation Angle
Angle AL 40x40x4	0.8	30	0.8	adjustable
Angle AL 40x40x5	1.0	32	1.0	adjustable

2、Span 1500mm load parameters:

Parameter / Section	Wind Load(Kn/㎡)	Wind Speed(M/s)	Snow Load(Kn/㎡)	Installation Angle
Angle AL 50x50x4	1.0	32	1.0	adjustable
Angle AL 50x50x5	1.2	35	1.2	adjustable

Ⅱ、Ballast List

Wind load has negative pressure upon front and back modules, which produces upward force upon the whole mounting system. Therefore, it demands mechanics analysis and proper configuration to achieve safety, solidity and stability. Ballast parameters are as below:

Wind Speed(m/s)	≤20	25	30	35
Ballast(kg)	40	70	110	160

Notes: Such mounting system spans 1200mm, and kg is the unit of the ballast for each module.

Ⅲ、Tightening Torque for Screws

The Screw material is SUS304 stainless steel in all our mounting system. M8 Screw is 12-15Nm, and M10 Screw is 15-20Nm.