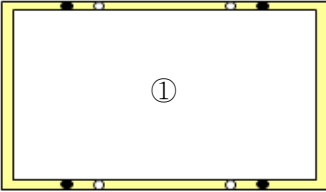
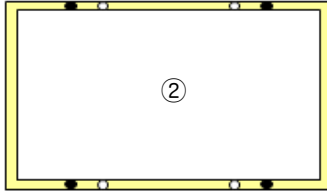
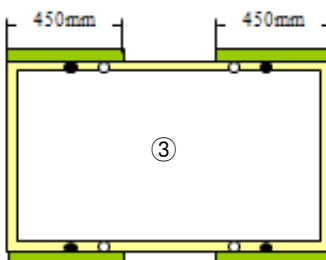
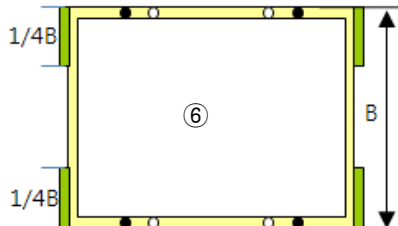
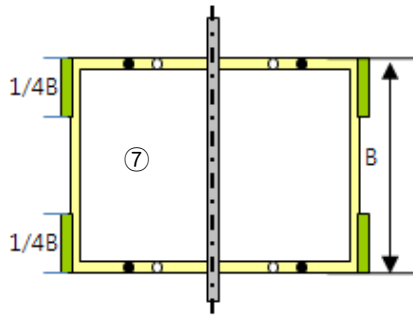
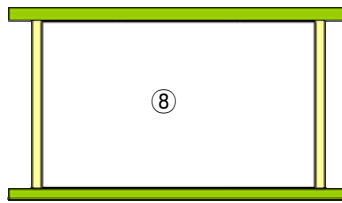
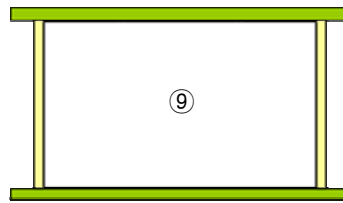


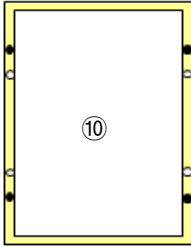
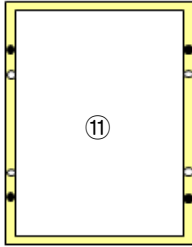
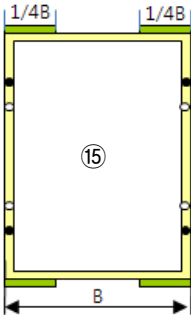
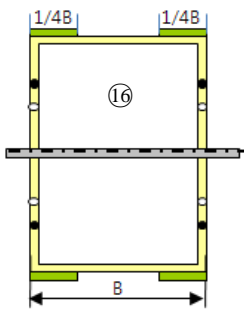
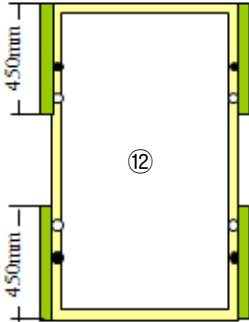
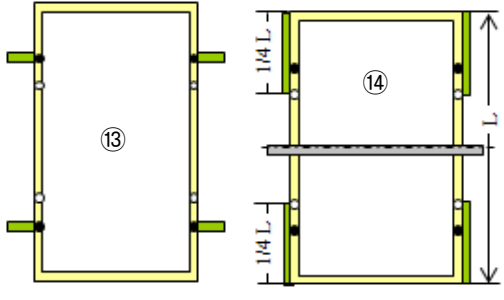
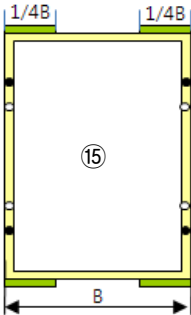
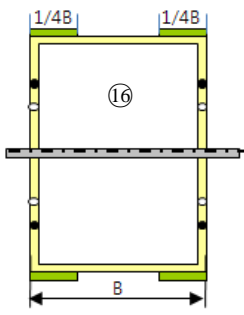
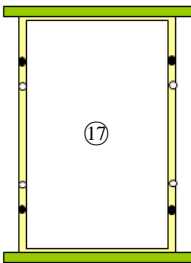
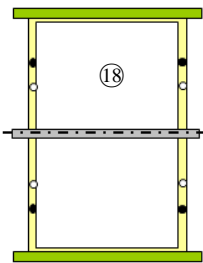
## APPENDIX 1. Module Installation Instruction (HIS-MxxxMF, HIS-MxxxMG, HIS-SxxxMF, HIS-SxxxMG)

### 1) Horizontal (Crosswise) Direction

Method		2400 Pa	5400 Pa
<b>Bolting</b> ● : Mounting hole ○ : Not used hole (For other purpose)	Long Bar		
	<b>Clamping</b> ● : Mounting hole ○ : Not used hole (For other purpose) ■ : Clamping area ▨ : Additional support bar area	Long Bar	
Short Bar			
<b>Inlay</b> ● : Mounting hole ○ : Not used hole (For other purpose)	Long Bar		

- Note
- 1) Additional support should be applied in order to prevent any damage from heavy snow. (⑤,⑦)
  - 2) It is recommended to fix module by the additional supporting parts and supplement clamps on the middle of long bar at the lowest module if installed in heavy snow area. (⑥)
  - 3) This module passes 2,400Pa and 5,400Pa mechanical load tests based on IEC61215 ed.2. The installation methods which are described in HYUNDAI HEAVY INDUSTRIES INSTALLATION MANUAL are covered by 2,400Pa warranty(5,400Pa mechanical load mounting method is certified by TUV Rheinland).

## 2) Vertical (Lengthwise) Direction

Method		2400 Pa	5400 Pa
<b>Bolting</b> ● : Mounting hole ○ : Not used hole (For other purpose)	Long Bar		
	Short Bar		
<b>Clamping</b> ● : Mounting hole ○ : Not used hole (For other purpose) ■ : Clamping area ▨ : Additional support bar area	Long Bar		
	Short Bar		
<b>Inlay</b> ● : Mounting hole ○ : Not used hole (For other purpose)	Short Bar		

- Note
- 1) Additional support should be applied in order to prevent any damage from heavy snow. (14, 16, 18).
  - 2) It is recommended to fix module by the additional supporting parts and supplement clamps on the middle of short bar at the lowest module if installed in heavy snow area (10, 11, 12, 13, 14)
  - 3) This module passes 2,400Pa and 5,400Pa mechanical load tests based on IEC61215 ed.2. The installation methods which are described in HYUNDAI HEAVY INDUSTRIES INSTALLATION MANUAL are covered by 2,400Pa warranty(5,400Pa mechanical load mounting method is certified by TUV Rheinland).