



The steady brace is used in place of a saddle and mount base when installing a load cell to a hopper scale. It eliminates the need to prepare a rolling prevention mechanism such as check rod.

### Features

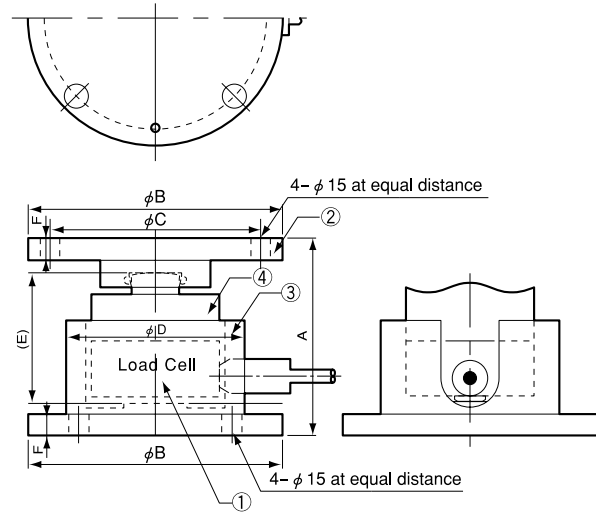
- No need to design and construct any rolling prevention mechanism, thereby reducing construction time and cost
- Less installation space required
- Easy installation to equipment

### To Ensure Safe Usage

To prevent the hopper from falling down, the hopper's center of gravity should be low enough from the installation position of load cell.

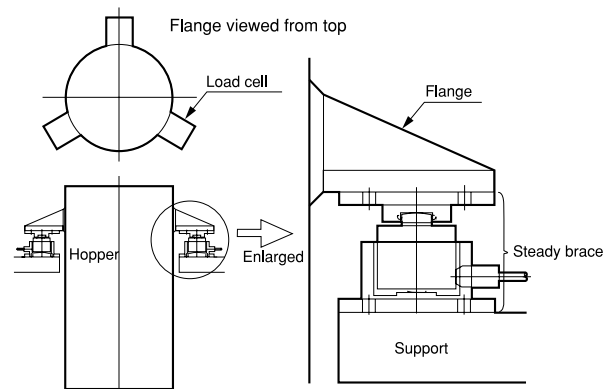
### Dimensions in Combination

#### Load Cell LC-V in Combination with Steady Brace CR



Load Cell ①	Steady Brace ②③④	A	$\phi B$	$\phi C$	$\phi D$	(E)	F	Weight (Approx.)
LC-5TV	CR-5	120	148	126	96	80	13	7 kg
LC-10TV	CR-10	120	158	136	110	80	13	8.5 kg
LC-20TV	CR-20	145	187	164	136	95	15	15.6 kg

### Installation Example



### Behavior of Steady Brace Against Lateral Force

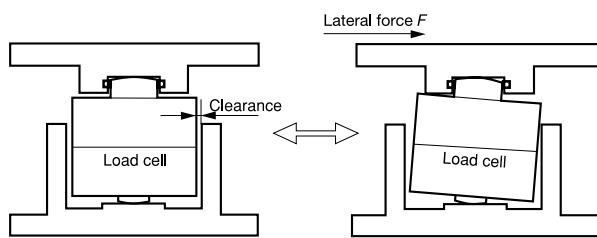


Fig. 1. Normal condition

Fig. 2. When receiving lateral force

(1) As shown in Fig. 2, when a lateral force  $F$  is given, the load cell inclines and the upper section of steady brace moves toward right.

(2) When the lateral force is removed, the load cell and steady brace return to the normal condition shown in Fig. 1.