

### Joining Beam Bracket QKO 120

#### Application

The Joining Beam Bracket enables the attachment of beams on concrete or at other steel girders. The connection of further STF Beam elements is made by Beam Connectors.

In the QKO variant, the flange surface is parallel to the base plate and welded on one side with a support plate. The variant QKOq has the support turned by 90° and thus fixed vertically on the base plate.

#### Installation

Depending on the situation, different options are recommended:

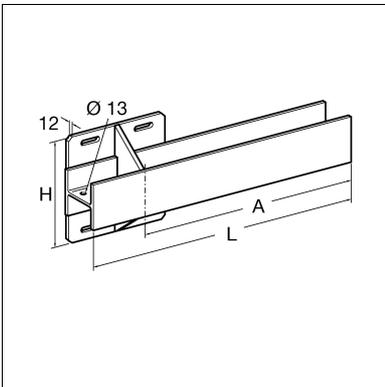
- a) Fixation to concrete by means of 4 heavy duty anchors M12 or M16.
- b) Frictional connection to steel beams with Assembly Set 5P M12 S (for flange width 80 - 120 mm).
- c) Interlocking connection to TKO 100 or 120 by means of Bracket Plates FV 100/120.

#### Technical Data

| Type                        | Dimensions of base plate<br>H x H<br>[mm] | Length of beam section<br>A / L<br>[mm] | Slots in base plate for |
|-----------------------------|---|---|-------------------------|
| QKO 120 and QKO 120q x 600  | 220 x 220                                 | 600/700                                 | M12                     |
| QKO 120 and QKO 120q x 1000 | 220 x 220                                 | 1000/1100                               | M12                     |

Configuration: Base plate and support flange welded to an IPB 120 beam section

Material: Steel, HCP



#### Approvals / Conformity

CE mark (Declaration of performance see [www.sikla.com/service/downloads](http://www.sikla.com/service/downloads))

| Type            | W<br>[kg] | Quantity<br>[pack] | Part<br>number |
|-----------------|-----------|--------------------|----------------|
| QKO 120 x 600   | 23.2      | 1                  | <b>193228</b>  |
| QKO 120 x 1000  | 33.7      | 1                  | <b>193235</b>  |
| QKO 120q x 600  | 22.4      | 1                  | <b>193242</b>  |
| QKO 120q x 1000 | 33.6      | 1                  | <b>193259</b>  |

