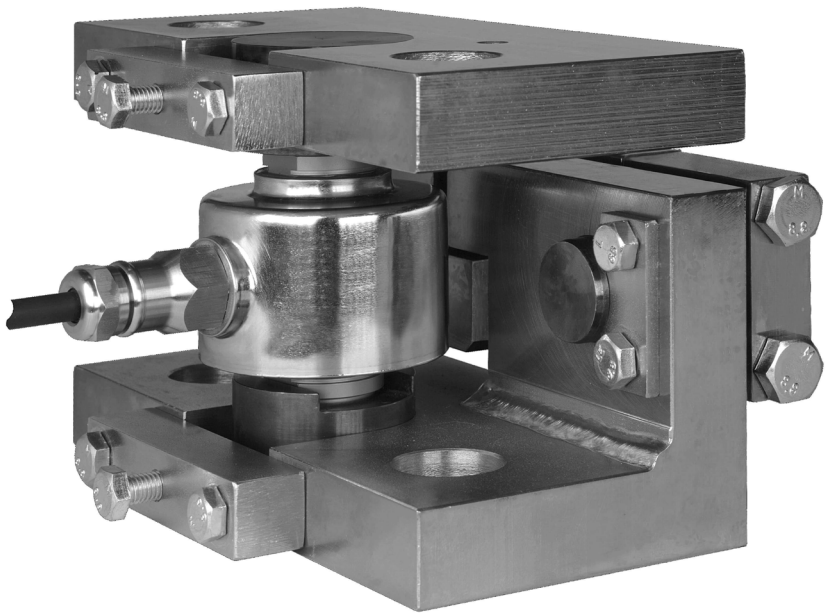
55-01-11 weigh module



product description

Flintec load cell supports are designed to prevent unwanted forces from affecting load cell performance. The 55-01-11 is a self-aligning weigh module, with excellent load introduction. The module is especially designed for use with Flintec rocker column load cells in hopper and tank weighing applications and incorporates an integrated check link to eliminate oscillations caused by slow-moving agitators.

The 5-01-11 will be shipped completely pre-assembled including a blocking plate; ready for installation by welding or bolting.
The module can be zinc plated steel or fully stainless steel.

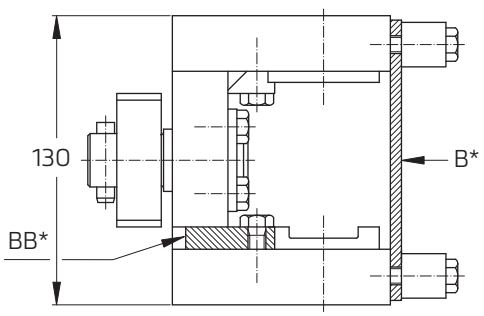
applications

Hopper and tank weighing systems with agitators.

module assembled for shipment and installation

BB* - Blocking bar (x2)

B* - Bracket for shipment and installation



RoHS
compliant

key features

Zinc plated steel or all stainless-steel construction

Capacities 7.5t, 15t and 22.5t

Very easy to install

Very rugged

Especially designed for hopper and tank weighing with slow-moving agitators

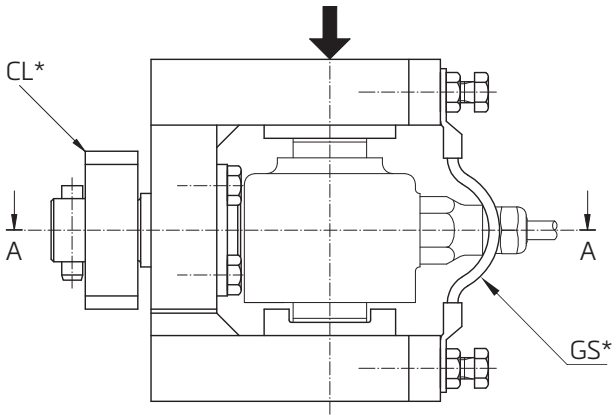
Integrated lift-off protection

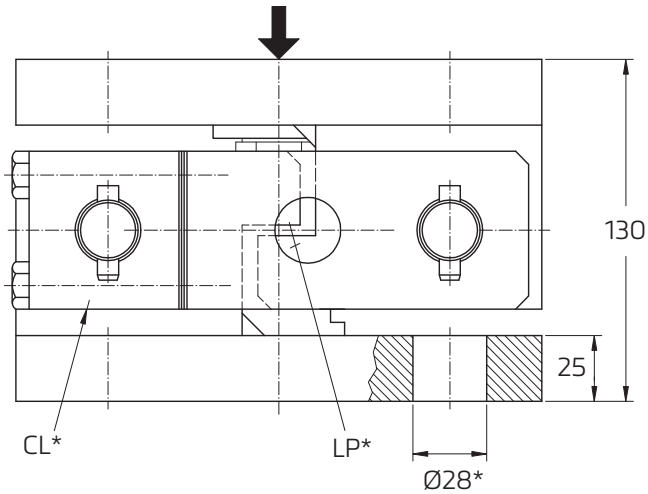
Load cell replacement requires minimum lifting height

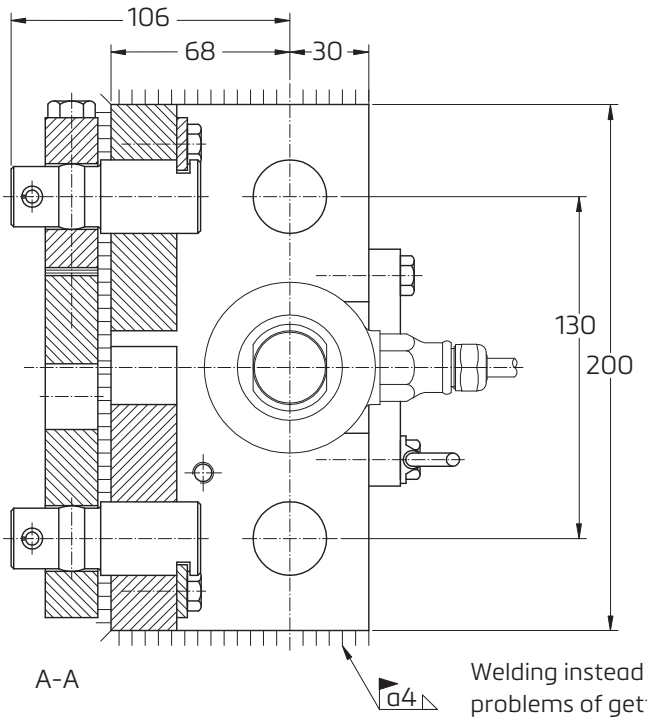
Delivered fully assembled

flintec

product dimensions (mm)







Key

CL* - Check Link
GS* - Ground Strap
LP* - Lift-off Protection
Ø28* - M20 mounting screws (x4) to be used in combination with washer 21x37x3. Screws torqued to 400Nm.

Notes

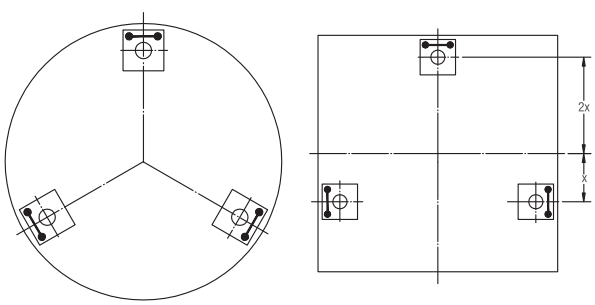
Tank foot and foundation plate to be horizontal:
-within 0.4/100 for legal-for-trade
-within 0.8/100 for general application
Max force on check link: 70kN
Max force on lift-off protection: 100kN
Module weight excluding load cell: 13kg

CAD files for customer's application drawings are available on request.

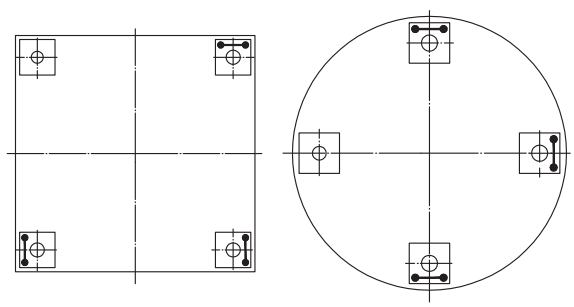
Welding instead of bolting is a very practical alternative, eliminating the problems of getting the holes on top and bottom lined up. (Weld as shown)

check link orientation

3 load cells



4 load cells



Unit with check link

Unit without check link

Dimensions and specifications are subject to change without notice.