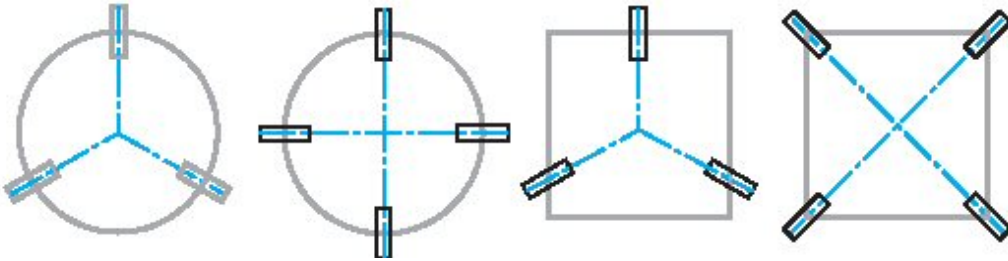
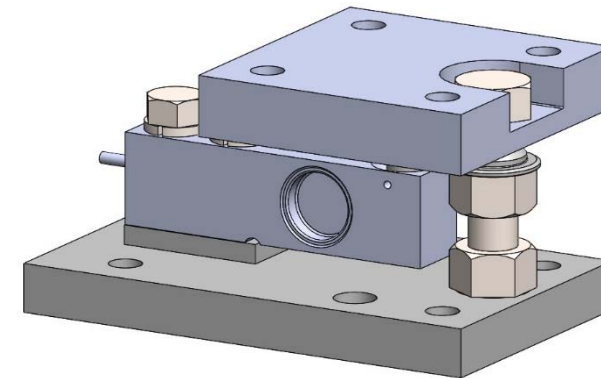
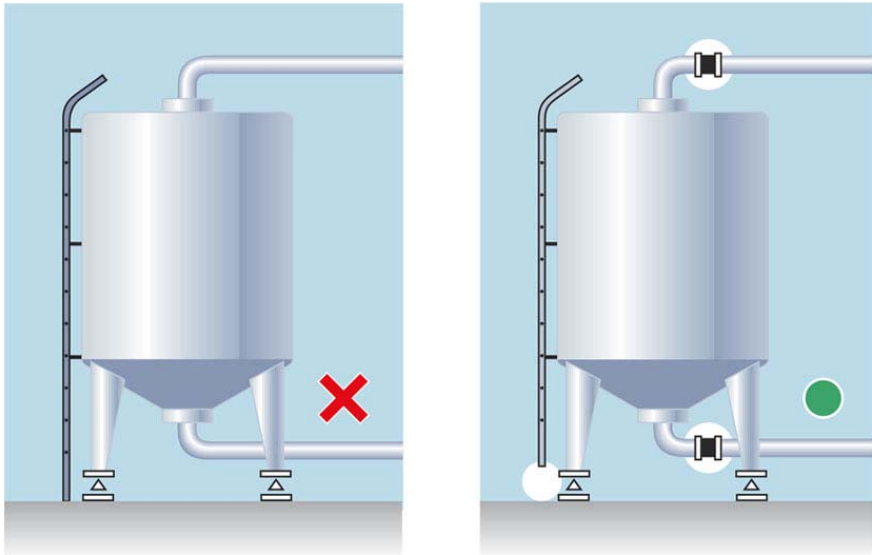


Example of LOAD MODULE orientation



# Advices for mounting Tank Mount Weigh Module



To achieve good weighing results, always use flexible connections to the vessel and check that no ladders or other arrangements connect the weighed vessel to surrounding foundation, walls or roof.

**BLH NOBEL**  
A VPG Brand

Vishay Nobel AB

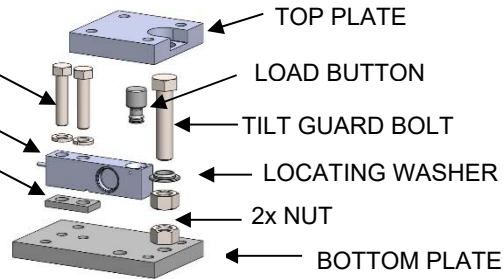
Box 423, SE-691 27 Karlskoga, Sweden  
Phone +46 586 63000, Fax +46 586 63099  
e-mail: [BLHNobel.se@vpgsensors.com](mailto:BLHNobel.se@vpgsensors.com)  
[www.blhnobel.com](http://www.blhnobel.com)

Publication 601 625 r0  
© Vishay Nobel AB, 2020-02-23  
Subject to changes without notice.

**BLH NOBEL**  
A VPG Brand

1

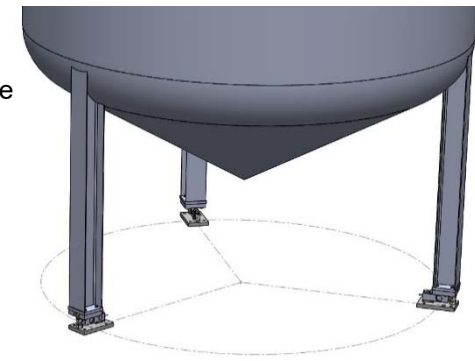
## Standard WEIGH MODULE parts

2x FASTENING BOLTS  
AND LOCK WASHERSLOAD CELL  
DISANCE PIECEAssemble LOAD CELL, BRACKET,  
and YOKE to one LOAD MODULE.

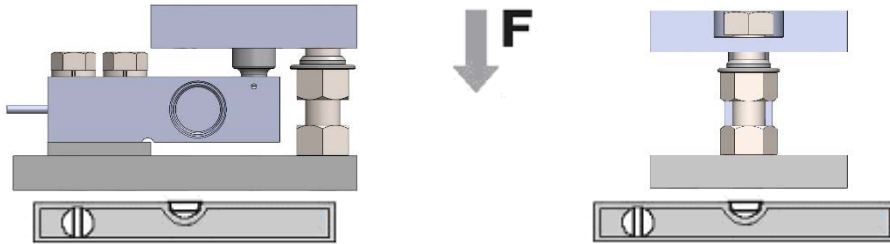
5

Attach TOP PLATE under the vessel supports and position the vessel on the WEIGH MODULES. Observe that the bedding should be horizontal.

Mark the hole pattern and drill. Mount the bolts; re-position the WEIGH MODULES and the vessel.



2

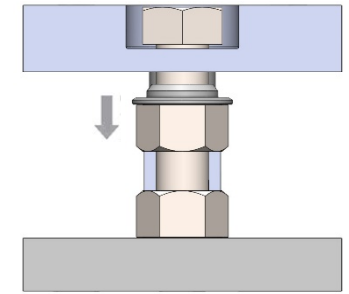


Level the WEIGH MODULE BOTTOM PLATE within  $\pm 1^\circ$  in both directions. TOP PLATE within  $\pm 1^\circ$  in both directions. Lock TILT GUARD BOLT by tightening bottom NUT.

6

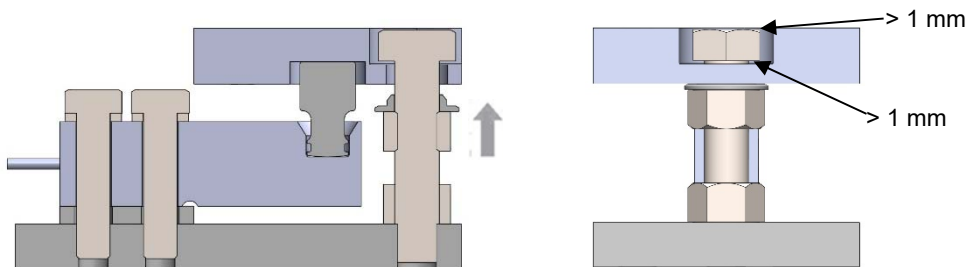
Lower LOCATING WASHER in order to ensure a semi floating installation.

For installations with four LOAD MODULES or more, the LOAD CELL output signals should be checked. Add shims between vessel support and TOP PLATE to achieve similar signal levels.



3

Recommended loading point, LOAD BUTTON centered in TOP PLATE is ensured by having LOCATING WASHER in upper position at installation. Make sure that there is a minimum 1 mm gap between TOP PLATE and TILT GUARD BOLT.



7

Important notices:

**IMPORTANT! WHEN DELIVERED THE MODULES ARE ONLY MOUNTED FOR TRANSPORTATION!**

Tighten all bolts and nuts according to engineering standards.

Do not perform any welding with the WEIGH MODULE in place.

4

Observe loading point position relative surrounding mechanical construction. It is very important that this is strong and must be rigid enough.

