1	2	3	4	5	6	7	8	9	10	11		12
		· · · · · · · · · · · · · · · · · · ·						REVISION CHANGE DESCR	RIPTION	CR No. DRAWN	APPROVED	DATE
INSTALLATION INSTRUCTIONS							1 For 10t capacity mounting bolt size (T2) was corrected as M12 ECR 2473 KAV					
GENERAL:					2 T1, T2, OD names interchanged to match catalog. D3 added ECR 3034 KAV							
				7 Set the "	7. Set the "lift off gap" (G)to 2-3 mm and lock the lift off screw with the locknut							
The modules can preferably be welded to load carrier and foundation, which eliminates): 001 mo									
problems of getting holes on top and bottom lined up. Or, for example, bolted on top and		8. Repeat	8. Repeat the procedure described in step 4 to step 7 for all weigh modules						I	A		

В

С

D

G

н

welded on bottom. The modules are delivered as separate parts and need to be assembled with dummy load cell before start instalation. (FIGURE 1)

INSTALLATION - WELDED MODULE:

- Position the preassembled modules (with dummy) on the foundation plates and put on the load carrier as shown in FIGURE 2 1.
- 2. Weld modules on top and bottom as shown on FIGURE 2
- Loosen the lift off protection bolt as far as possible. position the locknut in the middle section of the lift off protection bolt. 3.
- For one module at a time, lift the load carrier slightly 6-8 mm to allow removal of the dummy load cell. Lifting is preferably done with a hydraulic jack positioned in suitable position close 4. to the module.

CAUTION - observe the lift off protection bolts while lifting. when the bolt head + washer touches the bottom mounting plate, stop lifting and repeat step 3

- Remove ONLY the dummy load cell and replace with the load cell. 5.
- Lower the load carrier onto load cell and remove the jack. 6.

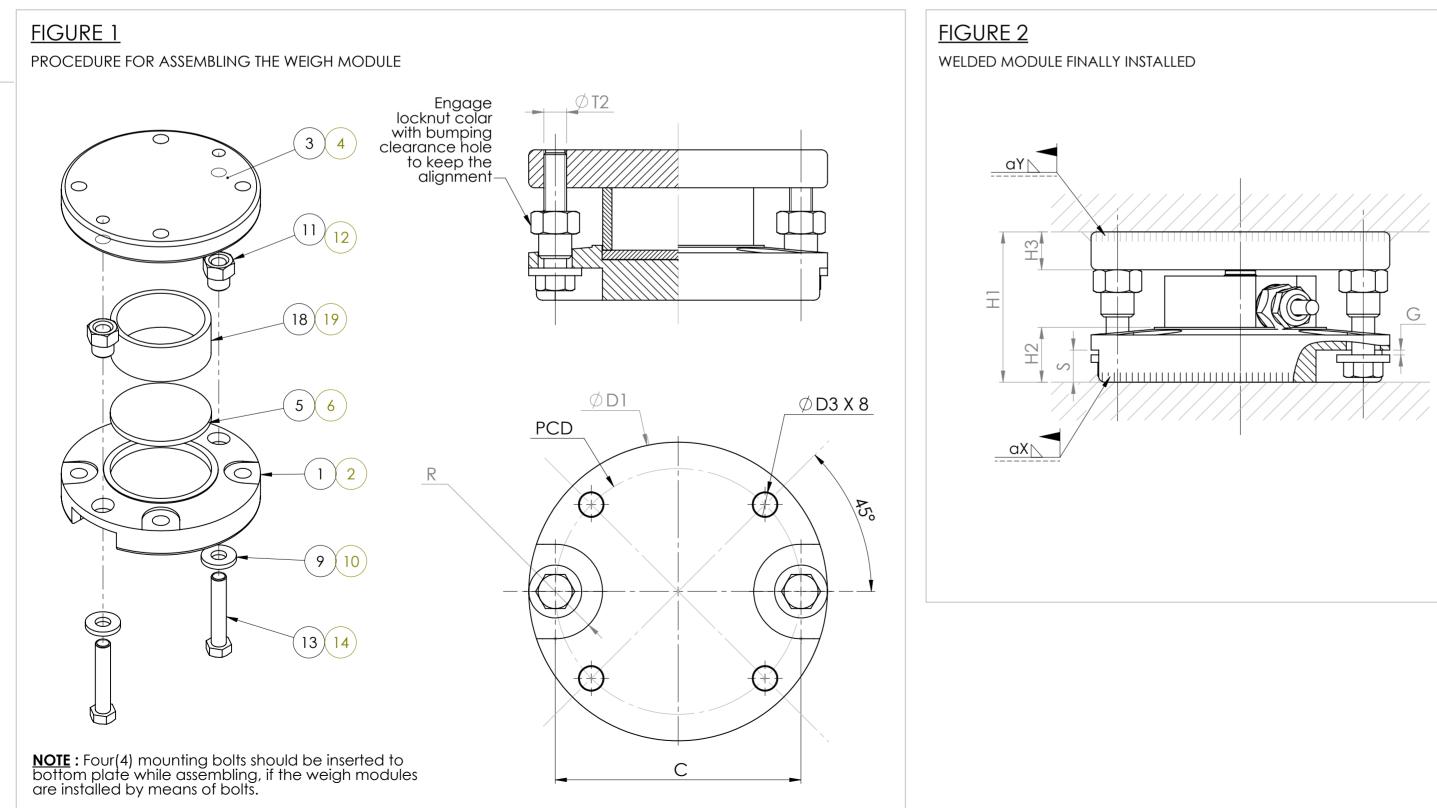
2

3

4

CAUTION - observe the lift off protection bolts while lowering. tighten the bolts as the load carrier is lowered

Load cell type Part list -Part list -Block ł Q PCD D1 С R H1 H2 H3 S T2 T1 D3 /Capasity Mild steel Stainless Nm mr Q50/0.5 - 5t 130 158 130 25 29 9 4-82886-A 4-82886-B 79.5 20 17 M12 M12 13 50 Q50/10t 4-82887-A 4-82887-B 146 188 146 27.5 104 37 30 20 50 12 M16 M12 13 Q50/20-30t 4-82888-A 4-82888-B 185 35 124 42 32.5 150 185 228 20 M16 M16 17 121



5

6

INSTALLATION - BOLTED MODULE:

- 1. Fix the preassembled modules on the foundation plate using four(4) mounting bolts on the bottom plate and put the load carrier on the weigh module.
- Mark all the hole positions for the bolts on load carrier. 2.
- 3. Lift the load carrier, drill/tap on the marks and lower on the weigh module. Make sure the load carrier is properly aligned with the weigh module with respect to the mounting holes
- For one module at a time, lift the load carrier slightly 20~25 mm to allow removal of the dummy load cell. Lifting is preferably done with a hydraulic jack positioned in 4. suitable position close to the module.
- 5. Disassemble top plate from the lift off protection bolts and fix it to the load carrier.
- Remove ONLY the dummy load cell and replace with the load cell. 6.
- 7. Lower the load carrier onto load cell and remove the jack.

CAUTION - observe the lift off protection bolts while lowering. tighten the bolts as the load carrier is lowered.

INFOMATION - Use blocking (block height should be selected from the bellow table) while lowering the load carrier. This will allow the lift off protection bolts to easily engage with the top plate.

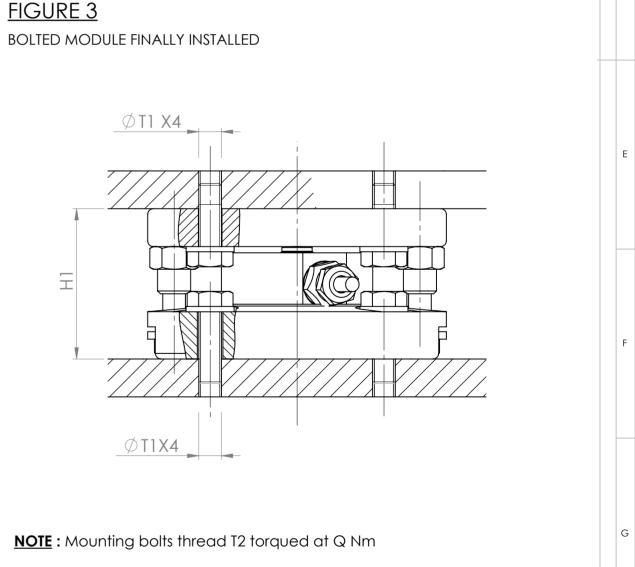
- 8. Set the "lift off gap" (G)to 2-3 mm and lock the lift off screw with the locknut
- 9. Repeat the procedure described in step 4 to step 7 for all weigh modules

RELATED DRAWINGS:

3-82725 - Outline drawing

height Im	Weld size Xmm	Weld size Y mm	Max Lift off force kN	Max side force kN	Weight Excluding load cell kg
25	6	4	50	50	6.25
27	6	4	100	100	11.5
50	8	6	150	150	19.5





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