Rev	Date	Sign/Appr	Description
1	010102	N.A	Flatness 0.2/100 was Φ0.2/100
2	040125	N.A	Text added to item 1.

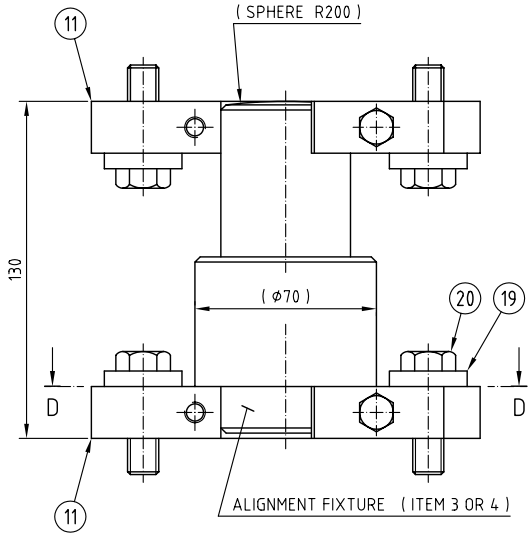


FIGURE A

(ALIGNMENT OF CLAMPING PLATES)

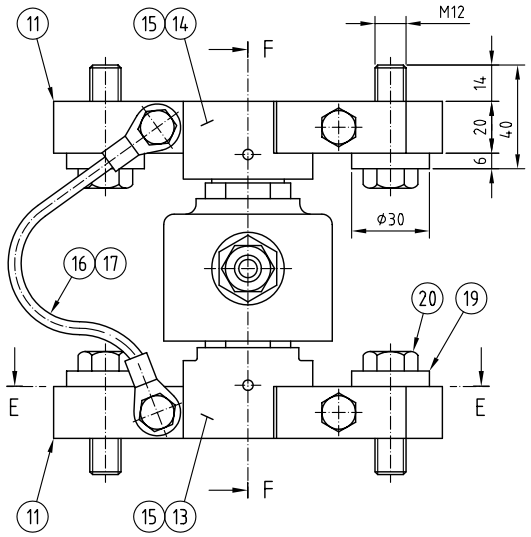
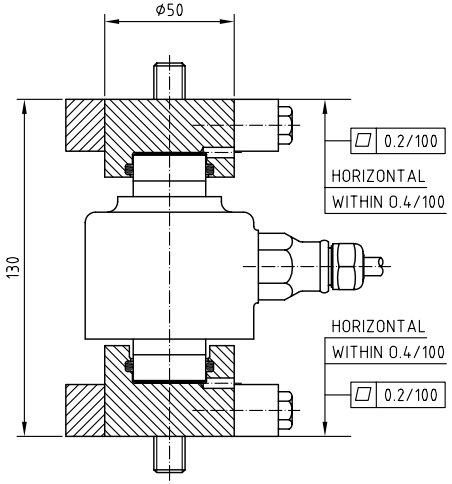


FIGURE B

(KIT AND LOAD CELL INSTALLED ON SITE)



F - F

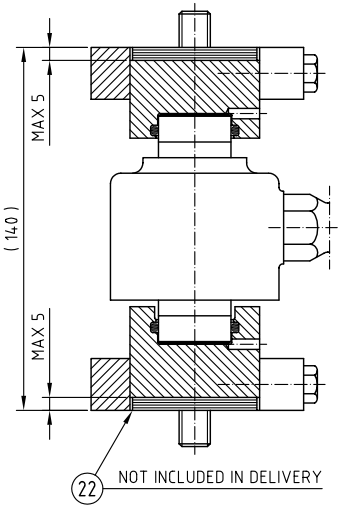
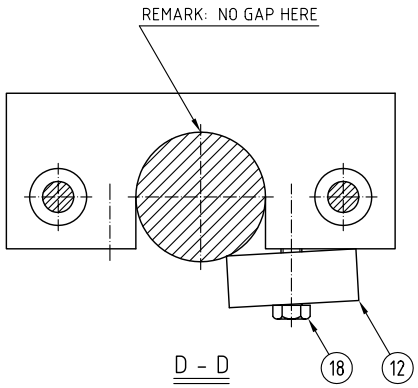
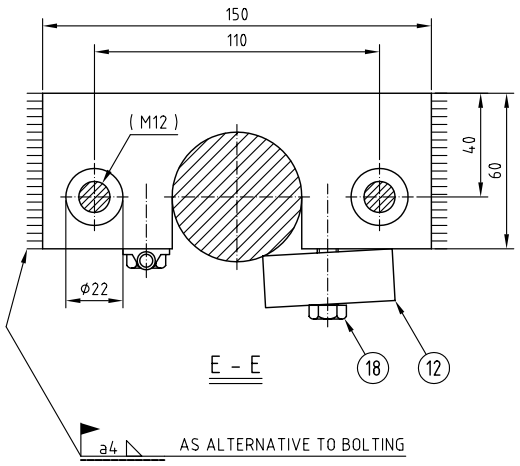


FIGURE C

(HEIGHT ADJUSTMENT)



D - D



E - E

PARTS LISTS: 4-7361-A FOR ZINC PLATED

4-7362-A FOR STAINLESS

WEIGHT EXCLUDING LOAD CELL: 3 kg

INSTALLATION INSTRUCTION

Welding top and bottom clamping plates (11) is the recommended installation method. This eliminates all problems with getting holes in load carrier and foundation to match.
See section E-E for weld sizes.

Below is described how to install by bolting:
1. Assemble the the clamping plates (11) with the alignment fixture as shown in figure A and position on the foundation. Same quantity of fixtures as load cells ought to be used. As an alternative, block the load carrier (height=135) and use one fixture. Also see item 7.
2. Fasten the lower clamping plates with the screws (20) centered in the large clearance holes but do not torque.
3. Lower the load carrier and position so that the all upper screws (20) can be inserted.
If required, lift locally a couple of mm, loosen the lower clamping plate that from beginning was centered and move the entire unit within the clearance (M12 screw in Φ22 hole).
4. The upper clamping plates can also be rotated around the fixture to allow matching the hole centers. Loosen the clamp screw (18) slightly to allow rotation. After rotation tighten the screw again to make sure there is no gap between the fixture and the clamping plate. See section D-D.
5. Torque all clamping screws (20) hard.
6. Lift the the load carrier a couple of mm at one support at a time. Remove the fixture and insert the load cell assembled with the loading cups as shown i figure B.
7. Depending on type of application other installation methods may be used. For example, the Flintec Bubble Level can be used for lining up the loadcell vertically.

Note! In case the mounting screw holes don't match and it is impossible to fit all screws into their holes it is recommended that the clamping plates (11) are installed with bolting on top and welding on bottom. After welding, clean the welds and apply protective paint.

Height adjustment.
Circular shim washers (22) can be inserted at the loading cups, as shown in figure C, to compensate for uneaven load distribution and/or raise/lower the load carrier. 5+5 mm can totally be inserted at each load cell.

Qty / Group	Item	Description	Material/Drg No	Remarks
D C B A	NA	NA KN 001128	11	

APPLICATION KIT TYPE 55-01-07D
FOR LOAD CELL TYPE RC3-.....22.5 t
ASSEMBLY / OUTLINE DRAWING

Tolerances, unless otherwise specified, acc. to ISO 2768 medium Hole tol. acc. to ISO tol. H12.

FLINTEC

Drawing No. 1-7365 Sheet

Rev. No. 2