

FIGURE 1

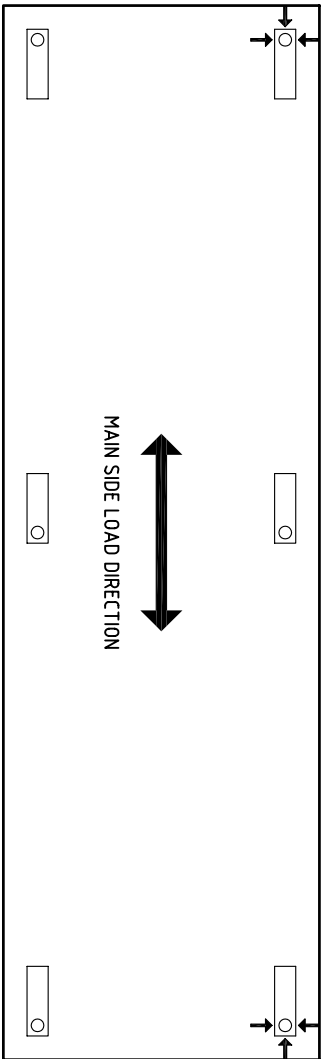


FIGURE 2

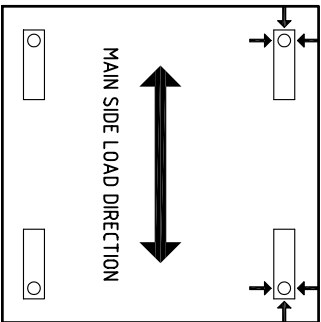
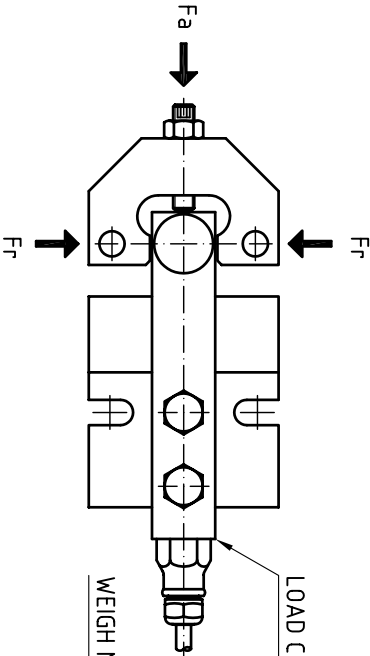
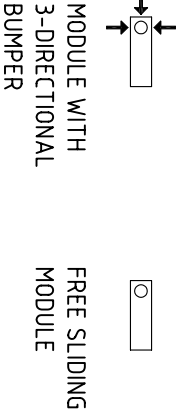


FIGURE 3

DRAWING SYMBOLS



Max  $F_a = 200\%$  of load cell capacity (  $E_{max}$  )  
Max  $F_r = 100\%$  of load cell capacity (  $E_{max}$  )

1. 3-directional bumpers are normally used when very high side loads ( $F_a$ ) are expected. (Up to 200% of rated load).
  2. Bumper at  $F_a$  is adjustable by a set screw. Bumpers at  $F_r$  are fixed.
  3. The 3-directional bumper modules shall be oriented as shown, when the load cells are mounted to the foundation. This will ensure that bumper gaps at  $F_a$  do not close in case the load carrier elongates due to thermal expansion or due to deflection.
- In case the load cells are mounted in the weighbridge (up side down) the 3-directional modules shall be rotated 180° from shown.
- Orientation of the free sliding modules can be freely chosen.

Design/Drawn	Issued/Date	Scale	Tolerances, un- less otherwise specified acc. to ISO 2768 medium Hole tol. acc. to ISO Tol. H12.		Drawing No.	Rev No.
NA	NA	KN	070629	-	3-7511	3 of
ORIENTATION OF WEIGH MODULES TYPE 52-13 WITH 3-DIRECTIONAL BUMPER, IN SCALES OF VARIOUS SHAPES				FLINTEC		
				-		

Rev	Date	Sign/Appr	Description