



Load forces (kN) in the assumed areas Max. speed 10 km/h									
	F ₁	F ₂	F ₃	F ₄	F ₅	F ₆	F ₇	F ₈	F ₉
Operation and home position	-	65	18	58	-	1	56	4	5
Activation of "automatic safety device" (hose safety device)	65	55	-	13	65	1	98	30	122

BL	BW		
2500			
2750	2400	2400	2550
3000			
BB	2000	2100	2250

BL = Ordering length
 BB = Ordering width
 LH = Height of dock leveller
 DH = Ramp height
 BW = Centre-to-centre of buffers
 All dimensions in mm.

Important on site:

Construct the pit with dimensional accuracy and at right angles on all sides. The concrete quality must be at least C20/25.

The rear wall must be flat and suitable for holding M16 drill-in anchors.

- (1) Grouting collets M20 for buffer fastening, 2 on each side
- (2) Edge angles: 70 × 70 × 7 mm, sufficiently anchored, in the area of the load forces at least 3 anchors FeB 500 Ø 10 × 400 mm on rear
- (3) Mounting plate: 300 × 300 × 200 mm, with 4 anchors FeB 500 Ø 20 × 800 mm
- (4) UPVC tubes Ø 50 mm, max. angle 45°, arrangement directly behind the facade, at least 150 mm distance from the door opening.

Drawing: 238-1011

Date: 6/2011

HLS

Requirements for a pit with tailboard slot
Rated load 60 kN