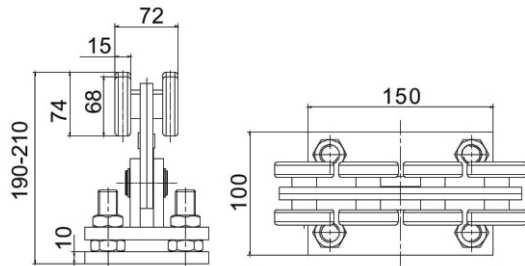




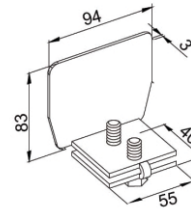
Max. Opening Size 5.8 Meters  
Max. Gate Dead Weight 650KG  
Gate Height Loss 190-210mm

## Hardware Dimensions

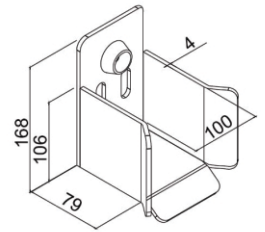
Cantilever Carriage  
Wheels



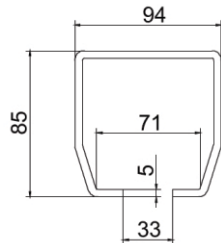
End Cap



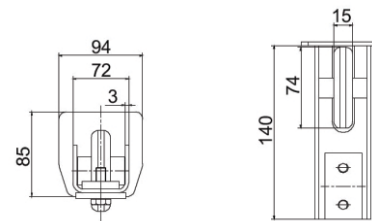
Top Catcher/Resting Point



Cantilever Channel



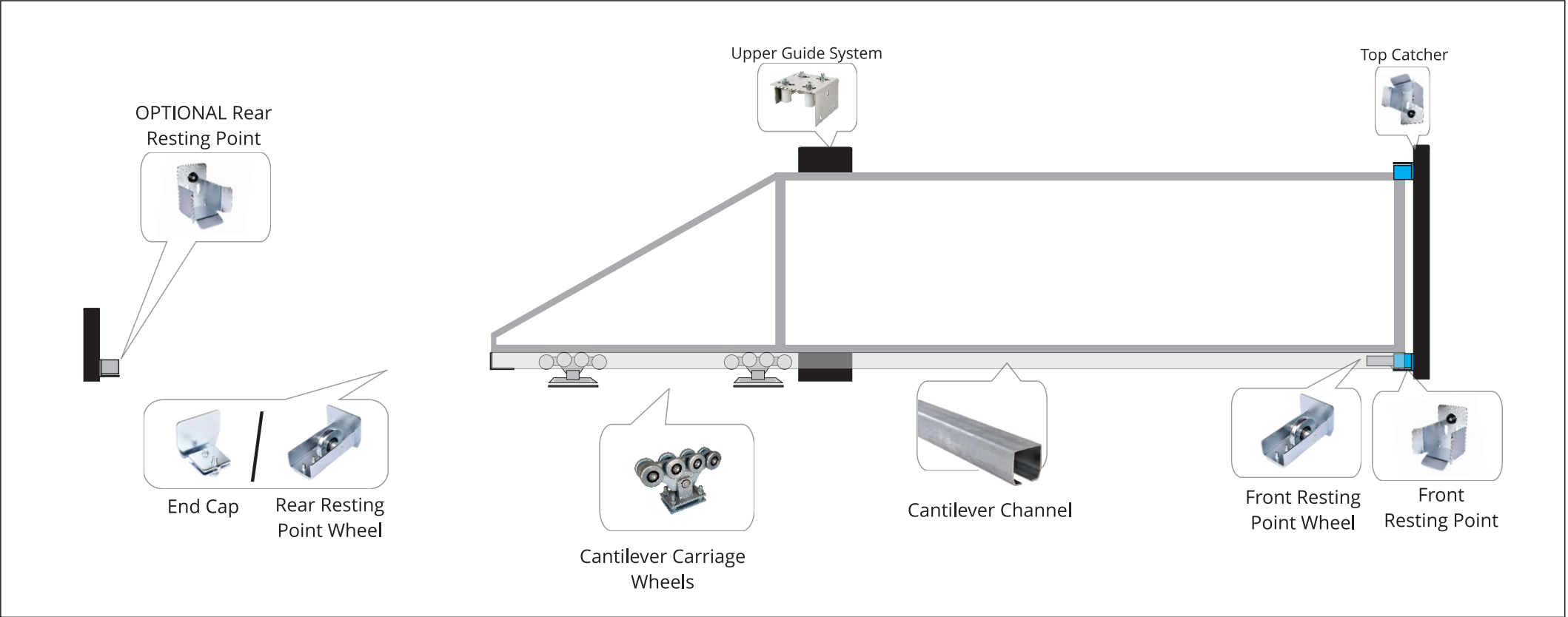
Front Resting  
Point Wheel



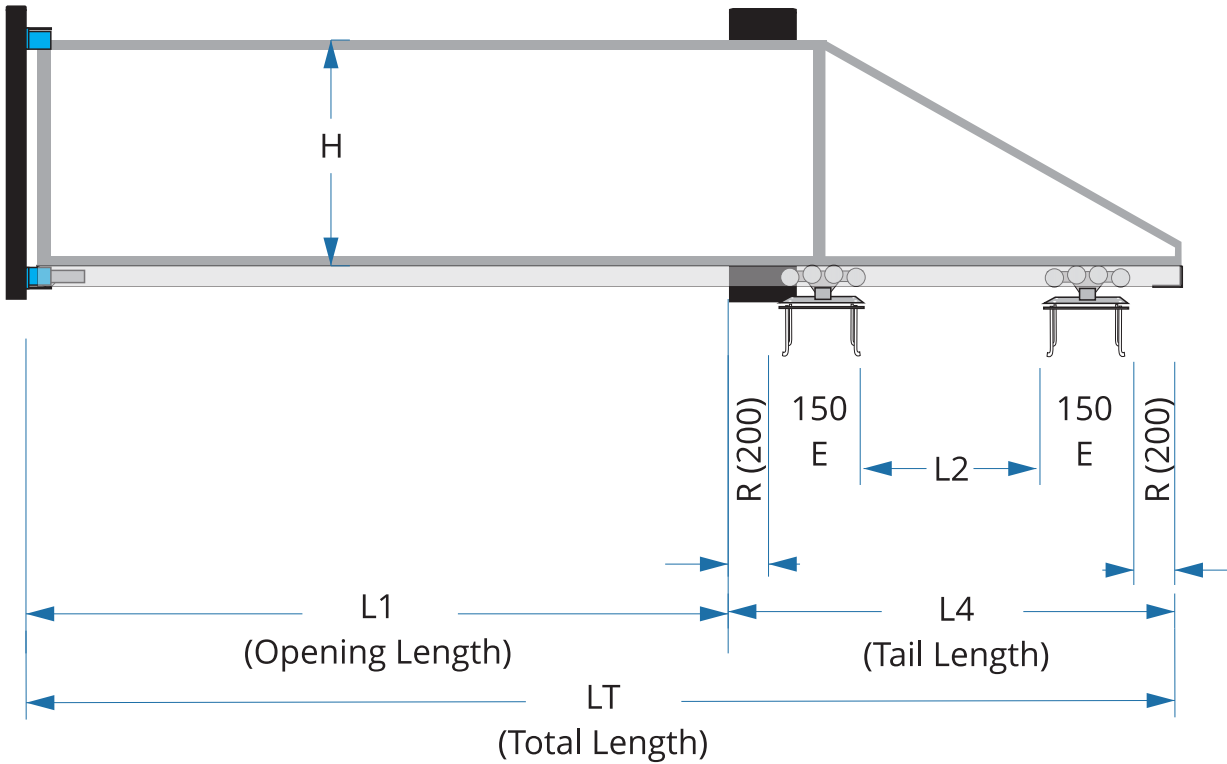
## Brief

- 1: Pour the concrete foundation and allow cure time
- 2: Install the carriage base plates to the concrete foundation with the appropriate L2 Measurements
- 3: Install the carriages to the base plates and ensure they are perfectly level to one another, a section of cantilever channel can be used to make the adjustment.
- 4: Install the Upper guide roller system then install the gate in place
- 5: Install all resting points, guide wheel, top catcher and end caps

# General Layout



## Calculations



### Dimensions Formula

$L1$  is the on-site opening size

$L2$  (Trolley end to trolley start) is typically 30% of  $L1$  (Opening Length)

Working out the Tail Length  $L4 = L2 + (E+E+R+R)$

Total Length ( $LT$ ) =  $L1 + L4$

### Formulated Examples

GATE						CAPACITY Kg	WEIGHT Kg x ML	BASE			
L1 ML	L2 ML	L4 ML	LT ML	H ML	E MM			A ML	B ML	C ML	BASE WEIGHT Kg
4	1.3	2.3	6.3	1.8	300	650	95	2.5	0.6	0.5	1500
5	1.5	2.5	7.5	1.8	300	550	80	2.8	0.6	0.5	2300
5.8	1.8	2.8	8.8	1.8	300	450	70	3.2	0.6	0.5	2750

### General Rule Base for Trolley System

see formulated examples for best suited

