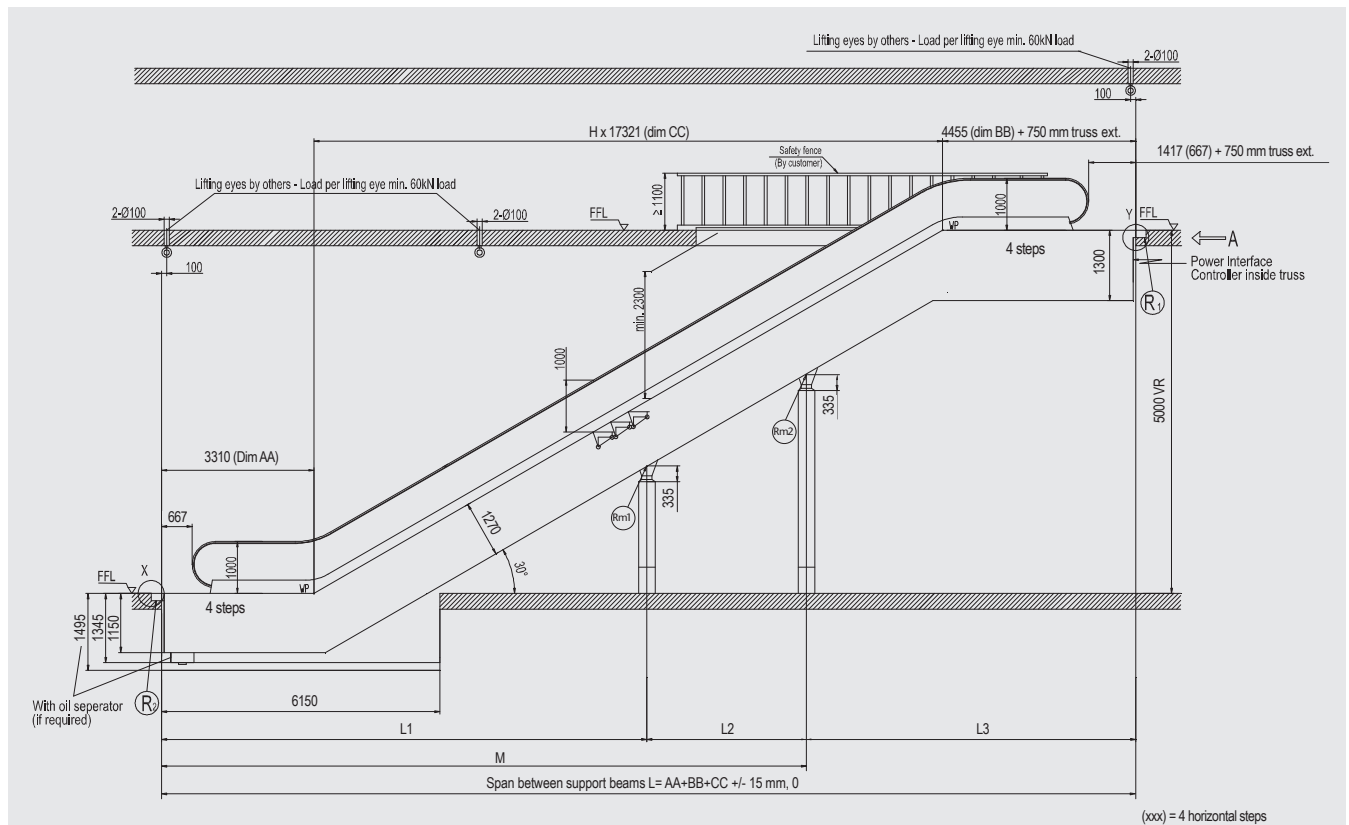


# KONE TransitMaster™ 140 planning dimensions

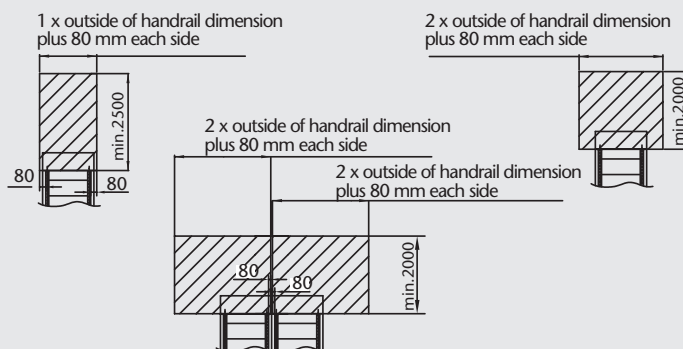
## ARCHITECTURAL PLANNING DATA

30° INCLINATION / 2.7 TRANSITION RADII / 1000 MM STEP WIDTH / 4 HORIZONTAL STEPS AT EACH LANDING

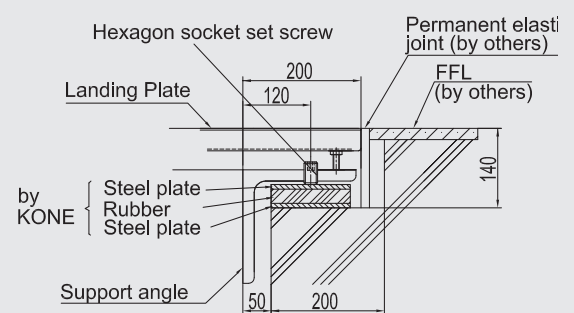
CODE: GB 16899-2011



### Passenger circulation area requirements To comply with GB16899-2011

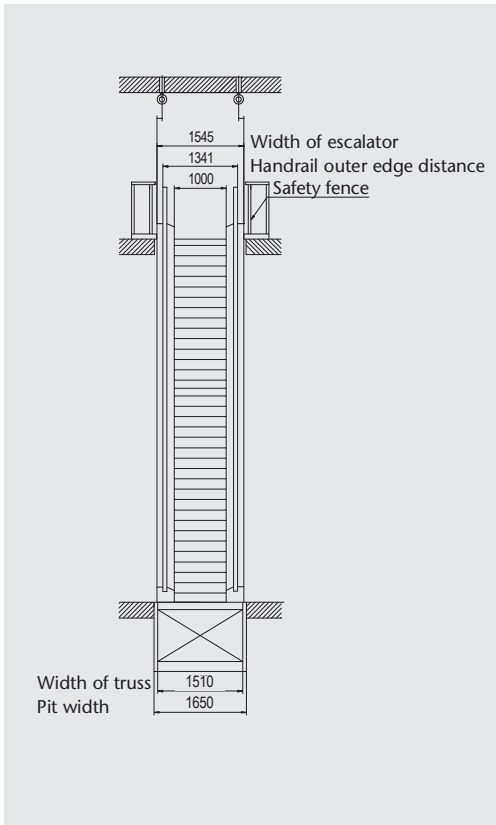


### Escalator mounting detail X/Y



### Reaction force (kN)

	R1	R2	RM1	RM2
Without intermediate support	$6.0L / 1000 + 28$	$6.0L / 1000 + 8$	–	–
With one intermediate support	$6.0(L-L1) / 1000 + 28$	$6.0L1 / 1000 + 8$	$6.8L / 1000$	–
With two intermediate supports	$6.0L3 / 1000 + 28$	$6.0L1 / 1000 + 8$	$6.8(L1+L2) / 1000$	$6.8(L2 + L3) / 1000$



- All dimensions are in millimeters
  - Maximum vertical rise  $H = 15.57\text{ m}^*$
  - One intermediate support is required when the span (L) exceeds  $L = 16800\text{ mm}$ . Second intermediate support required when span (L) exceeds  $L = 32000\text{ mm}$
- If intermediate support is required, please contact your KONE sales organization
- Truss extensions are required at the upper head depending upon height rise and motor size. For these dimensions please contact your local sales organization

\* For rises above 15.57 m please contact your local KONE Sales organization.

Note:  
If you would like to obtain the exact dimensions for your specific project, we recommend you use the Escalator Design Tools, which can be found on [www.kone.com](http://www.kone.com).

Type			W1: Width of step	AA	BB	CC	FF	HL	HI	HU
Std. Truss	30-4/4 (HI = 1350) truss dim	R2.7/2.0	1000	3310	3705	1.7321H	6150	1150	1270	1300
		R3.6/2.0	1000	3310	3940	1.7321H	6150	1150	1270	1300
Reinf. Truss	30-4/4 (HI = 1550) truss dim	R2.7/2.0	1000	3310	3705	1.7321H	6550	1150	1470	1300
		R3.6/2.0	1000	3310	3940	1.7321H	6550	1150	1470	1300
Reinf. Truss	30-4/4 (HI = 1800) truss dim	R2.7/2.0	1000	3310	3705	1.7321H	7050	1150	1720	1300
		R3.6/2.0	1000	3310	3940	1.7321H	7050	1150	1720	1300

Truss extension is not include in AA/BB/FF

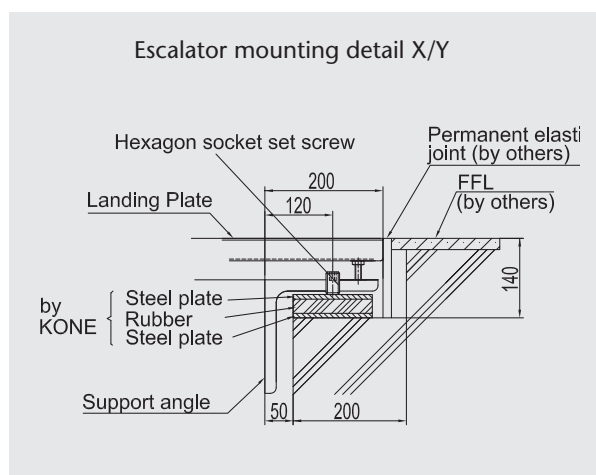
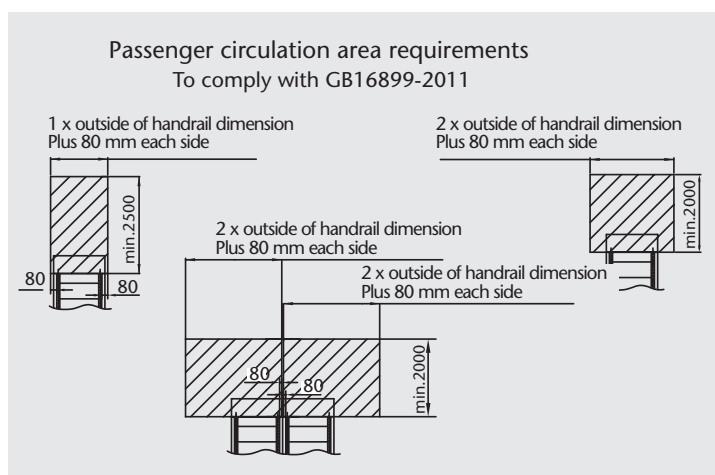
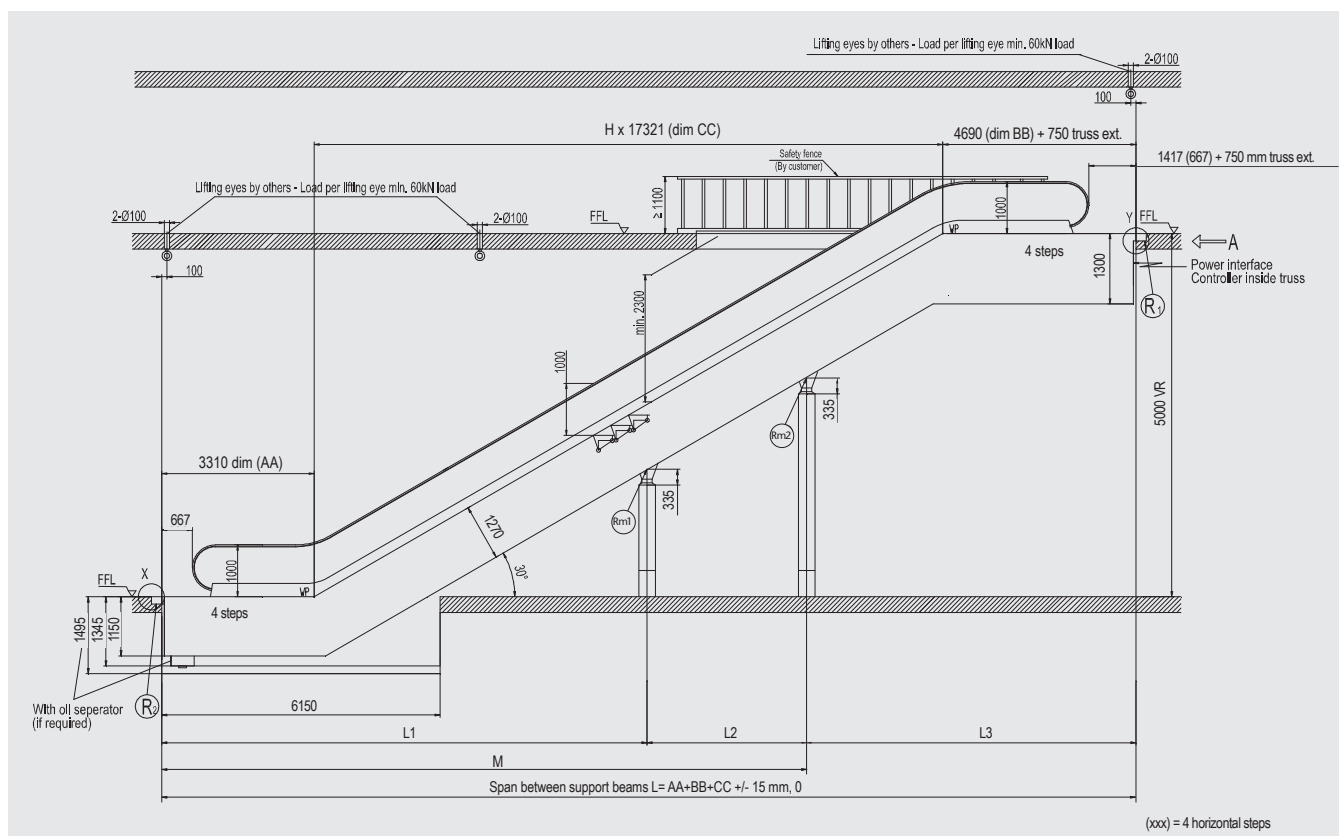
W1: Width of step	Motor power (KW)	Truss extension upper head		Truss extension lower head	
		Min. EXT	Max. EXT	Min. EXT	Max. EXT
1000	5.5	450	1400	0	800
1000	7.5	450	1400	0	800
1000	9.2	450	1400	0	800
1000	11	450	1400	0	800
1000	15	750	1400	0	800
1000	18.5	750	1400	0	800
1000	2 x 11	1000	1400	0	800
1000	2 x 15	1000	1400	0	800
1000	2 x 18.5	1000	1400	0	800

# KONE TransitMaster™ 140 planning dimensions

## ARCHITECTURAL PLANNING DATA

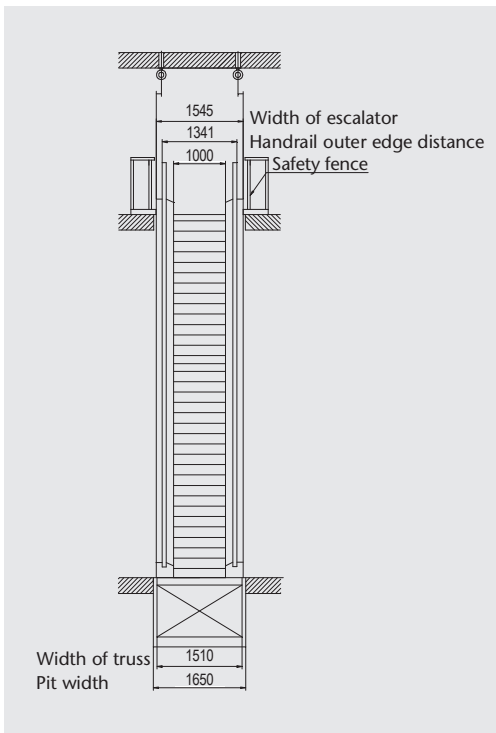
**30° INCLINATION / 3.6 TRANSITION RADII / 1000 MM STEP WIDTH / 4 HORIZONTAL STEPS AT EACH LANDING**

CODE: GB 16899-2011



## Reaction force (kN)

	R1	R2	RM1	RM2
Without intermediate support	$6.0L / 1000 + 28$	$6.0L / 1000 + 8$	–	–
With one intermediate support	$6.0 (L-L1) / 1000 + 28$	$6.0L1 / 1000 + 8$	$6.8L / 1000$	–
With two intermediate supports	$6.0L3 / 1000 + 28$	$6.0L1 / 1000 + 8$	$6.8 (L1+L2) / 1000$	$6.8 (L2 + L3) / 1000$



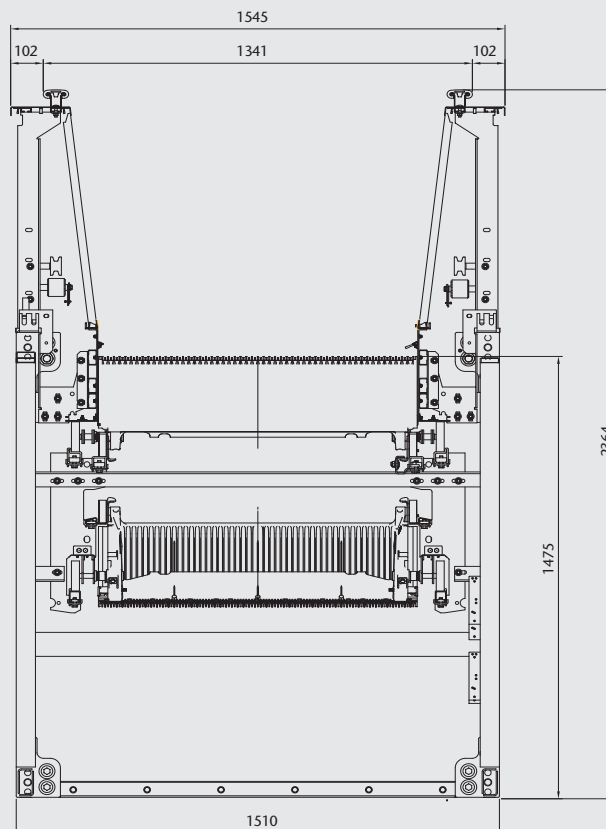
- All dimensions are in millimeters
  - Maximum vertical rise  $H = 15.57 \text{ m}^*$
  - One intermediate support is required when the span (L) exceeds  $L = 16800 \text{ mm}$ . Second intermediate support required when span (L) exceeds  $L = 32000 \text{ mm}$
- If intermediate support is required, please contact your KONE sales organization
- Truss extensions are required at the upper head depending upon height rise and motor size. For these dimensions please contact your local sales organization

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Note:

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## BALUSTRADE SECTION



Solid inclined balustrade