



A	600	800	1000
B	837	1037	1237
C	1145	1345	1545
D	1200	1400	1600
E	1850	2050	2250

TYPE	a	AA	BB	CC	FF	JJ	KK	HM**
KEC-302	30°	2195	2564	H*1.732	4200	870	7900	800
KEC-352	35°	2229	2648	H*1.428	4000	850	7100	800
KEC-303	30°	2595	2964	H*1.732	4600	870	8300	1200
KEC-353	35°	2629	3048	H*1.428	4400	850	7500	1200

TYPE	a	DD		EE		MM		HM**
		anlge truss	pipe turss	anlge truss	pipe turss	anlge truss	pipe turss	
KEC-302	30°	2230	2205	2470	2482	960	940	800
KEC-352	35°	2385	2352	2450	2455	980	960	800
KEC-303	30°	2630	2605	2870	2882	960	940	1200
KEC-353	35°	2785	2752	2850	2855	980	960	1200

**HM = Horizontal Movement

A	Reaction Force (kN)	
	without intermediate support	with one intermediate support
600	$R_1=3.35*L+18$	$R_1=3.35*L_2+12.5$
	$R_2=3.35*L+13$	$R_2=3.35*L_1+10.1$
800	$R_1=3.7*L+20$	$R_1=3.7*L_2+14.5$
	$R_2=3.7*L+14$	$R_2=3.7*L_1+10.3$
1000	$R_1=4.15*L+20$	$R_1=4.15*L_2+14.5$
	$R_2=4.15*L+13$	$R_2=4.15*L_1+10.5$
$R_3=4.15*L+7$		

Note: L, L1, L2 are in meters.

- Notes:
- 1.Mark:
 - ① Mark*1: Support recess must be in true level.
 - ② Mark*2: If there is a pit, it is required to be water proof and smooth.
 - ③ Mark*3: If dimension E can't be guaranteed, a guard acc.EN115 must be provided as shown (by others).
 - ④ Mark*4: Only for outdoor installations.
 2. According to EN115, both entrances must have enough area to facilitate the traffic flow.
 3. All dimension are in mm.
 4. Intermediate support is required in case that the horizontal distance L is over 15m. It can be made by concrete or metallic structure (by others).
 5. Dimensions with mark * should be extended 500mm in case of double drive or 600mm step width.
 6. Vertical rise H=2~7.5m.

KLEEMANN retains the right to change product dimensions without prior notice.

	KLEEMANN HELLAS S.A.			Dimension tolerances in mm according to DIN 7168 (m)						
				0,5-3	3-6	6-30	30-120	120-400	400-1000	1000-2000
				±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2
	Date	Signature	Replaces:	REVISIONS						
Studied	18/02/2009	S. MOURATIDIS		a.						
Designed	18/02/2009	S. MOURATIDIS	Replacements:	b.						
Approved				c.						
Material:	DESCRIPTION:			d.						
SCALE:	GENERAL INSTALLATION LAYOUT OF COMMERCIAL ESCALATORS KEC			NOTES						
				Type: KEC						
				Drawing No:						
				VERSION: 1.04						