



KHC



Air Hoist
Air Trolley
Air Balancer
Light Track System (Steel)
Light Track System (Aluminium)

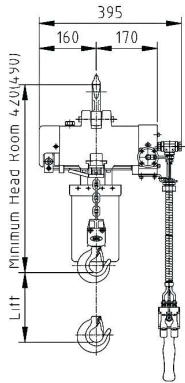
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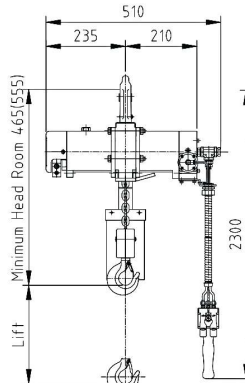
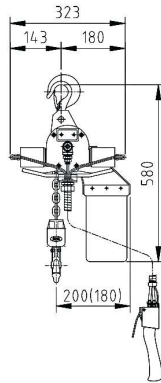


Air Chain Hoist & Air Trolley KA1 & KA2 Series

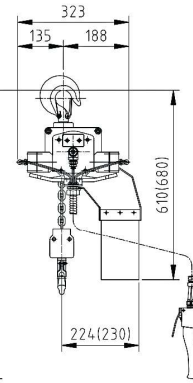
Air Chain Hoist - Model KA1S & KA2S



KA1S-025, 050 (100)



KA2S-100 (200)



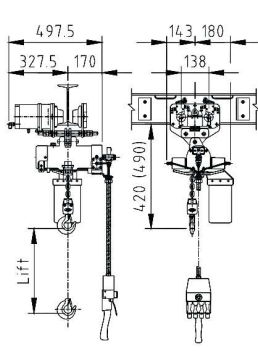
Main Features

- Superior operational efficiency and durability at high temperature, humidity and moisture
- Free speed control, low noise level and vibration
- Explosion proof at hazardous atmospheres
- Durable drum brake for safety breaking
- Compact design : light weight and portable

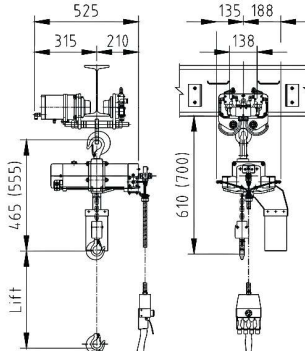
Model	Rated Load (ton)	Load Chain		Lifting Speed (m/min)				Air Pressure (Bar)	Air Consumption (m³/min)	Hose Dia. (mm)	Net Weight (Lift 3 m) (kg)
				No Load		Rated Load					
		Dia. (mm)	No. of falls	Up	Down	Up	Down				
KA1S-025 PB	0.25	6.3	1	17.0	13.0	10.0	19.0	6	1.4	ø12 (L=1~10 m) ø16 (L=10~22 m)	23
KA1S-050 PB	0.5			17.0	15.0	7.5	24.0				23
KA1S-100 PB	1.0		2	8.5	6.5	3.5	12.0				33
KA2S-100 PB	1.0	7.1	1	9.0	7.0	5.0	9.0	1.8	1.8	ø12 (L=1~10 m) ø16 (L=10~22 m)	40
KA2S-200 PB	2.0		2	4.5	3.5	2.3	5.5				45

* Height of lift can be changed upon the usage.

Air Chain Hoist with Air Trolley - Model KA1M & KA2M



KA1M-025, 050 (100)



KA2M-100 (200)

Model	Rated Load (ton)	Traversing Speed (m/min)	Net Weight (Lift 3 m) (kg)
KA1M-025 PB	0.25	10 - 25	41
KA1M-050 PB	0.5		47
KA1M-100 PB	1.0		57
KA2M-100 PB	1.0	10 - 20	78
KA2M-200 PB	2.0		86

* Traversing Beam Width : 100 - 150 mm

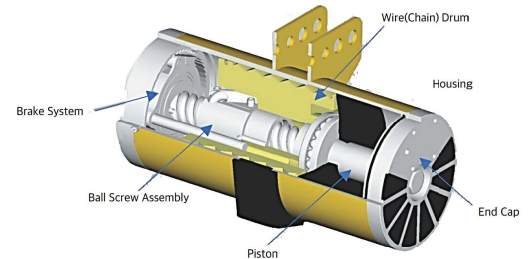
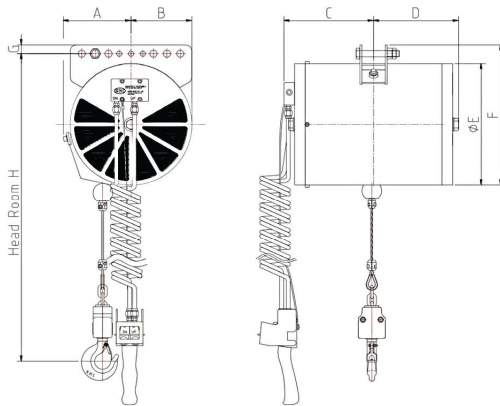
* Min. Radius : 1,500 mm

Air Balancer

Air & Zero Balancer

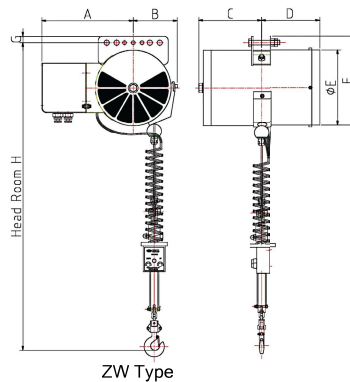


Air Balancer - Model KAB

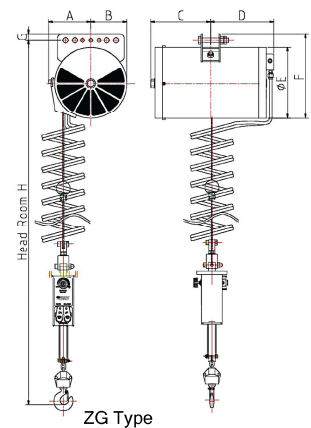


Model	Rated Load (kg)	Lift (m)	Air Pressure (bar)	Dimension (mm)								Net Weight (kg)
				A	B	C	D	E	F	G	H	
KAB-070-200	60	2.0	7	108	108	221	214	167	214	19	600	23
KAB-100-300	100	3.0		151	130	228	220	260	307	22	700	42.5
KAB-160-200	150	2.0										40
KAB-230-200	220	2.0		172	155	228	220	310	357	22	780	50

Zero Balancer - Model KAB-ZW / KAB-ZG



ZW Type



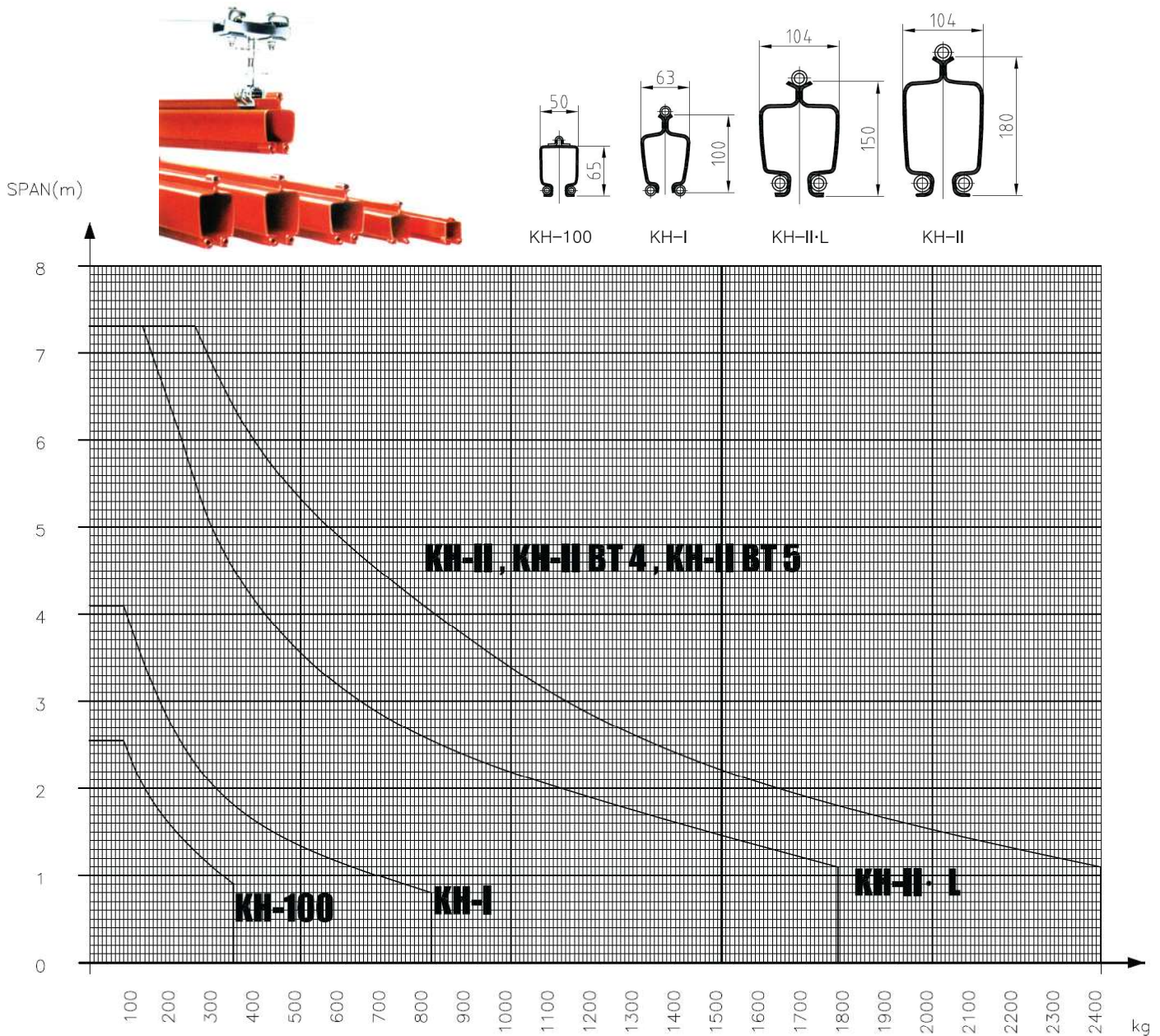
ZG Type

Model	Rated Load (kg)	Lift (m)	Air Pressure (bar)	Dimension (mm)								Net Weight (kg)
				A	B	C	D	E	F	G	H	
KAB-070 ZW	60	2.0	7	267	108	214	199	167	217	19	1,000	33
KAB-100 ZW	100	3.0		314	151	220	200	260	307	22	1,100	53
KAB-160 ZW	153	2.0										50
KAB-070 ZG	60	2.0		108	108	214	221	167	214	19	1,100	25
KAB-100 ZG	100	3.0		152	130	216	228	260	307	22	1,200	45
KAB-160 ZG	153	2.0										42

* ZW Type : Dual control method - Control by 5-10% force of weight with weight sensor / Control by grip

* ZG Type : Single control method - Control by grip

Steel Track Type Light Track System - Model KH (KT)

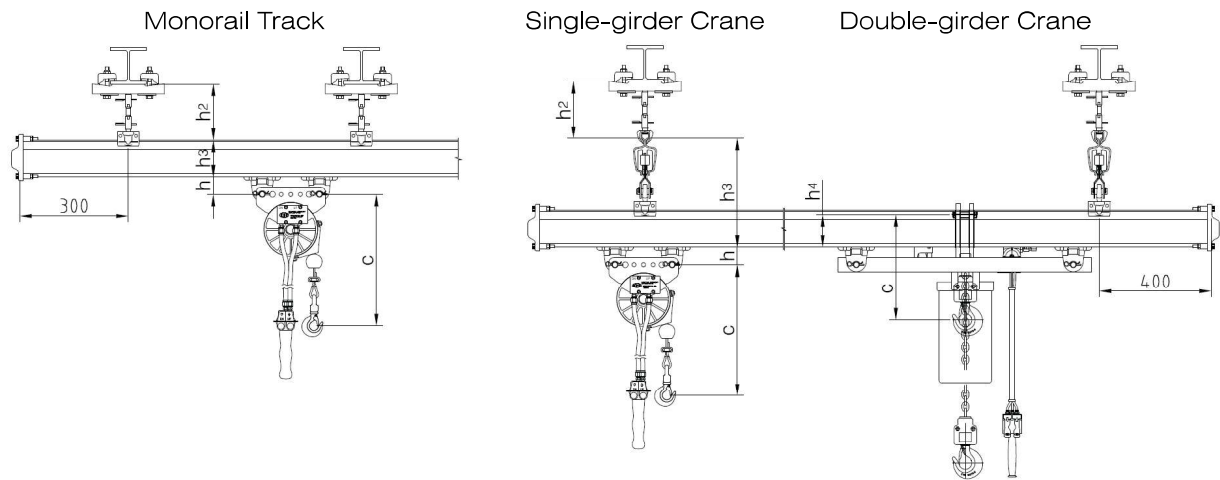


Model	Section Inertia Moment [I_x] (cm ⁴)	Adjustable Headroom (mm)	Neutral Axis Approx.		Load Capacity (kg)					Unit Weight (kg/m)
					80	125	250	500	1,000	
KH-100	26	220	35 mm from lower edge	Max. Support Distance [Span] (m)	2.5	2.0	-	-	-	4.1
KH-I	80	250	Section Center Line		4.1	3.3	2.3	1.3	-	6.4
KH-III	345	370				7.3	5.2	3.5	2.1	13.2
KH-II	660	400					7.3	5.2	3.3	17.0

Light Track System Steel Track

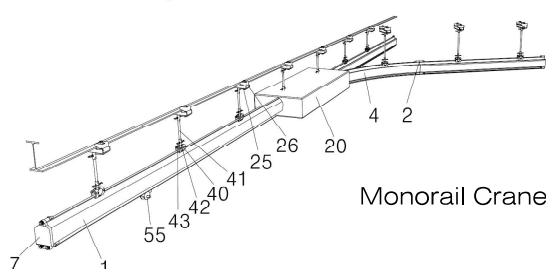
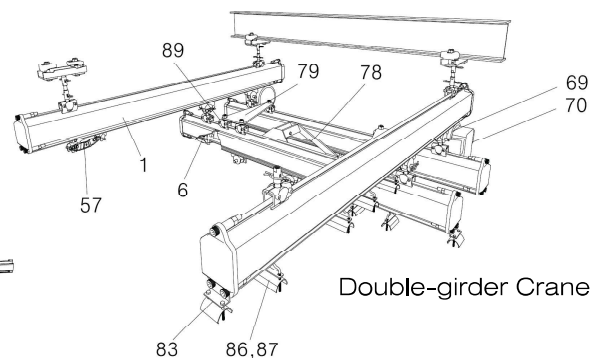
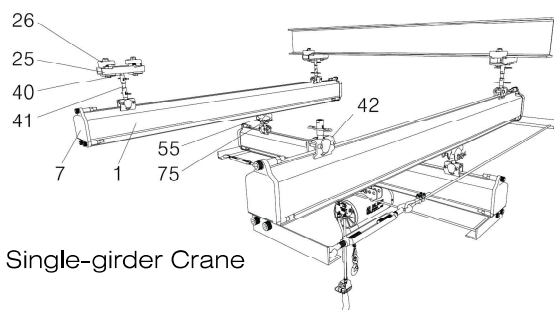


Dimension of System

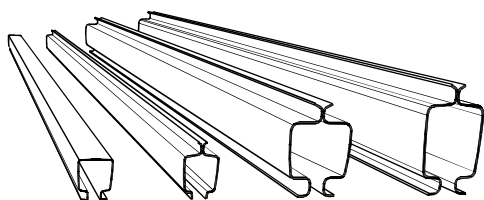


Model	h (mm)	h ₂ (mm)						h ₄ [Crab Frame] (mm)
		Short Suspension Fitting	Long Suspension Fitting					
			Length of Suspension Rod (mm)					
			80	100	300	600	1,000	
KH-100	50	100	155	-	375	675	1,075	-
KH-I	48	95	150	-	370	670	1,070	94.3
KH-IIL	46	140	-	220	420	720	1,120	169
KH-II								

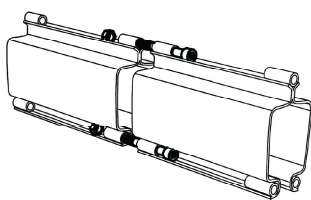
System	h ₃ (mm)															
Runway	KH-100				KH-I				KH-IIL				KH-II			
Girder	100	I	IIL		100	I	IIL	II	100	I	IIL	II	100	I	IIL	II
Single-girder	242	272	337		272	302	367	397	320	350	415	445	350	380	445	475
Double-girder																
Monorail	65				100				150				180			



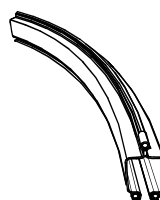
Steel Track Type Light Track Components



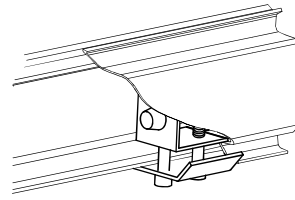
01
Straight Track



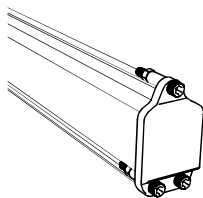
02
Joint Bolt Set



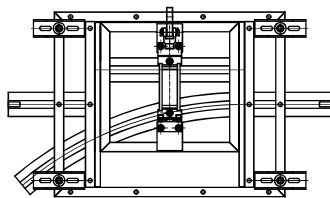
04
Curve Track



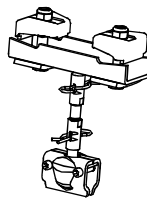
06
Internal Buffer Stop



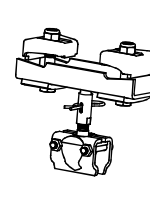
07
End Cap with Buffer



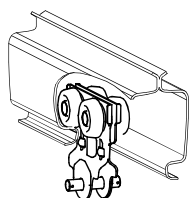
20
Track Switch



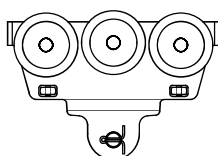
25 (X)L
Upper Suspension
Assembly
Long Type



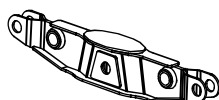
25 (X)S
Upper Suspension
Assembly
Short Type



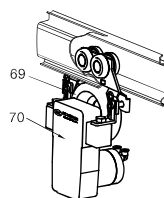
55
Trolley



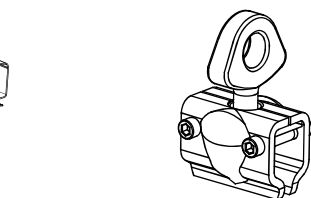
55-1
3-wheel
Trolley



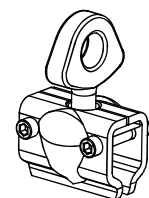
57
Load Bar



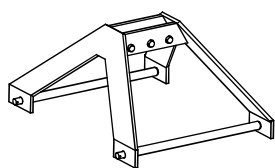
69
Trolley for
Friction Wheel



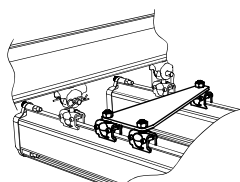
70
Friction Wheel
Travel Drive



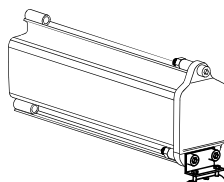
75
Crane
Suspension Eye



78
Crab Frame



79
Bracing Frame



83
Cable Clamp



86
Hose Trolley
(Steel)



87
Cable Trolley
(Plastic)

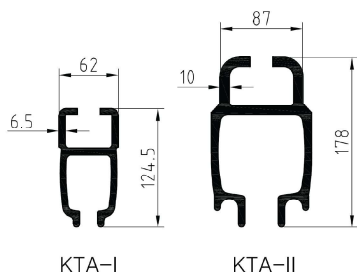
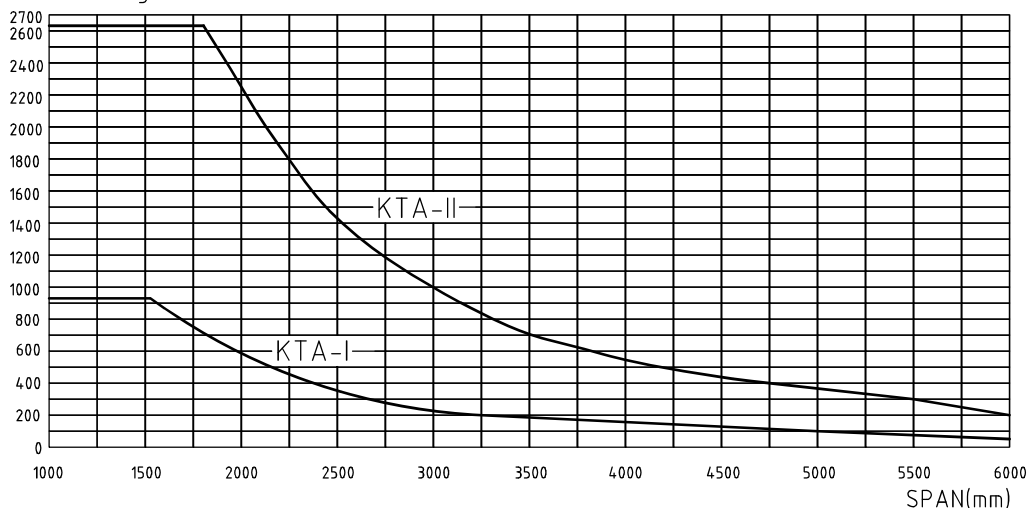
Light Track System Aluminium Track



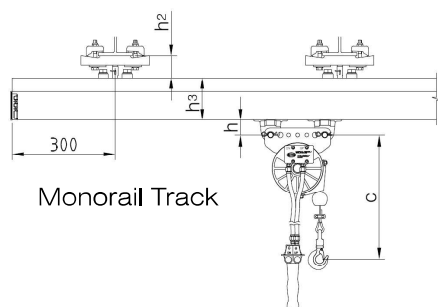
Aluminium Track Type Light Track System - Model KTA



CAPACITY(kg)

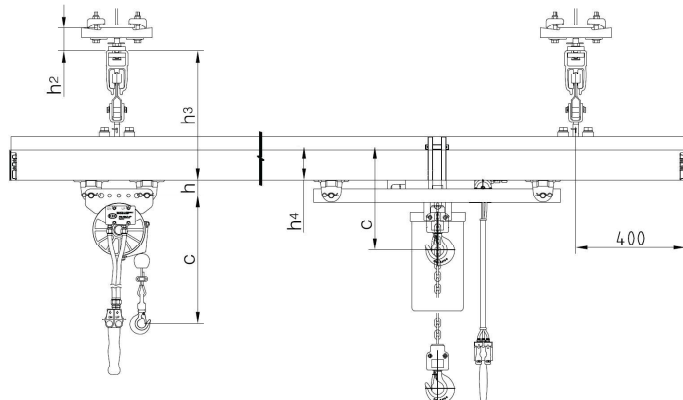


Model	Adjustable Headroom (mm)		Load Capacity (kg)					Unit Weight (kg/m)
			150	250	350	500	1,000	
KTA-I	250	Max. Support Distance [Span] (m)	4.1	2.8	2.5	2.3	-	5.70
KTA-II	400				5.1	4.2	3.0	11.59



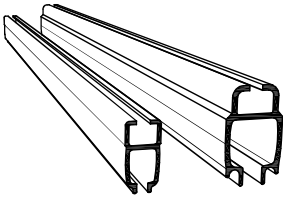
Model	h (mm)	h ₂ (mm)						h ₄ (mm)
		Short Suspension Fitting	Long Suspension Fitting					
			Length of Suspension Rod (mm)					
			80	100	300	600	1,000	
KTA-I	44	64	120	-	340	640	1,040	-
KTA-II	46	91	-	163	363	633	1,063	94.3

Single-girder Crane Double-girder Crane

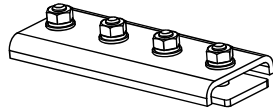


System	h ₃ (mm)			
Runway	KTA-I		KTA-II	
Girder	I	II	I	II
Single-girder	367	425	430	500
Double-girder				
Monorail	124.5		178	

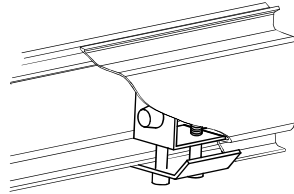
Aluminium Track Type Light Track Components



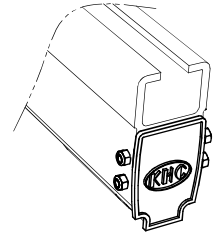
01
Straight Track



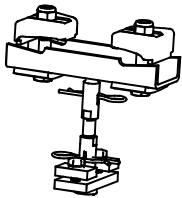
02
Joint Bolt Set



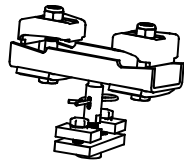
06
Internal Buffer Stop



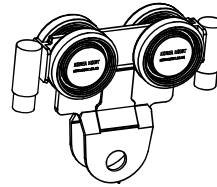
07
End Cap



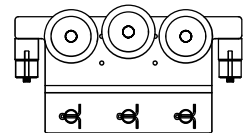
25 (X)L
Upper Suspension
Assembly
Long Type



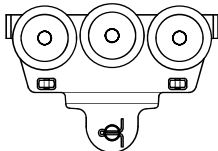
25 (X)S
Upper Suspension
Assembly
Short Type



55
Trolley



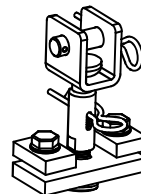
55-1
3-wheel
Trolley



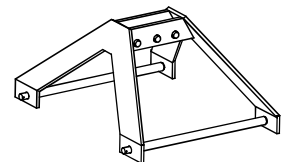
55-1
3 Wheel
Trolley



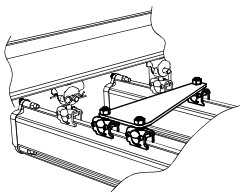
57
Load Bar



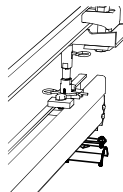
75
Crane
Suspension Eye



78
Crab Frame



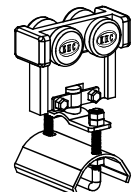
79
Bracing Frame



83
Cable Clamp



86
Hose Trolley
(Steel)



87
Cable Trolley
(Plastic)