



SUZHOU HITECH ELEVATOR CO., LTD.

ADD: No. 378, Zhujiang Road, Wuzhong District, Suzhou City, Jiangsu Province, China

TEL:0512-66038303 FAX: 0512-66038302

www.hitech-elevator.com

www.hitech-elevator-cn.com

Email:overseas@hitech-elevator.com jiangdaoming02@163.com

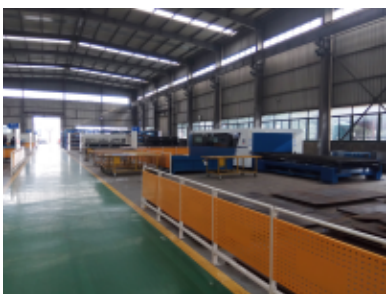
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SUZHOU HITECH ELEVATOR CO.,LTD
苏州海泰克电梯有限公司



COMPANY PROFILE



Suzhou Hitech Elevator CO.,LTD mainly specializes in design and manufacturing of complete elevators, escalators and related spare parts. So far, our products have been working in more than 40 countries including the republic of Georgia, Indonesia, Israel, Colombia, Brazil, Singapore, the United Arabian Emirates, Peru, and Chile and so on.

We are dedicated to establishing the one-stop elevator solution for our partners. Our business scope covers passenger elevators, panoramic elevators, goods elevators, dumbwaiter, home elevators, escalators and passenger conveyors. We supply all types of elevator spare parts as well. Our products are fine in quality and delicate in design with conformity to EN81 standards. We never stop our pursuit for excellence and we sincerely hope to share business with all friends.

For more information, please do not hesitate to contact us.



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COMPLETE SET/MODERNIZATION



If maintained properly and used in normal situation, the average service life of elevator is 15 years. With the elevator service time continuing, both the mechanical and electrical parts are aging and less functional, consequently, the safety of elevator is degrading and potential risk is getting high. HITECH ELEVATOR has rich and leading experience in elevator modernization field, especially in the control and drive system. Based on our past experience and market demand, we have prepared several integrated modernization solutions to our customer together with economic but qualified spare parts.

No.	Elevator Modernization List	Remarks
1	Traction drive	
1.1	traction machine	gearless synchronous, geared asynchronous
1.2	Rotate encoder	
1.3	Machine bed	
2	Control system	
2.1	controller	Both Economic MONARCH integrated system and STEP system are available. Communication can be serial or parallel
2.2	Relay	
2.3	Contactor	
2.4	Transformer	
2.5	Circuit breaker	
3	Door system	
3.1	Door controller	Door operator can be PM or VVVF type. Different door opening type for your choice
3.2	Door motor	
3.3	Door hanger	
4	Cabin and landing door	
4.1	Cabin redecoration	Diverse cabin and landing door decoration style, such as Painted steel, HSS.
4.2	Overload switch	
4.3	Cabin and landing door	
5	Car call system	
5.1	Car board	Display can be LED, LCD, TFT, Dotted Matrix or Segment type and so on. Different type of COP&LOP to meet our requirement.
5.2	Instruction board	
5.3	Display	
5.4	COP	
5.5	LOP	
6	Safety system	
6.1	Safety gear	Different types of safety parts for your selection both for MRL and machine room elevators.
6.2	Light curtain	
6.3	Governor	
6.4	Buffer	
7	Guide	T-type for hollow guide rail
8	Hoist ropes	Diameter 6mm、 8mm、 10mm 、 12mm
9	Traveling cable	all types of elevator cables



MONARCH CONTROL SYSTEM

PRODUCT DESCRIPTION

- 1 Integrated controller communication mode serial/ parallel selective
- 2 Outer signal communication connects with AMP connector/terminal
- 3 Maximum serial communication: 40 floor, 8m/s speed, 8-lift group supervision (only require group supervision panel)
- 4 Maximum parallel communication: 8 floor, single lift. Multiple floor display modes are available for your selection.

HTK-NICE-A-AB-4005	
HTK-NICE	Serial NICE3000+, Parallel NICE1000+
Cabinet type	A/B/C/D
Model	A: Asynchronous Gear B: Synchronous Gearless
Wiring type	M:Modular plug-in T:Terminal plug-in
Voltage class	2:220V 3: Three-phase 220v 4: Three-phase 380v
Rated power	02:2.2KW 03:3.7KW 05:5.5KW 07:7.5KW 11:11KW 15:15KW, 18:18.5KW



HTK-NICE-A-AT-4005 HTK-NIC-B-AT-4007 HTK-NICE-C-AM-4011 HTK-NICE-D-AM-2002 T:Terminal plug-in M:Modular plug-in

	HTK-NICE-A-XX	HTK-NICE-B-XX	HTK-NICE-C-XX	HTK-NICE-D-XX	optional function
Rated power	2.2KW~7.5KW	≤22KW	2.2KW~22KW	2.2KW~5.5KW	
Speed	≤1m/s	≤2.5m/s	≤2.5m/s	≤0.63m/s	
Max layer station		40 floor	40 floor	6floor	
Wiring type	Terminal plug-in/ Modular plug-in	Terminal plug-in/ Modular plug-in	Terminal plug-in/ Modular plug-in	Terminal plug-in/ Modular plug-in	
Cabinet size	530*240*845	400*230*1720	530*240*995	400*220*1300	
control system	NICE3000+	NICE3000+	NICE3000+	NICE1000+	
Power supply	Single/Three-phase 220VAC, Three-phase	380VAC	380VAC	220VAC	
Man-machine signal acquisition method	380VAC Serial interface	Serial interface	Serial interface		
Braking power		DC110V	DC110V	DC110V	
Remote action voltage	DC110V	AC220V			
Lift model	AC220V	MRL	MR	Home	
Motor	Home Synchronous Traction	Synchronous/ Asynchronous	Synchronous/ Asynchronous	Synchronous/ Asynchronous	
Color	Grey SC02024	Grey RAL7032	Grey RAL7032	Grey RAL7032	



NICE3000+ NICE-L-C-40XX NICE2000 NICE-E1-B-40XX NICE1000+ NICE-L-H-40XX NICE900 NICE-D-A-S0P2/P4 MCTC-ARD-C-40XX



ME320L ME320L(N)-40XX NICE3000+main plate MCTC-MCB-B NICE3000+main plate MCTC-MCB-C2 NICE3000+main plate MCTC-MCB-C3 NICE1000+main plate MCTC-MCB-H



MCTC-CTB-A/B MCTC-CCB-A LED operation panel MDKE Display MCTC-HCB-V1 Display MCTC-HCB-H



Display MCTC-HCB-R1 Display MCTC-HCB-T1 Display MCTC-HCB-U1 Display MCTC-HCB-T2 Display MCTC-HCB-T3 MCTC-PG-A2



MCTC-PG-E Voice announcer MCTC-CHM-B Photo-electric switch HTK-SGD31 Cartop inspection box HTK-CTIB-A Pit inspection box HTK-PIB-A Emergency HTK-PIB-A



STEP CONTROL SYSTEM

Standard control cabinet



HTK-STEP-MR-A/B-40XX

Machine roomless control cabinet



HTK-STEP-MRL-A/B-40XX

Model	HTK-STEP-MR-A/B-40XX	HTK-STEP-MRL-A/B-40XX
机房配置	Machine room	Machine roomless
Rated power	≤22KW AS380	≤22KW AS380
Brake model	DC110V ≤4A DC200V/AC220V ≤2A	DC110V ≤4A DC200V/AC220V ≤2A
Cabinet size	A,900*580*300 B,1000*580*300	1780*400*220
color	Grey	Grey



AS380

NAME	Rated power	PG	Cabin board	Car board	Command board
AS380-Serial	(1.1-3.7)KW 200V	AS.T029	SM.02/H	SM.02/G	SM.03/D
	(11-22)KW 200V				SM.03/E
	(1.1-75)KW 400V				



AS320



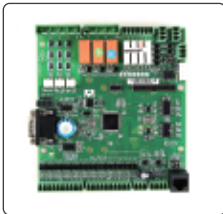
AS360



AS330



AS300



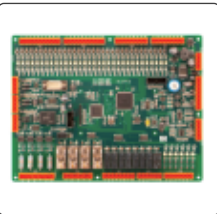
AS.T029



SM.01.F5021



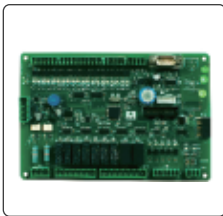
SM.01.DP/C



SM.01.PA/D



SM.01.PA/J



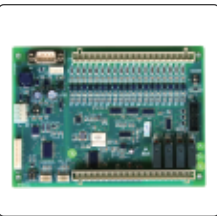
Escalator main board
ES.01B



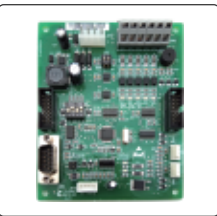
Group control board
SM-GC



SM.02D



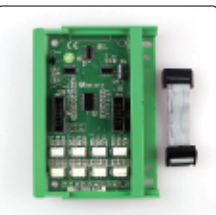
SM.02E



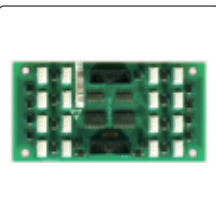
SM.02G



SM.02H



SM.03D



SM.03E



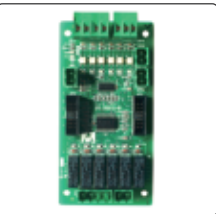
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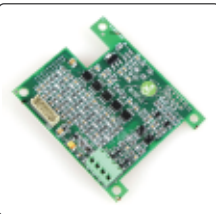
SM-11/A



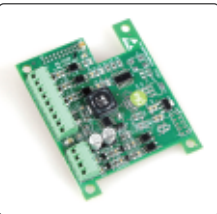
OT.VAC



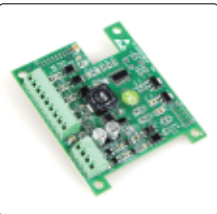
SM.09IO/B



AS.T024



AS.T025



AS.T041



SM.08G



3.5'TFT
SM.04TL-A



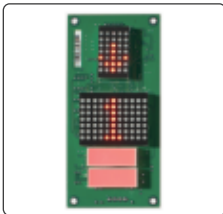
8'TFT
SM.04TL-G



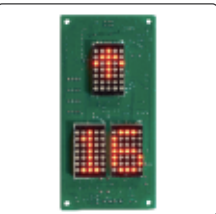
12'TFT
SM.04TL-K



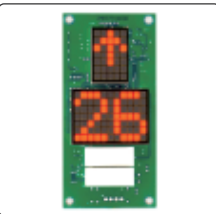
SM.04VL16/L



SM.04VR/G



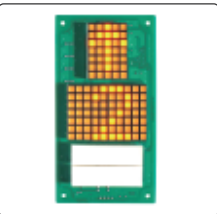
SM.04VR/K



SM.04VSD



SM.04VSG



SM.04VSL

HOME ELEVATOR



PRODUCT ABSTRACT

HITECH home elevator is specially designed for family use. its characteristics: small construction space, nice looking aluminium alloy shaft , low noise, easy for installation, high security, good durability. Best choice for villa residence, senior people, patients, and the disable's daily life at home.

PRODUCT DESCRIPTION

Elevator technical specifications

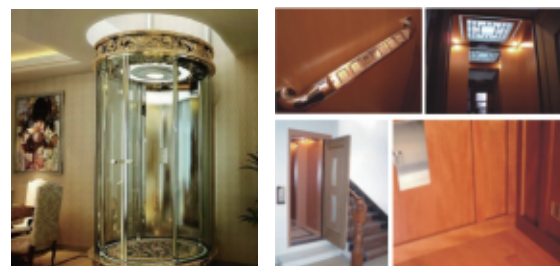
- Standard: Home-use Elevator Technology Standard
- Driveway: Traction or Hydraulic
- Standard loading series: 200KG, 260KG, 320KG, 400KGS, 450KGS
- Passengers: 2-6
- Max Stops: 6top
- Max traveling height: 18 meters
- Min headroom height: 3100mm
- Motor power: 2.2KW
- Door opening: automatic or manual swing door
- Low power: electrical power 2.2kw
- Panoramic cabin or other luxurious Ti-golden cabin optional
- Machine room less
- Energy saving VVVF control

Optional Functions

- Car door automatic function
- Touch screen function

Standard Functions

- Automatic close door
- Emergency call
- Emergency car lighting
- Car lighting automatic stop
- Overload protection
- Power failure protection-ARD
- Environment-friendly and Energy-saving
- Door close protection
- Emergency stop



COP&LOP



PRODUCT DESCRIPTION

- 1The panel could be plastic, hairline stainless steel, mirror stainless steel and glass panel
- 2 The display could be 7 segment, dot matrix, TFT and LCD display
- 3 Button with red, blue, white LED etc.
- 4 Easy installation
- 5 Easy adjusting the floors
- 6 Best choice for modernization and new elevator
- 7 Support parallel communication and serial communication

TRACTION MACHINE



HTK-MONA200/320
Gearless traction machine
Remark: The machine can be used for machine roomless, AC220V optional

MRL	HTK-MONA200	HTK-MONA320
Rated Voltage	380V	380V
Suspension	1:1 2:1	2:1
Rope	Single	Single
Machine weight	110/150kg	280kg
Max.Static Load	2500kg	3000kg
Rated Load	320-630kg	630-1000kg
Rated Speed	0.4-1.5M/S	0.5-1.75M/S



HTK-MCK200/300 Gearless traction machine
Remark: The machine can be used for machine roomless, AC220V optional

MR/MRL	HTK-MCK200	HTK-MCK300
Rated Voltage	380V	380V
Suspension	2:1	2:1
Rope	Single	Single
Machine weight	330kg	480kg
Max.Static Load	4000kg	6000kg
Rated Load	630-1150kg	1250-1600kg
Rated Speed	0.5-2.0M/S	0.5-1.75M/S



HTK-MCG100/200 Gearless traction machine. AC220V optional
Remark: The machine can be used for machine roomless

MR/MRL	HTK-MCG100	HTK-MCG200
Rated Voltage	380V	380V
Suspension	2:1	2:1
Rope	Single	Single
Machine weight	200kg	390kg
Max.Static Load	2500kg	4000kg
Rated Load	320-630kg	800-1150kg
Rated Speed	0.5-1.75M/S	0.5-2.5M/S



HTK-ERSC/ERS Gearless traction machine. AC220V optional

MRL	HTK-ERSC	HTK-ERS
Rated Voltage	380V	380V
Suspension	2:1	2:1
Rope	Single	Single
Machine weight	140kg	190kg
Max.Static Load	1600kg	1800kg
Rated Load	320-450kg	320-630kg
Rated Speed	1-1.75M/S	1-1.75M/S



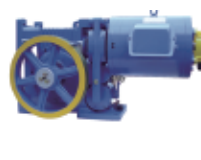
HTK-GTW7/GTW9 Gearless traction machine. AC220V optional

MR/MRL	HTK-GTW7	HTK-GTW9
Rated Voltage	380V	380V
Suspension	2:1	2:1
Rope	Single	Single
Machine weight	205kg	350kg
Max.Static Load	2000kg	3000kg
Rated Load	320-630kg	630-1150kg
Rated Speed	0.63-1.75M/S	1-2.0M/S



HTK-YJF100K Goods Elevator Traction Machine

	HTK-YJF100K
Rated Voltage	380V
Suspension	1:1
Rope	Single
Machine weight	100-120kg
Max.Static Load	2000kg
Rated Load	100-200kg
Rated Speed	0.4-1.0M/S



HTK-YJF120WL Villa Elevator Traction Machine

MRL	HTK-YJF120
Rated Voltage	380V
Suspension	1:1
Rope	Single
Machine weight	155-180kg
Max.Static Load	2500kg
Rated Load	320-500kg
Rated Speed	0.5-1.0M/S



HTK-YJF140WL Traction machine

MRL	HTK-YJF140
Rated Voltage	380V
Suspension	1:1
Rope	Single
Machine weight	280-340kg
Max.Static Load	4000kg
Rated Load	500-800kg
Rated Speed	0.5-1.5M/S



HTK-YJF160WL Traction machine

MRL	HTK-YJF160
Rated Voltage	380V
Suspension	1:1
Rope	Single
Machine weight	300-360kg
Max.Static Load	5500kg
Rated Load	630-1000kg
Rated Speed	0.5-1.5M/S

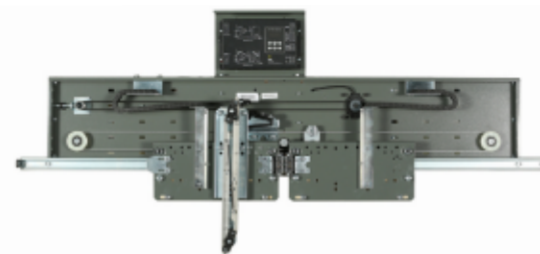


HTK-YJ200A Traction machine

MR	HTK-YJ200A
Rated Voltage	380V
Suspension	2:1/1:1
Rope	Single
Machine weight	610kg
Max.Static Load	6000kg
Rated Load	630-1000kg
Rated Speed	0.5-2M/S

ELEVATOR DOOR SYSTEM

A DOOR OPERATOR AND LANDING DOOR DEVICE



HTK-J2300-C2 2Panel Centre Opening Asynchronous Car Operator

Door Width	Clear Height	Door Panels Load
PL=600-1100	HL=2000-2400	60KG



HTK-J2300-C4 4Panel Centre Opening Asynchronous Car Operator

Door Width	Clear Height	Door Panels Load
PL=600-2500	HL=2000-2400	85KG



HTK-J2500-T2 2 Panel Side Opening PM Car Operator

Door Width	Clear Height	Door Panels Load
PL=600-1100	HL=2000-2400	75KG



HTK-J2300-T2 2Panel Side Opening Asynchronous Car Operator

Door Width	Clear Height	Door Panels Load
PL=600-1500	HL=2000-2400	75KG

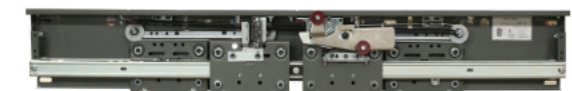


HTK-J2500-C2 2 Panel Centre Opening PM Car Operator

Door Width	Clear Height	Door Panels Load
PL=600-1100	HL=2000-2400	60KG



HTK-T2200-C2



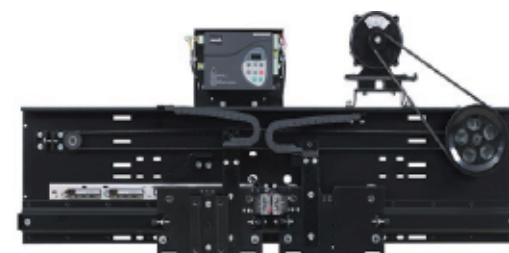
HTK-T2200-C4



HTK-T2200-T2

ELEVATOR DOOR SYSTEM

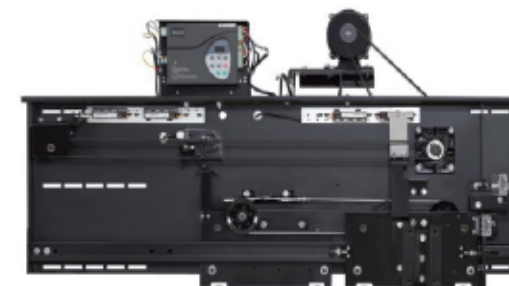
B DOOR OPERATOR AND LANDING DOOR DEVICE



HTK-MJ-01



HTK-MJ-04



HTK-MJ-02



HTK-MJ-03



HTK-CM-01/03A



HTK-CM-04A

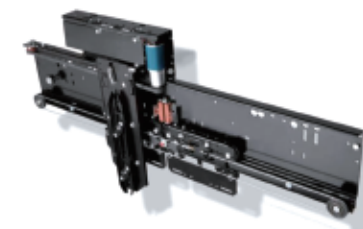


HTK-CM-02A

		Door width	Clear Height	Landing machine
HTK-MJ-01	2Panel Centre Opening Asynchronous Car Operator	PL:650-1200	HL=2000-2400	HTK-CM-01/04A
HTK-MJ-02	4Panel Centre Opening Asynchronous Car Operator	PL:1400-3000	HL=2000-2400	HTK-CM-02A
HTK-MJ-03	2Panel SideOpening Asynchronous Car Operator	PL:700-1800	HL=2000-2400	HTK-CM-03A
HTK-MJ-04	2Panel Centre Opening PM Car Operator	PL:650-1200	HL=2000-2400	HTK-CM-01/04A

ELEVATOR DOOR SYSTEM

C DOOR OPERATOR AND LANDING DOOR DEVICE



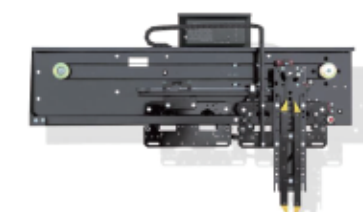
HTK-ECO-01 DC



HTK-ECO-02 DC



HTK-OSCAR VF-01



HTK-OSCAR VF-02



HTK-CCM-01A



HTK-CCM-02A

MANUAL DOOR



HTK-Door1



HTK-door2



Door lock 001



Door lock 002



Painted Panel



HSS Panel



Fireproof Panel



Full glass panel



Big Vision Panel



DOOR SPARE PARTS



DP01



DP02



DP03



DP04



DP05



DP06



DP07



DP08



DP09



DP10



DP11



DP12



DP13



DP14



DP15



DP16



DP17



DP18



DP19



DP20



DP21



DP22



DP23



DP24



DP25

SAFETY PARTS

LIGHT CURTAIN



HTK Code	Number of Diodes	Number of Beams	Dimension (mm)	Voltage
HTK-917A	32	128-94	2000*24*11	AC220/AC110/DC24
HTK-957A	32	154-94	2000*24*11	AC220/AC110/DC24
HTK-917B	17	94-33	2000*38*10	AC220/AC110/DC24
HTK-917C	17	94-33	2000*28*16	AC220/AC110/DC24
HTK-917E	17	94-33	2000*55*20	AC220/AC110/DC24
HTK-917F	32	128-94	2100*70*25	AC220/AC110/DC24
HTK-917G	32	128-94	2100*50*25.5	AC220/AC110/DC24
HTK-917L	32	128-94	2000*27*11	AC220/AC110/DC24
HTK-957L	40	194-118	2000*27*11	AC220/AC110/DC24
HTK-957B	48	234-142	2000*38*10	AC220/AC110/DC24
HTK-957E	32	154-94	2000*55*17	AC220/AC110/DC24

SAFETY GEAR



	HTK188 Progressive	HTK210A Progressive	HTK088 Instantaneous
Lift rated speed	≤2.5m/s	≤2.5m/s	≤0.63m/s
Max total mass	5125kg	4122kg	1627kg/16mm
Min total mass	809kg	947kg	1271kg/10mm
Width of guide rails	10/16mm	9/10/16mm	10/16mm

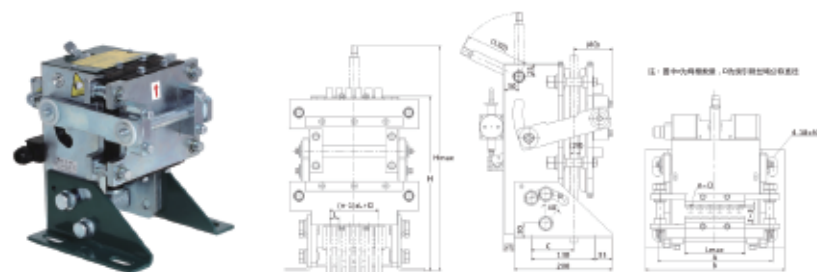
SAFETY PARTS

OIL BUFFER



Type	Rated speed(m/s)	Quality range(kg)	Compression travel(mm)	Free state (mm)	Fix size B*A (mm)	Oil mass HL-46(L)
HTK65	≤0.63	500-4600	65	350	100*150	0.45
HTK70	≤1.0	300-2500	70	305	80*210	0.5
HTK80A	≤1.0	1000-4600	80	405	90*150	0.52
HTK220	≤1.75	600-2500	220	780	80*210	1.3
HTK275	≤2.0	800-3800	275	790	80*210	1.5
HTK425	≤2.5	820-3600	425	1130	100*150	2.5

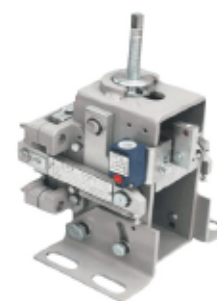
ROPE BRAKE-HTK250



Type	A	B	C	H max	L max	Rated speed(m/s)	Rated load(kg)
A01	190	235	89.5	350	120	≤2.5	≤2500
A02	235	280	81.5	450	120	≤1.25	≤3000-5000
Z03	270	315	81.5	450	190	≤2.5	≤5000

SPARE PARTS

HTK-JSQ5A(Y) ELECTROMAGNETIC ROPE BRAKE



Ratio	1:1	2:1
Rated speed m/s	0.25~5.0m/s	0.125~2.5m/s
Rated load kg	300~1250	600~2500
System mass kg	950~5715	1900~11430
Rated Dia φmm	8~13mm	

INTERCOM SYSTEM

- 2-Wire connection
- Reduce wiring cost
- High signal to noise ratio, high anti-interference, long-distance communication



EMERGENCY POWER SUPPLY





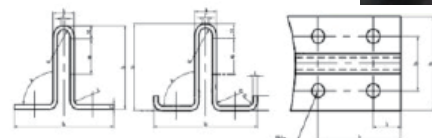
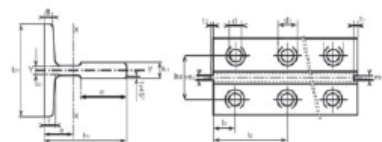
HOISTWAY PARTS

GUIDE RAIL

Machined Guide Rail
Main Specification:
T70-1/B, T78/B, T75-3/B, T89/B,
T90/B, T114/B, T127-1/B, T127-2/B,
T140-1/B, T140-2/B, T140-3/B



Hollow Guide Rail
Main Specification:
TK3, TK5, TK3A, TK5A



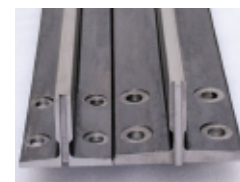
连接板Fishplate



T型压导板
T Type Forged Clips



Clip
Forged&Casting Clip



T70B

FLAT CABLE

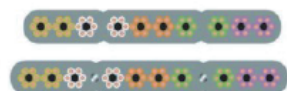
--Purpose:use for wiring of elevator control circles

227 IEC 71f (TVVB) 电梯扁形PVC控制电缆



TVVB TVVBG 电梯扁形PVC控制电缆

TVVB
TVVBG



TVVBP TVVBPG 电梯扁形PVC控制电缆

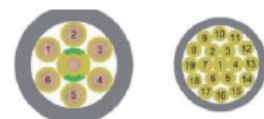
TVVBP
TVVBPG



ROUND CABLE



RVVP PVC 屏蔽护套线



AVVR PVC 护套线



227 IEC 01(BV)绝缘线



UI2464 PVC控制电缆



RVS PVC 绝缘线



HTK-556



HOISTWAY PARTS

ELEVATOR AIR CONDITIONER



HTK25Y/25YD



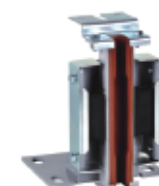
HTK25Q/25QD

Model	HTK25Y	HTK25YD	HTK25Q	HTK25QD
Rated cool capacity(W)	2500	2500	2500	2500
Rated heat capacity(W)	/	2200	/	2200
Air Flow(high/low,m³/h)	430/360	430/360	430/360	430/360
Air out,Air return	From bottom, to bottom		From front, to front	
Others	220V-50HZ,Program control(auto)+infrared remote control(manually) For elevator load capacity 1350kg			

GUIDE SHOE



HTK-029



HTK-310F



HTK-847



HTK-310G



HTK-310F



HTK-T15



HTK-B22



HTK-B22



HTK-Elastic roller



HTK-Fixed roller

DAMPING PAD



HTK-320A



HTK-320B



HTK-320C



HTK-320D



HTK-320E

ELEVATOR OVERLOAD MEASUREMENT SYSTEM

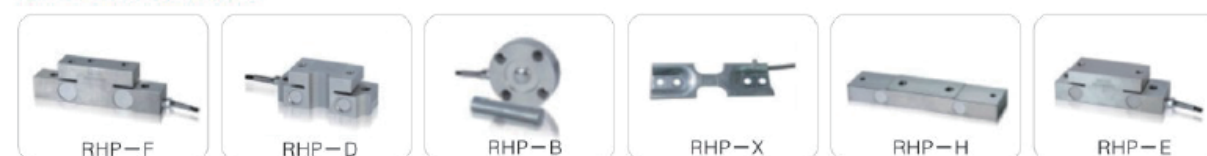
PRODUCT DESCRIPTION



- 1 Numeric display of 4 digits
- 2 Weight precision of 0.1%
- 3 Valid for all weighing modes (cable, under cabin...)
- 4 Digital programming via keyboard
- 5 Load adjustment without necessity of placing a well-known weight
- 6 Analog output 0~+10V, -10~+10V
- 7 Plate of 3 relays (light load, heavy load, overload)



ROPE TERMINAL PLATES



STEEL ROPES



UNDER CABIN



01

SUZHOU HITECH
ELEVATOR CO.,LTD.

02

LIBERTY INDUSTRIAL
TRADING(HONGKONG) CO.,
LIMITED

03

SUZHOU LIBERTY
TRADING CO., LTD.