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PROFESSIONAL ELEVATOR PACKAGE
SOLUTION SUPPLIER

CATALOGUE 2018



ABOUT US

Suzhou Asia Fuji Elevator Parts Co., Ltd, a subsidiary of Suzhou Asia Fuji Elevator Co., Ltd, is a professional manufacturer and supplier of lift parts, old lift modernization and package kit for new lifts.

Asia Fuji, now located in Xinyu Hi-Tech Development Park, covers 30000sqm of elevator, escalator and other affiliated workshops. Asia Fuji has annual production capacity of over 8000 units, with modern elevator and escalator production lines, including elevator metal plate, profile, electrical controller, welding robot, painting, and escalator truss and assembly etc.

Asia Fuji, an ISO 9001, and TUV: CE certified enterprise, is awarded the Certificate of Energy Efficiency issued by TUV Laboratory with the highest Grade A, which takes the lead in China elevator industry. Asia Fuji also acquires Grade A of Special Equipment Manufacture License of China, and Grade A of Special Equipment Installation & Modernization License of China, and owns 10 elevator & escalator series with more than120 models available.

Asia Fuji adopts the advanced ideas of “Packaging Solution Supplier”, to meet the needs of complex and high-class elevator projects, and provides optimized solutions to complete elevators and escalators, their parts and modernizations. Till now, Asia Fuji has established business relations with over 75 overseas partners, and sells all around the world. Three decades witness our iron-willed efforts, fruitful achievements, and wide-spread global marketing networks.

Asia Fuji acts as global marketing center, with Xinyu company as manufacture base, Hong Kong company as R & D and investment center, and American and Malaysia overseas subsidiary companies marketing and serving local clients. All five companies work in united spirits, and develop in order, thus making Asia Fuji brand stronger and brighter.

Asia Fuji, now turning a new leaf, targets more distinctively to fully improve the purchase value of clients, and provides more superior quality elevator and escalator with perfect value added services.



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Elevator Package Kit for New lifts



Package Type 1: Client makes or purchases cabin, door panel and mechanical parts at local.

Package Kit 1: Asia Fuji can supply traction system, electrical system, and door system.

Package Type 2: Client makes or purchases almost everything at local, electrical system, cabin system, guide system, safety system etc except traction machine.

Package Kit 2: Asia Fuji can supply traction system, including sheaves.

Package Type 3: Client makes or purchases mechanical and electrical parts except door system

Package Kit 3 : Asia Fuji can supply complete door system .

Package Type 4: Client makes controller at local.

Package Kit 4: Asia Fuji can supply electrical inverter, display boards, instruction boards, car top inspection boards, car control boards if any, and others.

Asia Fuji can fully customize your package kit for new lifts as per your exact requests.



Modernization Site Survey

Synchronous Motor

Encoder Photo____
Brand____
Model____
Installation Shaft Diameter____mm
Signal Type____

Brake System Photo____
Brake Voltage____V
Maintaining Voltage____V
Brake Current____A
Maintaining Current____A

Motor Brand Photo____
Voltage____V
Current____A
Power____KW
Frequency____HZ
Rotating Speed____RPM

Asynchtonous Motor

Encoder Photo____
Brand____
Model____
Installation Shaft Diameter____mm
Signal Type____

Brake System Photo____
Brake Voltage____V
Maintaining Voltage____V
Brake Current____A
Maintaining Current____A

Reducer Photo____
Reduction Ratio____
Traction Model____

Motor Brand Photo____
Voltage____V
Current____A
Power____KW
Frequency____HZ
Rotating Speed____RPM

Door Operator

Controller Voltage____V

Motor Voltage____V

Synchronous Motor
Encoder Photo____
Brand____
Model____
Installation Shaft Diameter____mm
Signal Type____
Operating Voltage____V

Type ☐Synchronouns ☐Asynchrounous ☐DC or Resistor
Brand
Model
Control ☐Encoder ☐Bi-Stable Magnetic Switch

COP & LOP

COP
Panel Length L1____mm
Panel Width W1____mm
Box Length L2____mm
Box Width W2____mm
Box Deepth D1____mm

LOP
Panel Length L3____mm
Panel Width W3____mm
Box Length L4____mm
Box Width W4____mm
Box Deepth D2____mm

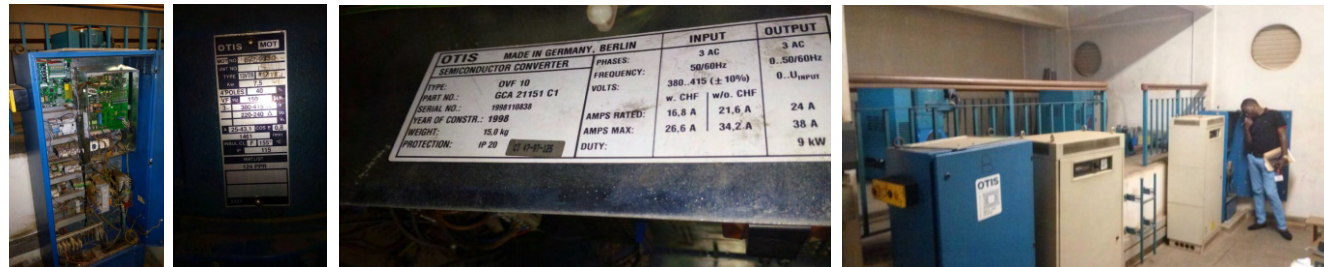
Shaft Wirings

Motor Supporting Beam____mm
RD : Machine Room Width RW : Machine Room Deepth
RH : Machine Room Height HW : Shaft Width
HD : Shaft Deepth

Floor No	Height (mm)
Top Floor	
N Floor	
.	
.	
.	
.	
.	
5th	
4th	
3rd	
2nd	
1st	
G	
B	
Pit Depth	

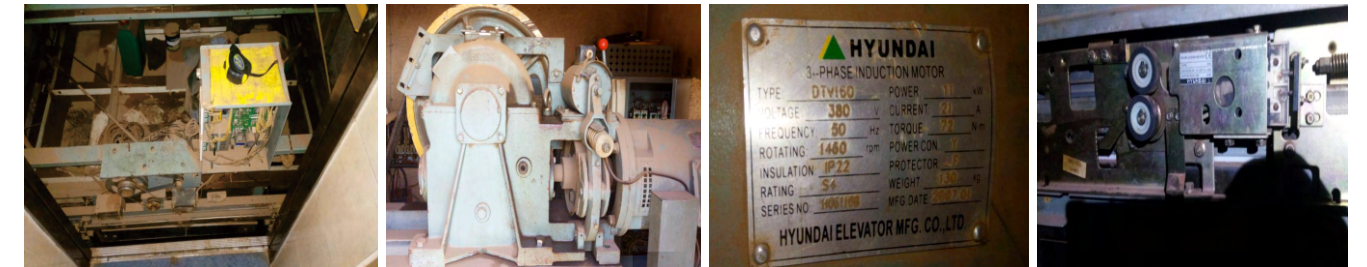
Modernization Cases

Otis



Modernization Scope: Motor, Electrical System, Door System, Safety System

Hyundai



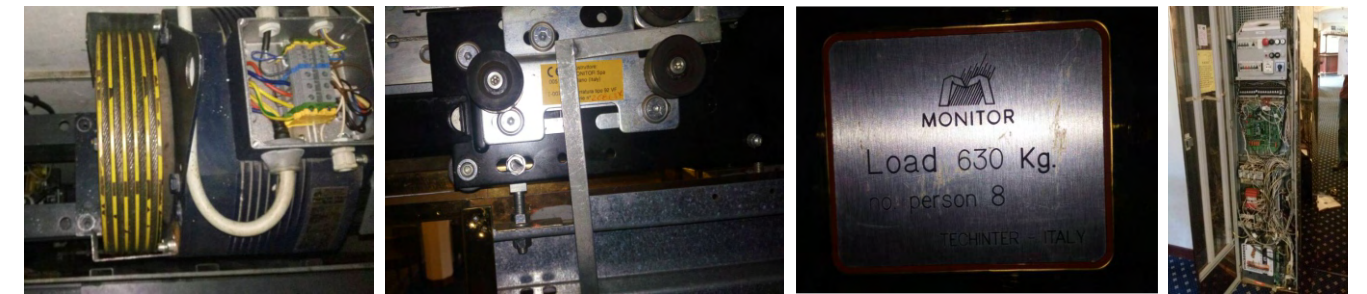
Modernization Scope: Motor, Electrical System, Door System, Safety System

Schindler



Modernization Scope: Motor, Electrical System

Monitor



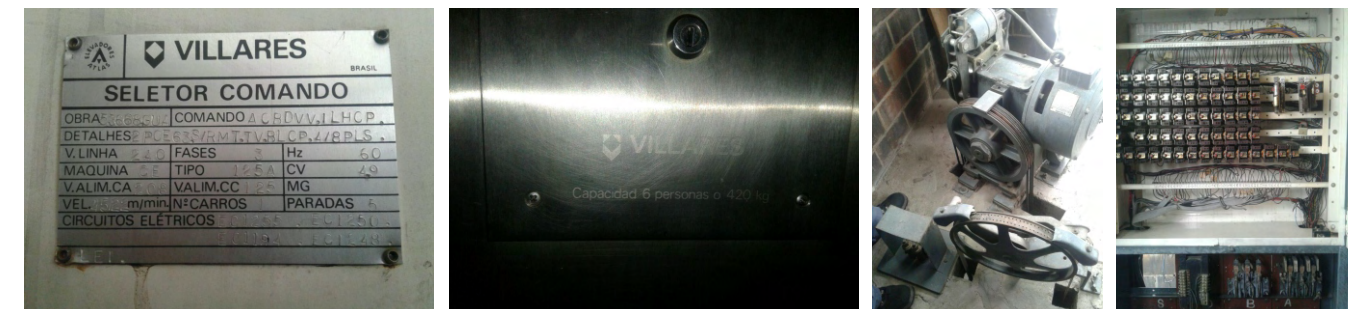
Modernization Scope: Motor, Electrical System, Door System, Safety System

Mitsubishi



Modernization Scope: Motor, Electrical System

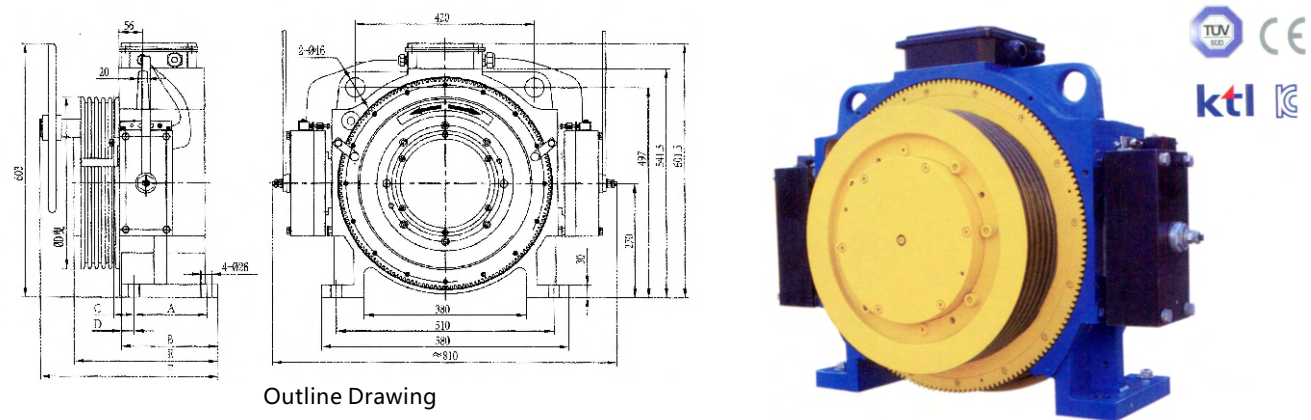
Villares



Modernization Scope: Motor, Electrical System, Door System

PM Gearless Traction Machine

WYT-T series is ASIA FUJI standard outer rotor type PM gearless traction machine.It is very cost-effective,and is a classic model with largest sales&ownership.



Technical Machine Parameters

- Voltage:AC380V
- Roping:2:1
- Wrap:Single
- Capacity:450kg ~ 1150kg
- Speed:0.5m/s ~ 2.0m/s
- Protection Grade:IP41
- Ins.Class:F
- Traction machine pole:20
- starts per hour:240
- Rating:S5-40%
- Elevator Height:≤90m

Brake Parameter

- Model:BLB
- Ins.Class:F
- Voltage:DC110V
- Current:

Series	Speed (m/s)	Capacity code	Current
WYT-T	0.5 ~ 2.0	A、B、AL、BLS、CS(450kg ~ 800kg)	1.1A
		C、D、E、BL、CL、DL(630kg ~ 1150kg)	1.3A

Features

- Short axial length,suitable for machine roomless elevator application;
- High efficiency with high torque density design;
- Small size,simple structure with high utilization of materials;
- Machine low speed operation smooth,with low noise and small vibration;
- Use block type armless brake with high reliability.

WYT-T Outer Rotor Series

Series	Model	Capacity (kg)	Speed (mm)	Sheave (mm)	Num	(mm)	Pitch (mm)	Current (A)	Motor Speed (rpm)	Frequency (Hz)	Power (kw)	Torque (Nm)	Shaft Load (kg)	Weight (kg)	Dimension(mm)					
															A	B	C	D	E	F
WYT-T	0.5A	450	0.5	Φ400	4	Φ10	16	4.2	48	8	1.6	320								
	1.0A		1.0					7.7	96	16	3.2									
	1.5A		1.5					10.8	144	24	4.8									
	1.6A		1.6					12	153	26	5.1									
	1.75A		1.75					12.4	168	28	5.6									
	2.0A		2.0					14.5	192	32	6.4									
	0.5B	630	0.5	Φ400	4	Φ10	16	5.6	48	8	2.3	460	2500	≈300	140	195	47.5	29.5	306	385
	1.0B		1.0					10.4	96	16	4.6									
	1.5B		1.5					15.3	144	24	6.9									
	1.6B		1.6					15.9	153	26	7.4									
	1.75B		1.75					17.8	168	28	8.1									
	2.0B		2.0					20.2	192	32	9.3									
	0.5CS	800	0.5	Φ400	5	Φ10	16	6.8	48	8	2.8	550								
	1.0CS		1.0					12.7	96	16	5.5									
	1.5CS		1.5					18.2	144	24	8.3									
	1.6CS		1.6					19.8	153	26	8.8									
	1.75CS		1.75					21.7	168	28	9.7									
	2.0CS		2.0					24	192	32	11									
	0.5C	800	0.5	Φ400	5	Φ10	16	6.8	48	8	2.8	550								
	1.0C		1.0					12.7	96	16	5.5									
	1.5C		1.5					18.2	144	24	8.3									
	1.6C		1.6					19.8	153	26	8.8									
	1.75C		1.75					21.7	168	28	9.7									
	2.0C		2.0					24	192	32	11									
	0.5D	1000	0.5	Φ400	5	Φ10	16	7.8	48	8	3.4	665	3500	≈360	170	225	47.5	29.5	336	415
	1.0D		1.0					14.9	96	16	6.7									
	1.5D		1.5					22.2	144	24	10									
	1.6D		1.6					24.6	153	26	10.7									
	1.75D		1.75					26	168	28	11.7									
	2.0D		2.0					29.6	192	32	13.4									
	0.5E	150	0.5	Φ400	5	Φ10	16	9	48	8	3.85	765			170	240	47.5	29.5	351	430
	1.0E		1.0					17	96	16	7.7									
	1.5E		1.5					25.7	144	24	11.5									
	1.6E		1.6					27.4	153	26	12.3									
	1.75E		1.75					29.3	168	28	13.4									
	2.0E		2.0					32.7	192	32	15.4									
	0.5AL	450	0.5	Φ480	4	Φ10	16	4.2	40	6.6	1.6	385	2500	≈300	140	195	47.5	29.5	306	385
	1.0AL		1.0					7.3	80	13.3	3.2									
	1.5AL		1.5					10.7	119	19.9	4.8									
	1.6AL		1.6					11.3	127	21.2	5.1									
	1.75AL		1.75					12.4	139	23.2	5.6									
	2.0AL		2.0					13.8	159	26.5	6.4									
	0.5BLS	630	0.5	Φ480	4	Φ10	16	6.1	40	6.6	2.3	550								
	1.0BLS		1.0					10.7	80	13.3	4.6									
	1.5BLS		1.5					15.3	119	19.9	6.9									
	1.6BLS		1.6					16.4	127	21.2	7.4									
	1.75BLS		1.75					17.8	139	23.2	8.1									
	2.0BLS		2.0					20	159	26.5	9.2									
	0.5BL	630	0.5	Φ480	4	Φ10	16	6.1	40	6.6	2.3	550	3500							
	1.0BL		1.0					10.7	80	13.3	4.6									
	1.5BL		1.5					15.3	119	19.9	6.9									
	1.6BL		1.6					16.4	127	21.2	7.4									
	1.75BL		1.75					17.8	139	23.2	8.1									
	2.0BL		2.0					20	159	26.5	9.2									
	0.5CL	800	0.5	Φ480	5	Φ10	16	6.9	40	6.6	2.76	665		≈360	170	225	47.5	29.5	336	415
	1.0CL		1.0					12.2	80	13.3	5.5									
1.5CL	1.5		18.3					119	19.9	8.3										
1.6CL	1.6		19.1					127	21.2	8.8										
1.75CL	1.75		21					139	23.2	9.7										
2.0CL	2.0		23.8					159	26.5	11										
0.5DL	1000	0.5	Φ480	5	Φ10	16	8.4	40	6.6	3.3	800									
1.0DL		1.0					14.9	80	13.3	6.7										
1.5DL		1.5					22.2	119	19.9	10										
1.6DL		1.6					23.6	127	21.2	10.7										
1.75DL		1.75					25.4	139	23.2	11.7										
2.0DL		2.0					28.7	159	26.5	13.3										

PM Gearless Traction Machine

WYT-S outer rotor series gearless traction machine is the earliest product of ASIA FUJI, it is suitable for various elevator layout. After a long period of optimization, it has developed to third generation.



Technical Machine Parameters

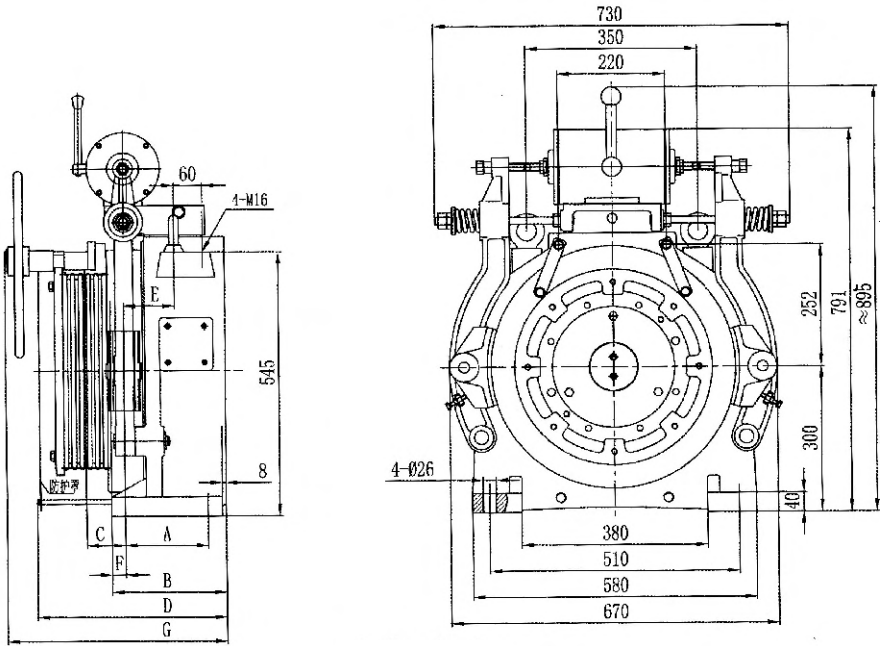
- Voltage: AC380V
- Roping: 2:1
- Wrap: Single
- Capacity: 450kg ~ 1150kg
- Speed: 0.5m/s ~ 2.5m/s
- Protection Grade: IP41
- Ins. Class: F
- Traction machine pole: 20
- Starts per hour: 240
- Rating: S5-40%
- Elevator Height: ≤120m

Brake Parameter

- Model: DZE
- Ins. Class: F
- Voltage: AC220/110V
- Current: 3.2/1.6A

Features

- High shaft load, high torque & high reliability;
- Low running noise, low vibration, smooth running;
- Suitable for mini machine room / roomless elevator;
- Use traditional drum brake with arm, easy to adjust.

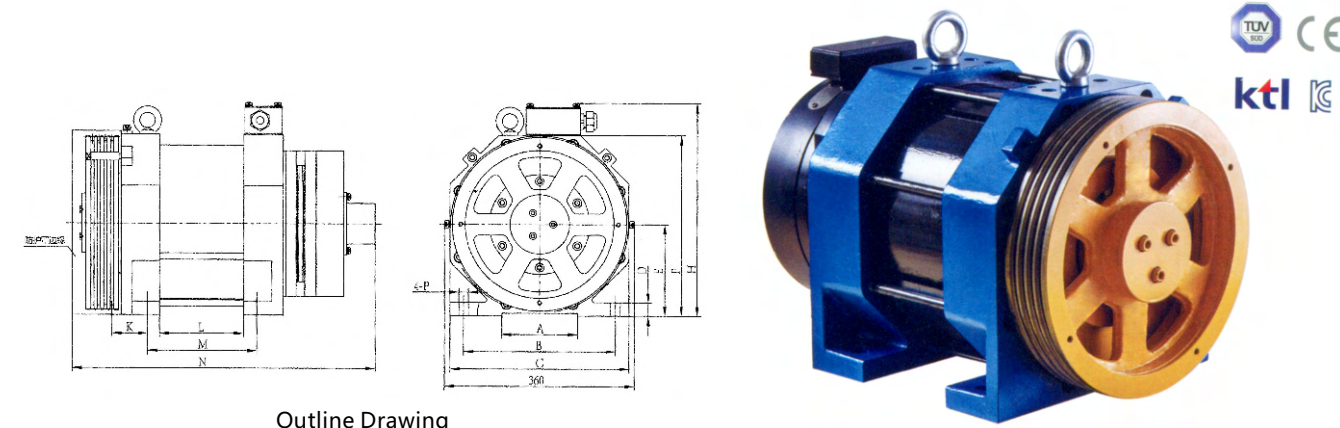


Outline Drawing

WYT-S Outer Rotor Series

Series	Model	Capacity (kg)	Speed (mm)	Sheave (mm)	Num	(mm)	Pitch (mm)	Current (A)	Motor Speed (rpm)	Frequency (Hz)	Power (kw)	Torque (Nm)	Shaft Load (kg)	Weight (kg)	Dimeision(mm)						
															A	B	C	D	E	F	G
WYT-S	0.5A	450	0.5	Φ400	4	Φ10	16	4.2	48	8	1.6	320	5500	≈450	140	207	79.5	357	78	33	417
	1.0A		1.0					7.7	96	16	3.2										
	1.5A		1.5					11.2	144	24	4.8										
	1.6A		1.6					12	153	26	5.1										
	1.75A		1.75					12.4	168	28	5.6										
	2.0A		2.0					14.5	192	32	6.4										
	2.5A		2.5					17.5	240	40	8.04										
	0.5B	630	0.5	Φ400	4	Φ10	16	5.6	48	8	2.3	460									
	1.0B		1.0					10.4	96	16	4.6										
	1.5B		1.5					15.3	144	24	6.9										
	1.6B		1.6					15.9	153	26	7.4										
	1.75B		1.75					17.8	168	28	8.1										
	2.0B		2.0					20.2	192	32	9.3										
	2.5B		2.5					24.5	240	40	11.5										
	0.5C	800	0.5	Φ400	5	Φ10	16	6.8	48	8	2.8	55									
	1.0C		1.0					12.5	96	16	5.5										
	1.5C		1.5					18.2	144	24	8.3										
	1.6C		1.6					19.8	153	26	8.8										
	1.75C		1.75					20.6	168	28	9.7										
	2.0C		2.0					24	192	32	11										
	2.5C		2.5					28.8	240	40	13.8										
	0.5D	1000	0.5	Φ400	5	Φ10	16	7.8	48	8	3.4	665									
	1.0D		1.0					14.9	96	16	6.7										
	1.5D		1.5					22.2	144	24	10										
	1.6D		1.6					23.6	153	26	10.7										
	1.75D		1.75					24.3	168	28	11.7										
	2.0D		2.0					28.2	192	32	13.4										
	2.5D		2.5					34.6	240	40	16.7										
	0.5E	1150	0.5	Φ340	8	Φ8	12	9.3	56	9.4	4	675									
	1.0E		1.0					17.2	113	18.84	8										
	1.5E		1.5					26	168	28	11.9										
	1.6E		1.6					26	180	30	12.7										
	1.75E		1.75					28.3	198	33	14										
	2.0E		2.0					33	226	37.7	16										
	2.5E		2.5					41.8	281	46.8	19.8										
	0.5AL	450	0.5	Φ480	4	Φ10	16	4.2	40	6.6	1.6	385									
	1.0AL		1.0					7.7	80	13.3	3.2										
	1.5AL		1.5					10.8	119	19.9	4.8										
	1.6AL		1.6					12	127	21.2	5.1										
	1.75AL		1.75					12.4	139	23.2	5.6										
	2.0AL		2.0					14.5	159	26.5	6.4										
	2.5AL		2.5					16.8	199	33.2	8.04										
	0.5BL	360	0.5	Φ480	4	Φ10	16	5.6	40	6.6	2.3	550									
	1.0BL		1.0					10.4	80	13.3	4.6										
	1.5BL		1.5					15.3	119	19.9	6.9										
	1.6BL		1.6					15.9	127	21.2	7.4										
	1.75BL		1.75					17.8	139	23.2	8.1										
	2.0BL		2.0					20.2	159	26.5	9.3										
	2.5BL		2.5					24.5	199	33.2	11.5										
	0.5CL	800	0.5	Φ480	5	Φ10	16	6.8	40	6.6	2.8	665									
	1.0CL		1.0					12.5	80	13.3	5.5										
	1.5CL		1.5					18.2	119	19.9	8.3										
	1.6CL		1.6					19.8	127	21.2	8.8										
	1.75CL		1.75					20.6	139	23.2	9.7										
	2.0CL		2.0					24	159	26.5	11										
	2.5CL		2.5					28.8	199	33.2	13.8										
0.5DL	1000	0.5	Φ480	5	Φ10	16	8.2	40	6.6	3.3	800										
1.0DL		1.0					14.4	80	13.3	6.7											
1.5DL		1.5					21.7	119	19.9	10											
1.6DL		1.6					22.8	127	21.2	10.7											
1.75DL		1.75					24.7	139	23.2	11.7											
2.0DL		2.0					28	159	26.5	13.3											
2.5DL		2.5					34.6	199	33.2	16.7											
0.5EL	1150	0.5	Φ400	5	Φ10	16	9	48	8	3.85	765										
1.0EL		1.0					17	96	16	7.7											
1.5EL		1.5					25.7	144	24	11.5											
1.6EL		1.6					27.4	153	26	12.3											
1.75EL		1.75					29.3	168	28	13.4											
2.0EL		2.0					32.7	192	32	15.4											
2.5EL		2.5					40	240	40	19.2											

WYT-L series product the new generation inner rotor structure PM gearless traction machine developed by ASIA FUJI in 2015. It is suitable for mini machine room or machine roomless elevator application.



Outline Drawing

Technical Machine Parameters

- Voltage:AC380V
- Roping:2:1
- Wrap:Single
- Capacity:320kg~1050kg
- Speed:0.5m/s~2.0m/s
- Protection Grade:IP41
- Ins.Class:F
- Traction machine pole:20
- starts per hour:240
- Rating:S5-40%
- Elevator Height:≤80m

Brake Parameter

- Model:BLS
- Ins.Class:F
- Voltage:DC110/55V
- Current:

Series	Speed (m/s)	Capacity code	Current
WYT-L	0.5 ~ 2.0	A3、A3S、A4、A4S、A5S、A6S (320kg ~ 630kg)	2.44/1.22A
		B、C、D(630kg ~ 1050kg)	2.6/1.3A

Features

- No frame on motor stator,further improves heat dissipation.
- High efficiency and high torque density design with high material utilization,small size and light weight.
- The inner rotor structure improves electromagnetic structure,result smooth low speed running and high overload capacity.
- Use shaft brake,with the advantage of compact structure,low braking noise and fast response time.

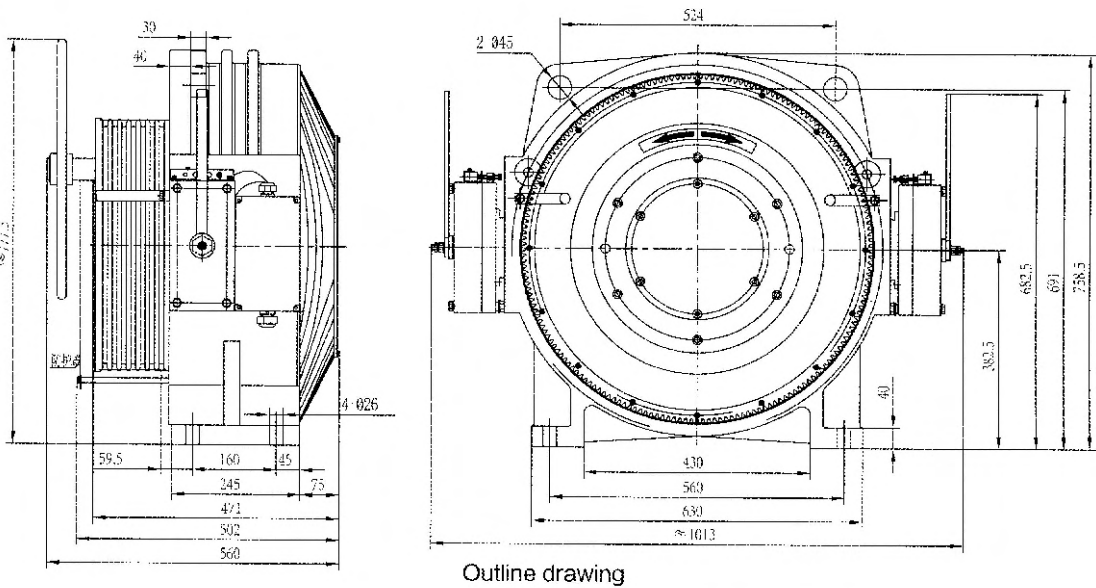
WYT-L Inner Rotor Series

Series	Model	Capacity (kg)	Speed (mm)	Sheave (mm)	Num	(mm)	Pitch (mm)	Current (A)	Motor Speed (rpm)	Frequency (Hz)	Power (kw)	Torque (Nm)	Shaft Load (kg)	Weight (kg)	Dimeision(mm)															
															A	B	C	D	E	F	H	K	L	M	N	P				
WYT-L	0.5A3	320	0.5	Φ320	4	Φ8	12	3.1	59	9.8	1.2	185	2000	≈185	140	280	330	25	170	335	405	65	114	160	520	Φ18				
	1.0A3		1.0					6	119	19.8	2.3																			
	1.5A3		1.5					8.9	178	29.7	3.4																			
	1.6A3		1.6					9.7	190	31.7	3.7																			
	1.75A3		1.75					10.7	208	34.7	4.1																			
	2.0A3		2.0					12.2	239	39.8	4.6																			
	0.5A3S	320	0.5	Φ240	6	Φ6	9	3.2	79	13	1.2	140		≈185	140	280	330	25	170	335	405	65	114	160	520	Φ18				
	1.0A3S		1.0					6.1	159	26.5	2.3																			
	1.5A3S		1.5					9.1	238	40	3.5																			
	1.6A3S		1.6					9.8	254	42.3	3.7																			
	1.75A3S		1.75					10.8	278	46.3	4.1																			
	2.0A3S		2.0					12.3	318	53	4.7																			
	0.5A4	450	0.5	Φ320	4	Φ8	12	4.2	59	9.8	1.6	260		≈200	140	280	330	25	170	335	405	65	154	200	560	Φ18				
	1.0A4		1.0					8.2	119	19.8	3.2																			
	1.5A4		1.5					12.6	178	29.7	4.9																			
	1.6A4		1.6					13.4	190	31.7	5.2																			
	1.75A4		1.75					14.6	208	34.7	5.7																			
	2.0A4		2.0					16.5	239	39.8	6.5																			
	0.5A4S	450	0.5	Φ240	7	Φ6	9	4.1	79	13	1.6	195		≈185	140	280	330	25	170	335	405	65	114	160	520	Φ18				
	1.0A4S		1.0					8.2	159	26.5	3.2																			
	1.5A4S		1.5					12.4	238	40	4.9																			
	1.6A4S		1.6					13.1	254	42.3	5.2																			
	1.75A4S		1.75					14.2	278	46.3	5.7																			
	2.0A4S		2.0					16	318	53	6.5																			
	0.5A5S	550	0.5	Φ240	7	Φ6	9	4.7	79	13	2.0	240		≈200	140	280	330	25	170	335	405	65	154	200	560	Φ18				
	1.0A5S		1.0					9.5	159	26.5	4.0																			
	1.5A5S		1.5					14.2	238	40	6.0																			
	1.6A5S		1.6					15.2	254	42.3	6.4																			
	1.75A5S		1.75					16.6	278	46.3	7																			
	2.0A5S		2.0					18.8	318	53	8																			
	0.5A6S	630	0.5	Φ240	8	Φ6	9	5.6	79	13	2.3	275		≈200	140	280	330	25	170	335	405	65	154	200	560	Φ18				
	1.0A6S		1.0					9.8	159	26.5	4.6																			
	1.5A6S		1.5					15.2	238	40	6.9																			
	1.6A6S		1.6					16	254	42.3	7.3																			
	1.75A6S		1.75					18.3	278	46.3	8.0																			
	2.0A6S		2.0					20.8	318	53	9.2																			
	0.5B	630	0.5	Φ320	6	Φ8	12	4.7	59	9.8	2.1	340		≈260	150	300	344	30	225	397	462	69	114	160	545	Φ22				
	1.0B		1.0					9.	119	19.8	4.2																			
	1.5B		1.5					13.9	178	29.7	6.3																			
	1.6B		1.6					15.1	190	31.7	6.8																			
1.75B	1.75		16.4					208	34.7	7.4																				
2.0B	2.0		18.5					239	39.8	8.5																				
0.5C	800	0.5	Φ320	8	Φ8	12	6.3	59	9.8	2.7	430	3500	≈275	150	300	344	30	225	397	462	69	114	190	545	Φ22					
1.0C		1.0					12.7	119	19.8	5.4																				
1.5C		1.5					18.8	178	29.7	8																				
1.6C		1.6					20.2	190	31.7	8.6																				
1.75C		1.75					22.2	208	34.7	9.4																				
2.0C		2.0					24.8	239	39.8	10.8																				
0.5D	1050	0.5	Φ320	8	Φ8	12	7.5	59	9.8	3.3	530	≈290	150	300	344	30	225	397	462	69	174	220	605	Φ22						
1.0D		1.0					15.1	119	19.8	6.6																				
1.5D		1.5					22.8	178	29.7	9.9																				
1.6D		1.6					24.1	190	31.7	10.5																				
1.75D		1.75					26.5	208	34.7	11.5																				
2.0D		2.0					29	239	39.8	13.3																				

Note: If input voltage is 220V, please contact us for customized technical data.

PM Gearless Traction Machine

WYT-U series products are designed with large torque and heavy load capacity. It is widely used in high-rise buildings elevator application such as panorama elevator, passenger and cargo elevator, hospital bed elevator etc.



Technical Machine Parameters

- Voltage:AC380V
- Roping:2:1
- Wrap:Single
- Capacity:1350kg ~ 2000kg
- Speed:1.0m/s ~ 2.5m/s
- Protection Grade:IP41
- Ins.Class:F
- Traction machine pole:30
- starts per hour:240
- Rating:S5-40%
- Elevator Height:≤120m

Brake Parameter

- Model:BLS
- Ins.Class:F
- Voltage:DC110V
- Current:

Series	Speed (m/s)	Capacity code	Current
WYT-U	1.0 ~ 2.5	DS、ES(1350kg ~ 1600kg)	1.3A
		FS(2000kg)	1.6A

WYT-U Outer Rotor Series

Series	Model	Capacity (kg)	Speed (mm)	Num	Sheave (mm)	(mm)	Pitch (mm)	Current (A)	Motor Speed (rpm)	Frepquency (Hz)	Power (kw)	Torque (Nm)	Shaft Load (kg)	Weight (kg)
WYT-U	1.0DS	1350	1.0	Φ480	7	Φ12	18	19.5	80	19.9	8.8	1055	7000	≈800
	1.75DS		1.75					33.7	139	34.8	15.4			
	2.0DS		2.0					39.3	159	39.8	17.6			
	2.5DS		2.5					47.2	199	49.7	22			
	1.0ES	1600	1.0	Φ480	7	Φ12	18	22.9	80	19.9	10.4	1250		
	1.75ES		1.75					40.5	139	34.8	18.2			
	2.0ES		2.0					46	159	39.8	20.8			
	2.5ES		2.5					57.5	199	49.7	26			
	1.0FS	2000	1.0	Φ480	7	Φ12	18	28.7	80	19.9	13.1	1570		
	1.75FS		1.75					50.8	139	34.8	22.9			
	2.0FS		2.0					57.6	159	39.8	26.2			
	2.5FS		2.5					71.9	199	49.7	32.7			

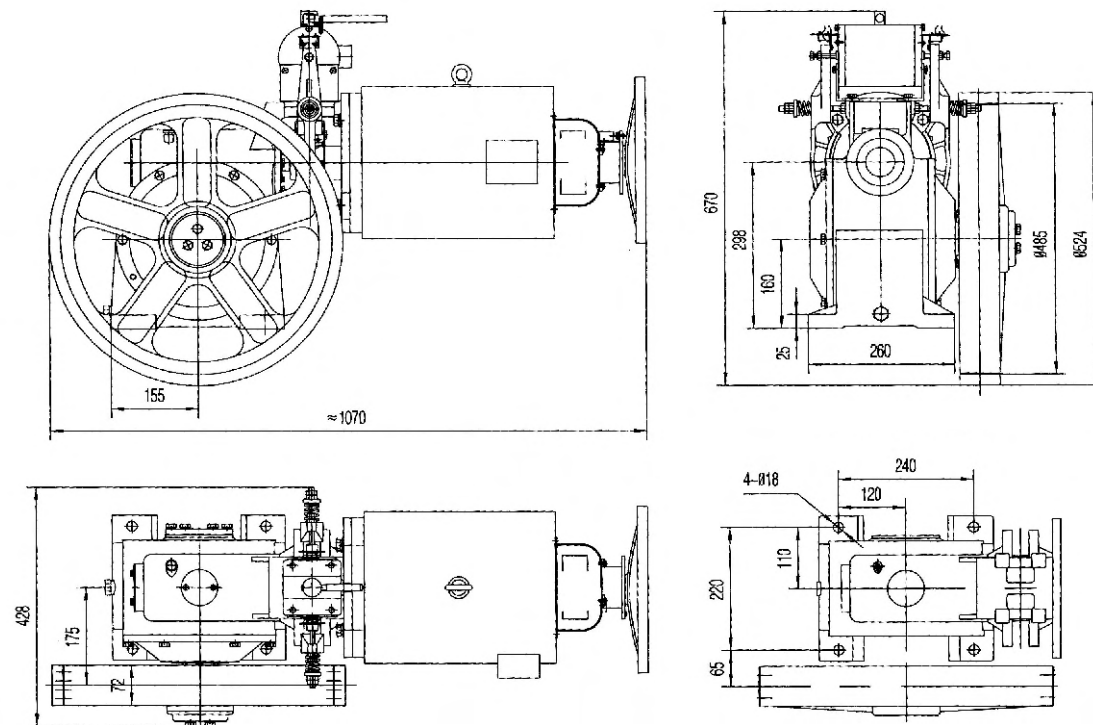
Note: If input voltage is 220V, please contact us for customized technical data.

Features

- Low-speed operation is smooth,high efficiency,large torque;
- Use high performance permanent magnetic materials and improve the magnetic circuit structure,so that the temperature rise and noise is much lower than industry standard.
- Traction machine use overheating protection device,with extra safety&reliability;
- Use block type armless brake,simple structure with fast response time and high reliability.

YJ135 Geared Traction Machine

- 1:1-300~630Kg,0.63~1.0m/s
- Max.Load of traction sheave shaft:5200Kg
- Control:VVVF
- Brake:DC110V,1.1A
- Weight:210Kg
- Sheave position: left/ right
(the picture is for left)
- Voltage: 380V (Standard). For 220V, please contact us for customized technical data.

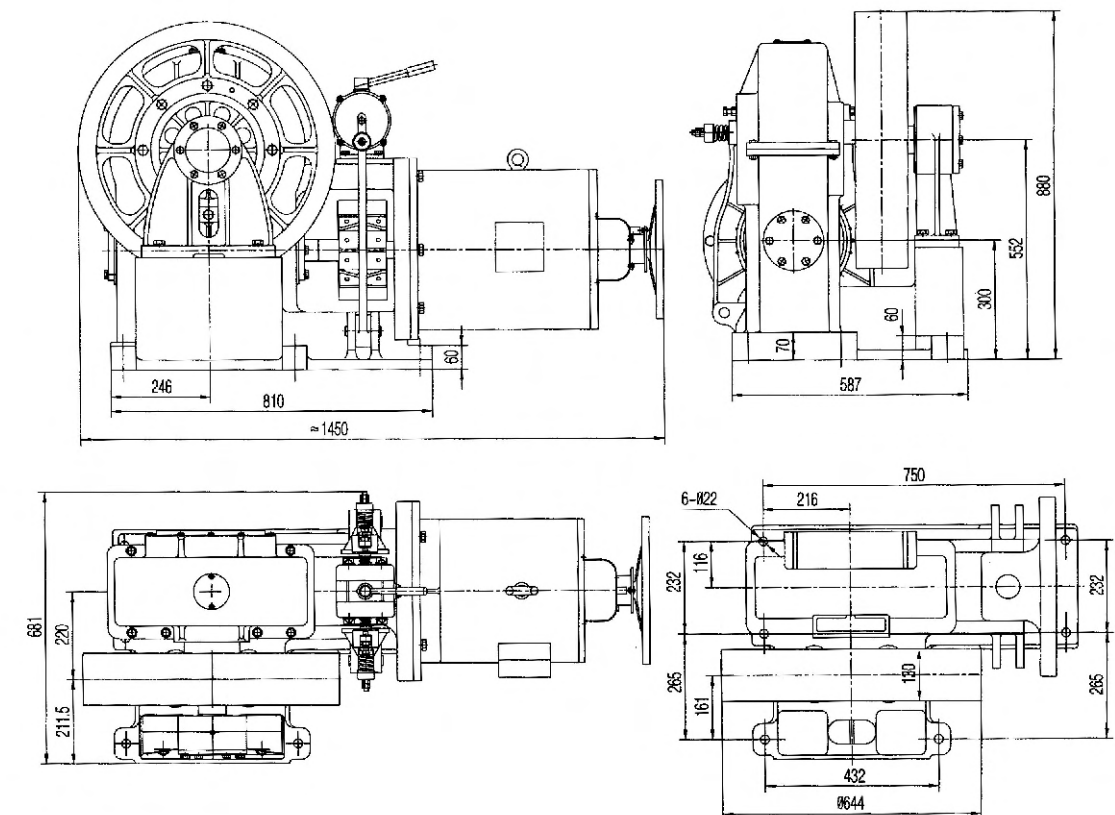
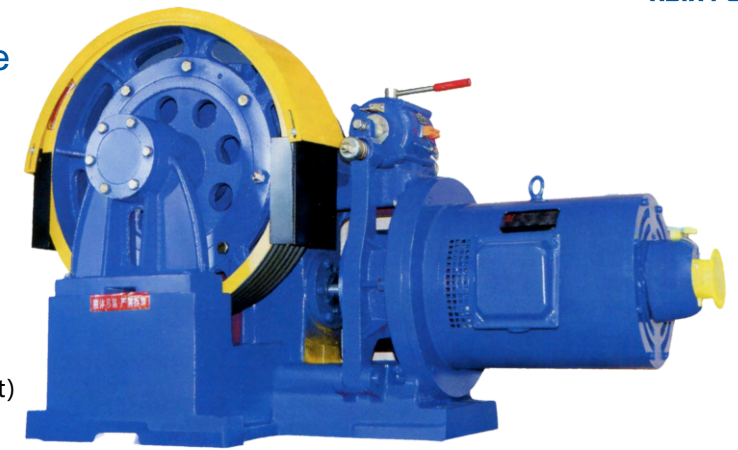


Technical Parameters

Load (kg)	Roping Rate	Speed of lift (m/s)	Ratio	Traction Sheave Sheave Diam(mm)-Rope Diam(mm)x Groove Num.-Groove pitch(mm)	Motor				
					Power(kw)	Pole	Hz	Speed (r/min)	Current (A)
400	1:1	0.63	37:1	φ 480- φ 10x4-16	3	6	49	928	7.9
630		0.63			4	6	49	928	12.6
400		0.7			3	4	36	1030	7.5
400		1.0			4	4	51	1472	8.6
500		1.0			5.5	4	51	1472	11.3
630	1:1	1.0	37:1	φ 520- φ 13x3-20	6.4	4	51	1472	13
630		0.88			5.5	4	40	1200	11.3
408		1.0			4	4	47	1358	8.6
544		1.0			5.5	4	47	1358	11.3
630		1.0			6.4	4	47	1358	13

YJ 250B Geared Traction Machine

- 1:1-1000Kg~1600Kg,1.0~1.26m/s
- 2:1-2000Kg~3000Kg,0.5~0.63m/s
- Max.Load of traction sheave shaft:8780Kg
- Control:VVVF
- Brake:DC110V,1.1A
- Weight:800Kg
- Sheave position:Left (The picture is for left)
- Voltage: 380V (Standard). For 220V, please contact us for customized technical data.

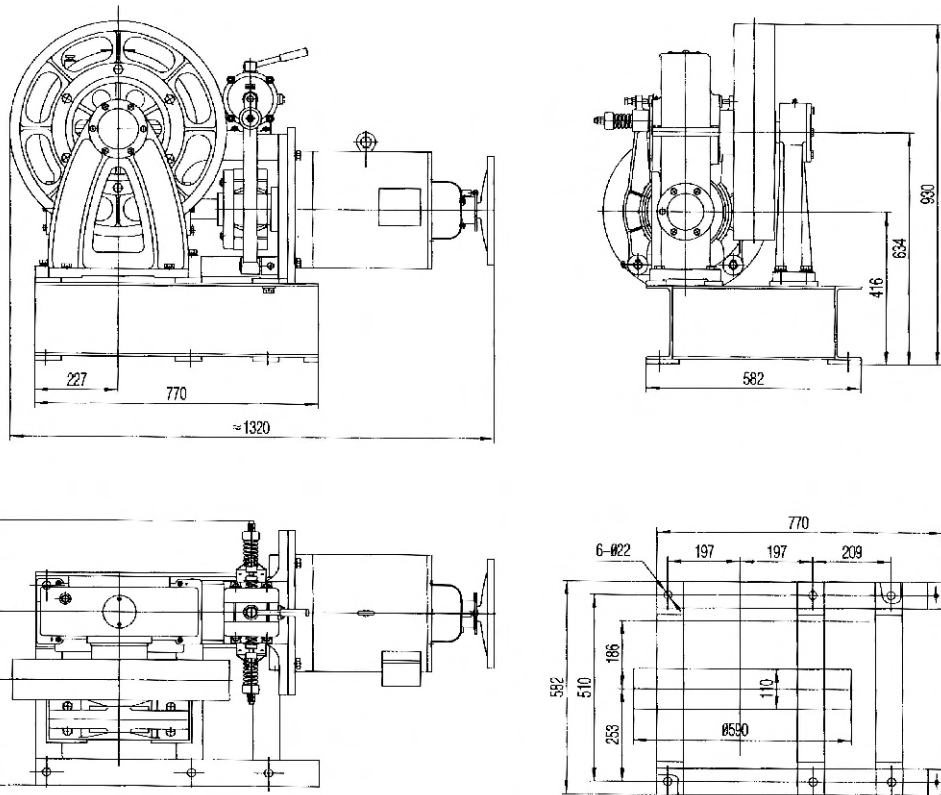


Technical Parameters

Load (kg)	Roping Rate	Speed of lift (m/s)	Ratio	Traction Sheave Sheave Diam(mm)-Rope Diam(mm)x Groove Num.-Groove pitch(mm)	Motor				
					Power(kw)	Pole	Hz	Speed (r/min)	Current (A)
1000	1:1	1.0	61:2	φ 610- φ 13x5-20	11	6	50	955	24
1600		1.0	63:2	φ 640- φ 16x5-23/25	15	6	50	940	32
1600		1.26	63:2		18.5	4	40	1184	35.5
2000	2:1	0.5	61:2	φ 610- φ 13x5-20	11	6	50	955	24
2000		0.63	61:2	φ 640- φ 16x5-23/25	13	4	41	1203	25
3000		0.5	63:2		15	6	50	940	40
3000		0.63	63:2		18.5	4	50	1184	35.5

YJ210 Geared Traction Machine

- 1:1-1000,0.5~1.0m/s
2:1-2000,0.25~1.0m/s
- Max.Load of traction sheave shaft:9000Kg
- Control:VVVF
- Brake:DC110V,1.1A
- Weight:550Kg
- Sheave position:Left/Right (The picture is for left)
- Voltage: 380V (Standard). For 220V, please contact us for customized technical data.

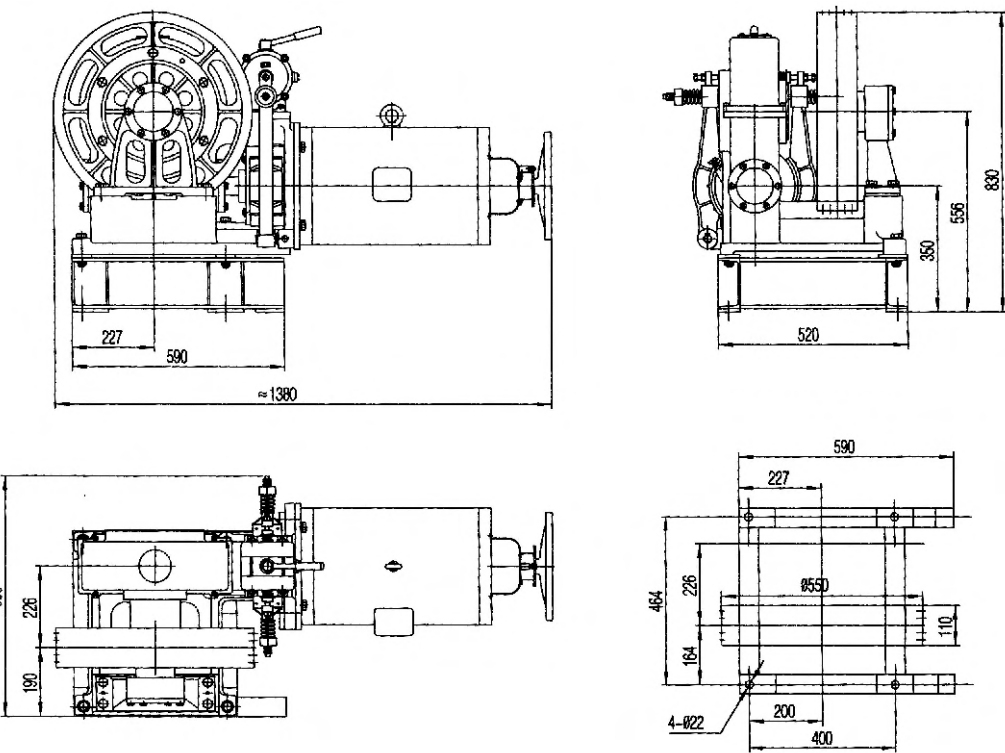
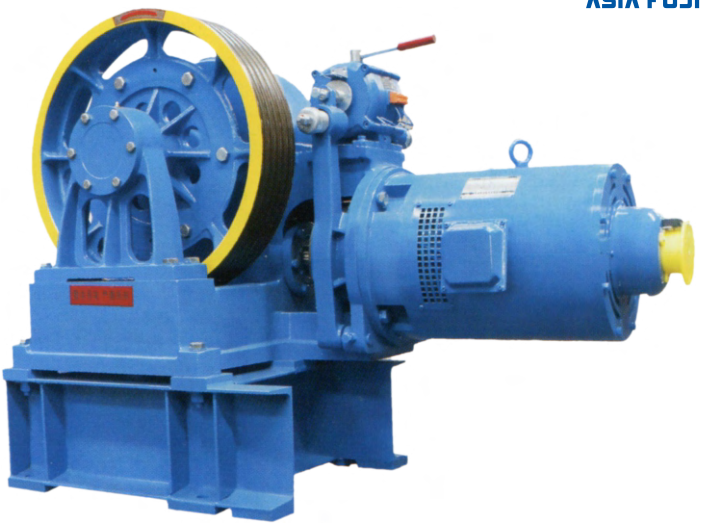


Technical Parameters

Load (kg)	Roping Rate	Speed of lift (m/s)	Ratio	Traction Sheave Sheave Diam(mm)-Rope Diam(mm)x Groove Num.-Groove pitch(mm)	Motor				
					Power(kw)	Pole	Hz	Speed (r/min)	Current (A)
1000	1:1	0.5	59:1	φ 586- φ 13x5-20	7.5	6	50	961	16
1000		1.0	59:2		11	6	50	961	24
1600	2:1	0.5	59:2		9	6	50	961	19.5
2000		0.25	59:1		7.5	6	50	961	16
2000		0.5	59:2		11	6	50	961	24

YJ210F Geared Traction Machine

- 1:1-630~1000Kg,0.5~1.0m/s
2:1-1500~2000Kg,0.5m/s
- Max.Load of traction sheave shaft:5900Kg
- Control:VVVF
- Brake:DC110V,1.1A
- Weight:600Kg
- Sheave position:Left (The picture is for left)
- Voltage: 380V (Standard). For 220V, please contact us for customized technical data.

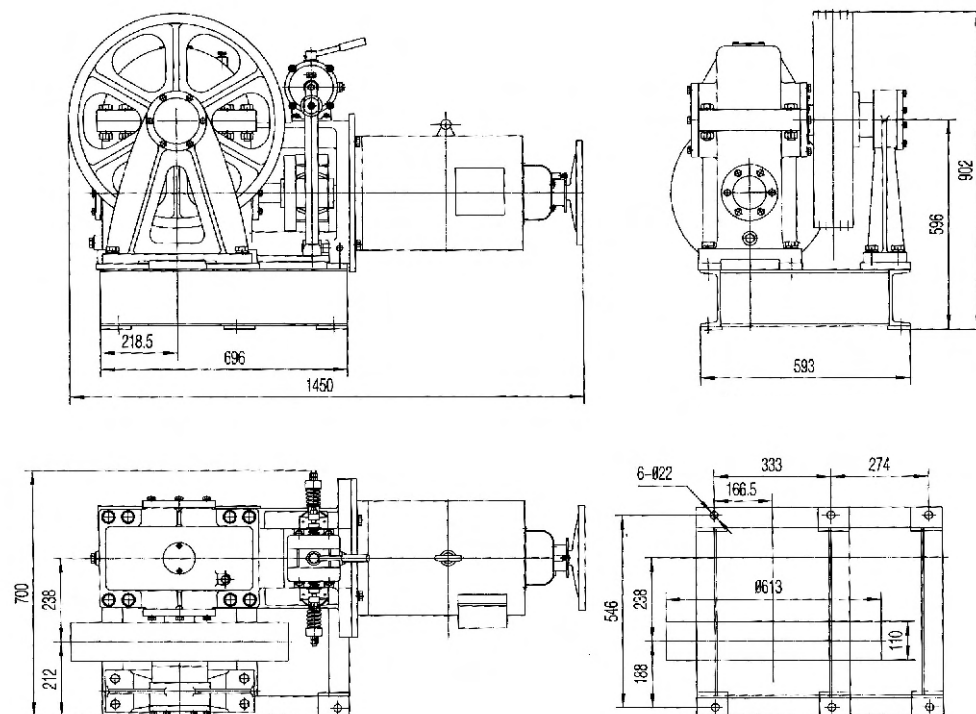
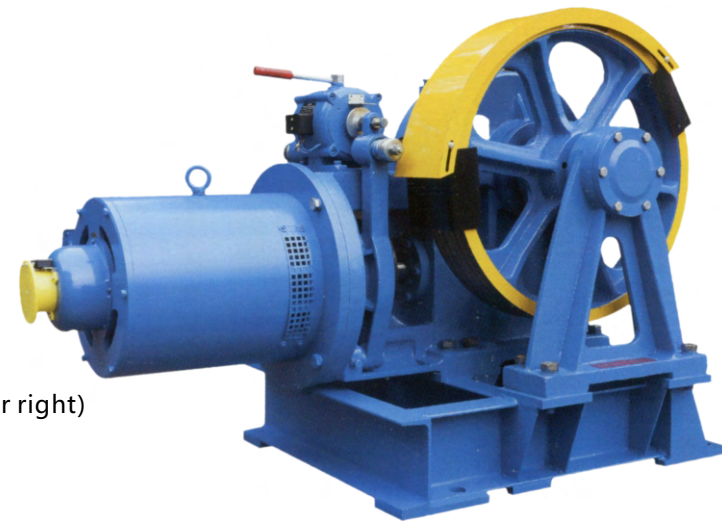


Technical Parameters

Load (kg)	Roping Rate	Speed of lift (m/s)	Ratio	Traction Sheave Sheave Diam(mm)-Rope Diam(mm)x Groove Num.-Groove pitch(mm)	Motor				
					Power(kw)	Pole	Hz	Speed (r/min)	Current (A)
630	1:1	1.0	55:2	φ 550- φ 13x5-20	7.5	6	50	954	16
800		1.0	55:2		9	6		954	19.5
1000		0.5	55:1		7.5	6		954	16.5
1000		1.0	55:2		11	6		954	24
1500	2:1	0.5	55:2		7.5	6	50	954	16
1600		0.5	55:2		9	6		954	19.5
2000		0.5	55:2		11	6		954	24

YJ220 Geared Traction Machine

- 1:1-1000Kg~1500Kg,1.0m/s~2.0m/s
- Max.Load of traction sheave shaft:6100Kg
- Control:VVVF
- Brake:DC110V,1.1A
- Weight:700Kg
- Sheave position:Right/Left (The pictutre is for right)
- Voltage: 380V (Standard). For 220V, please contact us for customized technical data.

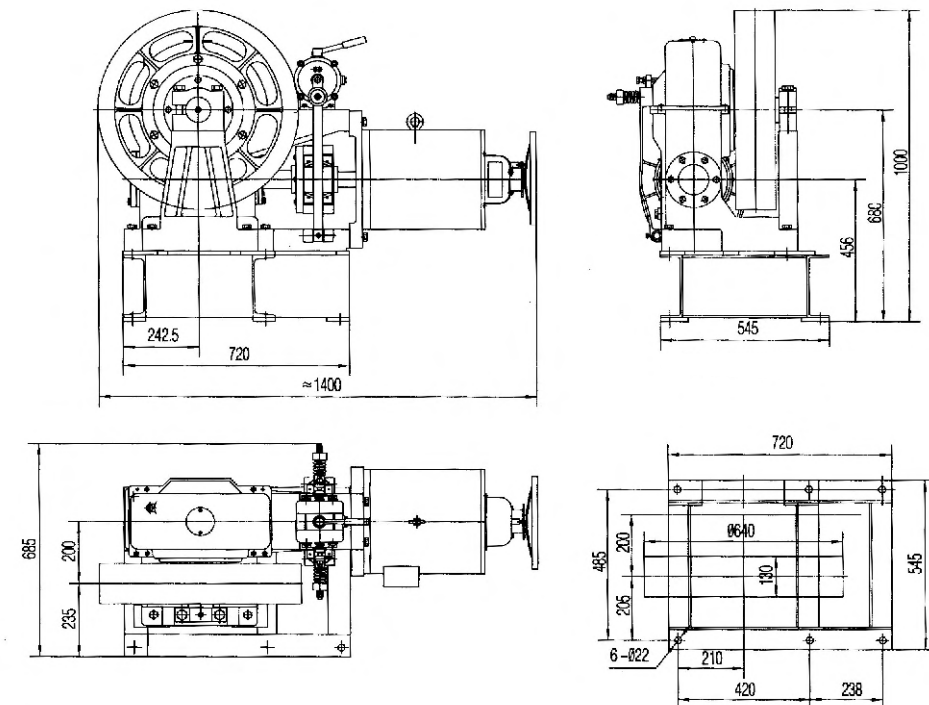
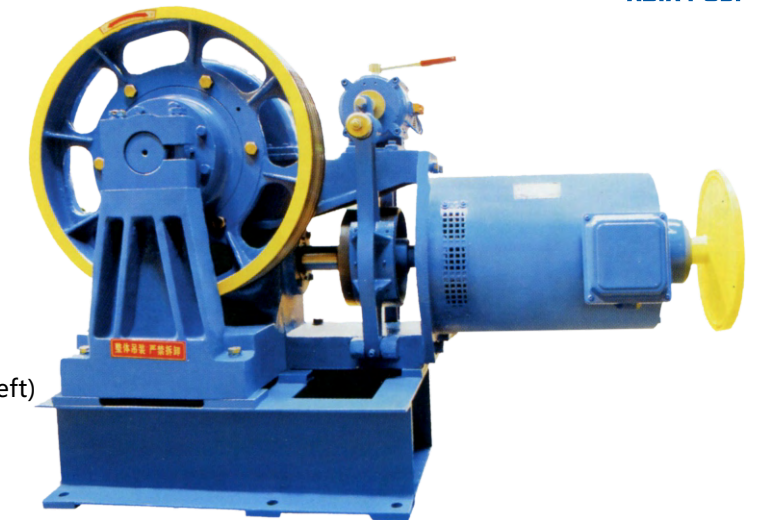


Technical Parameters

Load (kg)	Roping Rate	Speed of lift (m/s)	Ratio	Traction Sheave Sheave Diam(mm)-Rope Diam(mm)x Groove Num.-Groove pitch(mm)	Motor				
					Power(kw)	Pole	Hz	Speed (r/min)	Current (A)
1000	1:1	1.0	55:2	φ 550- φ 13x5-20	11	6	50	954	24
1000		1.26	48:2	φ 586- φ 13x5-20	13	6	50	985	28
1000		1.5	55:2	φ 550- φ 13x5-20	15	4	48	1432	28
1000		1.6	55:2	φ 610- φ 13x5-20	15	4	46	1377	28
1000		1.75	55:2		18.5	4	51	1506	34
1000		2.0	55:2		18.5	4	60	1722	35.5
1250		1.0	55:2	φ 550- φ 13x5-20	13	6	50	954	28
1000		1.0	55:2		15	6	50	954	28

YJ225 Geared Traction Machine

- 1:1-1250~1600Kg,1.0~2.0m/s
- 2:1-1600~3000Kg,0.5~1.0m/s
- Max.Load of traction sheave shaft:21000Kg
- Control:VVVF
- Brake:DC110V,1.1A
- Weight:750Kg
- Sheave position:Left/Right (The pictutre is for left)
- Voltage: 380V (Standard). For 220V, please contact us for customized technical data.



Technical Parameters

Load (kg)	Roping Rate	Speed of lift (m/s)	Ratio	Traction Sheave Sheave Diam(mm)-Rope Diam(mm)x Groove Num.-Groove pitch(mm)	Motor				
					Power(kw)	Pole	Hz	Speed (r/min)	Current (A)
1250	1:1	1.75	53:2	φ 640- φ 13x6-20	22	4	46	1383	43
1250		2.0	45:2		22	4	44	1342	43
1500		1.0	45:1		15	4	44	1342	29.4
1600		1.0	45:1		18.5	4	44	1342	36
1600	2:1	1.0	45:2	φ 640- φ 13x6-20	15	4	44	1342	29.4
2000		0.63	53:2	φ 610- φ 13x5-20	13	4	36	1045	26
2000		1.0	45:2	φ 610- φ 13x6-20	18.5	4	48	1410	36
3000		0.5	45:1	φ 640- φ 13x6-20	15	4	46	1350	29.4
3000		0.63	53:2		18.5	6	50	996	36
3000		0.75	45:2		22	6	50	1000	45

Traction Machine Accessories



HAIDENHAIN Encoder



TAMAGAWA Encoder



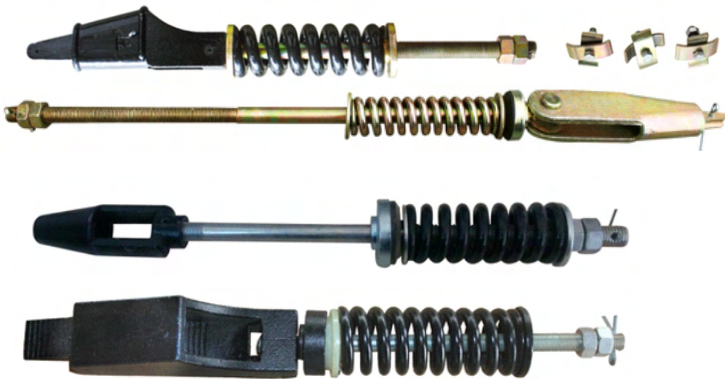
ROTARY ENCODER



Nylon Pulley:
Dia 400mm, 520mm



Iron Cast Pulley:
Dia 400mm, 480mm



Rope Attachment: Dia 8, 10, 12,13,16mm



Rope for Traction Machine: Dia 8, 10,12,13,16mm
Rope for Overspeed Governor: Dia 6mm, 8mm

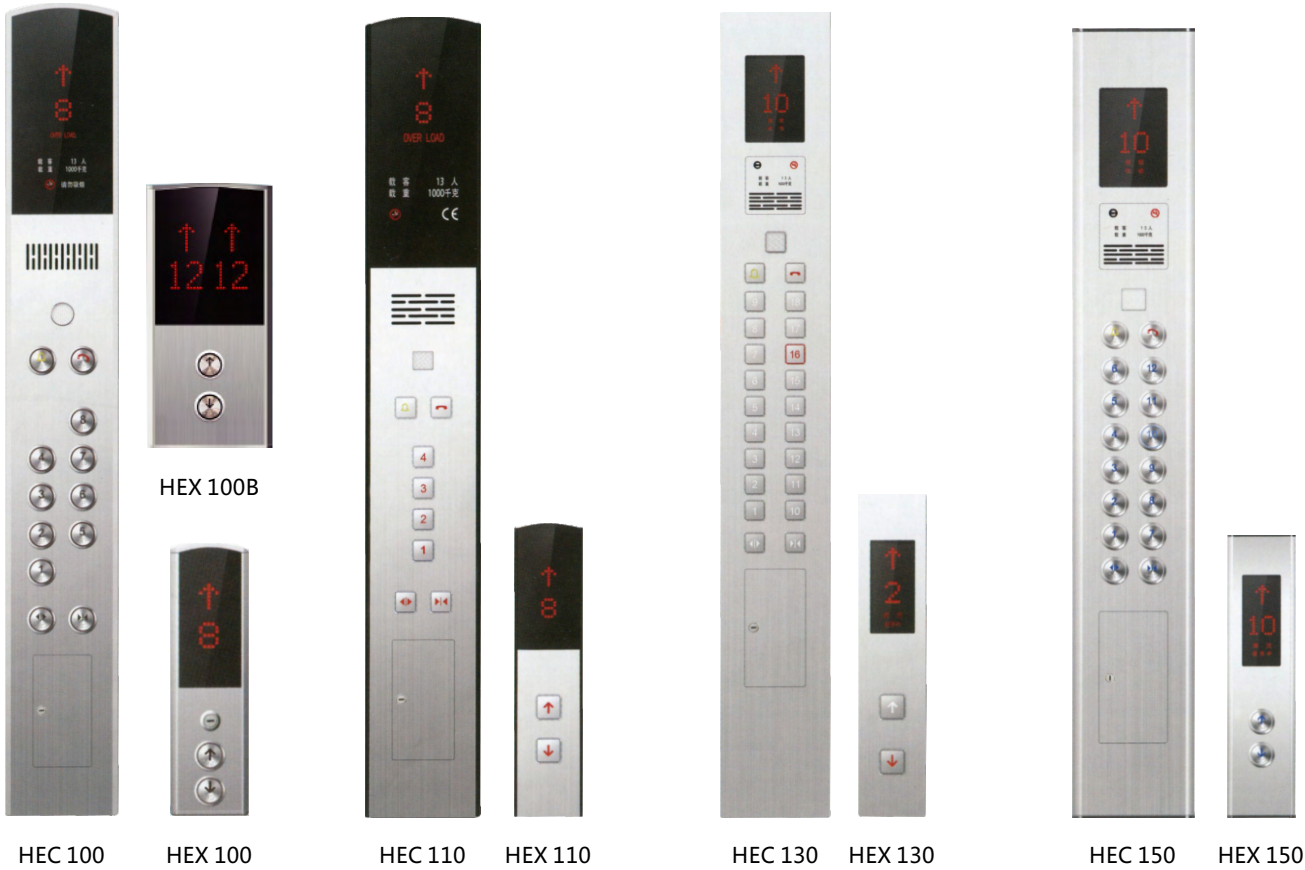
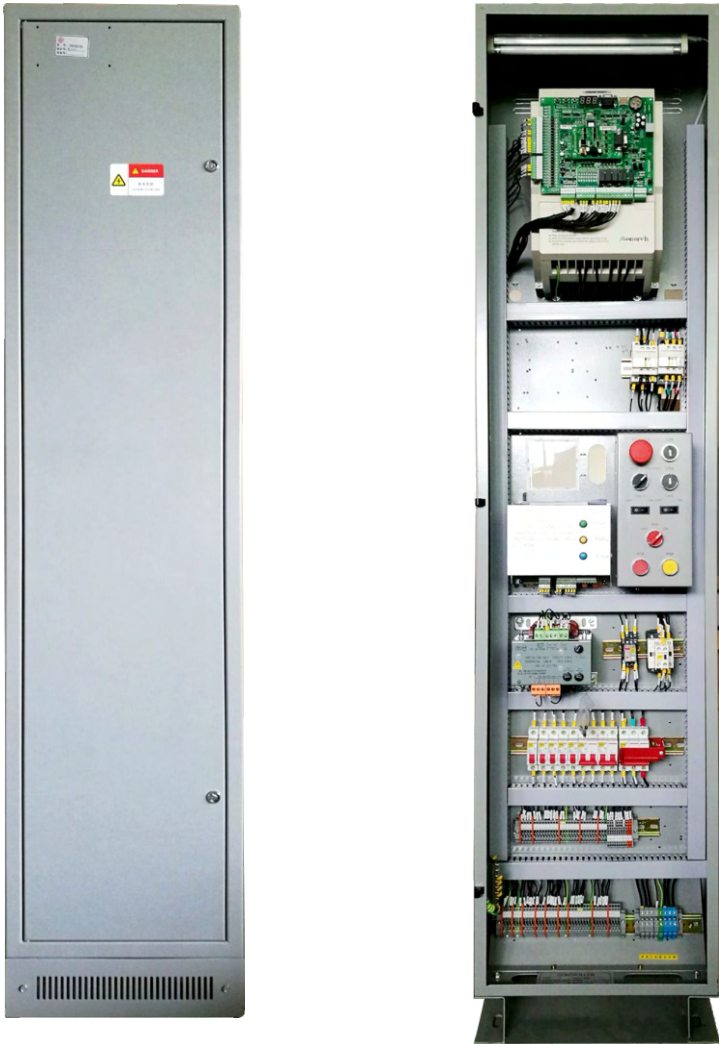
Controller for Machine Room



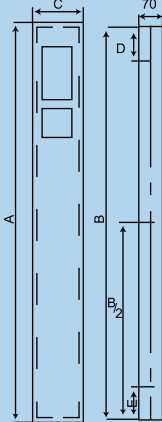
Technical Specifications	
Power	3.7KW to 55KW
Max No of Landing Floors	40 floors (can be extended)
Wiring Methods	Plug-in
Control System	Monarch, Bluelight, Step, Frenic
Input Power Supply	380V 3Phase, 220V Single/3 Phase
Brake Voltage	110VDC, 110VAC, 220VDC, 220VAC etc
Applicable Elevator Type	Elevator with Machine Room
Applicable Motor	Synchronous Motor, Asynchronous Motor
Mounting Methods	Floor-Type, Wall-Mounting Type
Electrical Board	standard COP and LOP display board,COP instruction board, cabin control board if any,car top inspection board are available for replacement and maintenance.

Controller for Machine Room Less

Car/Hall Operation Panel



Technical Specifications	
Power	3.7KW to 55KW
Max No of Landing Floors	40 floors (can be extended)
Wiring Methods	Plug-in
Control System	Monarch, Bluelight, Step, Frenic
Input Power Supply	380V 3Phase, 220V Single/3 Phase
Brake Voltage	110VDC, 110VAC, 220VDC, 220VAC etc
Applicable Elevator Type	Home Elevator with Machine Room Less
Applicable Motor	Synchronous Motor, Asynchronous Motor
Mounting Methods	Floor-Type, Wall-Mounting Type
Electrical Board	standard COP and LOP display board,COP instruction board, cabin control board if any,car top inspection board are available for replacement and maintenance.

MODEL NO	DRAWING	FLOOR	SIZE-A	B	C	D	E
HEC 100		2-10	1310×195	1280	187	115	115
		11-18	1510×195	1480			
		19-30	1810×195	1780			
HEC 110		2-10	1170×165	1140	157	115	115
		11-18	1330×165	1300			
		19-30	1570×165	1540			
HEC 130		2-18	1386×168	1366	157	115	115
		19-28	1574×168	1554			
HEC 150		2-10	1070×180	1040	157	115	285
	11-18	1310×180	1280				
	19-30	1550×180	1520				

Car/Hall Operation Panel



HEC 170 HEX 170 HEC 160 HEX 160 HEC 520 HEX 520 HEC 530 HEX 530

Car/Hall Operation Panel



HEC 540 HEX 540 HEC 550 HEX 550 HEC 560 HEX 560 HEC 580 HEX 580

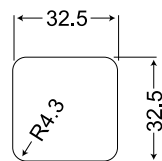
MODEL NO	DRAWING	FLOOR	SIZE-A	B	C	D	E
HEC 160		2-10	1200×168	1180	157	115	115
		11-18	1360×168	1340			
		19-30	1560×168	1540			
HEC 170 Freight Lift		2-6	870×168	830	157	115	75
HEC 520		2-36	1750×200	1720	180	115	115
HEC 530		2-36	1750×200	1680	180	115	115

MODEL NO	DRAWING	FLOOR	SIZE-A	B	C	D	E
HEC 540		2-36	1750×200	1680	180	115	115
HEC 550		2-36	1750×195	1700	187	115	115
HEC 560		2-36	1750×200	1730	180	115	115
HEC 580		2-36	1750×213	1700	200	115	115

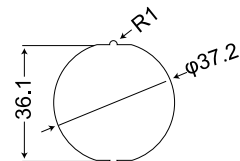
Buttons



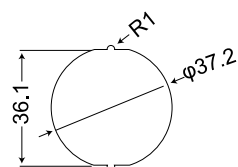
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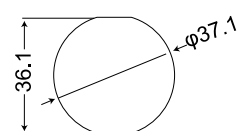
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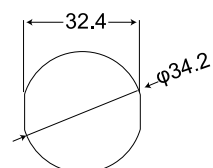
HEA151



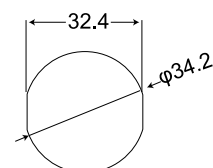
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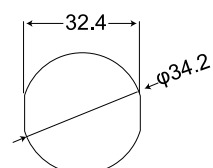
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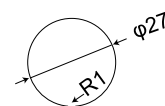
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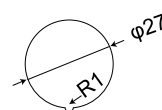
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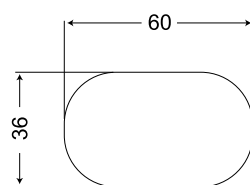
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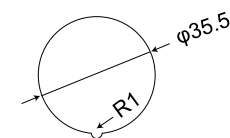
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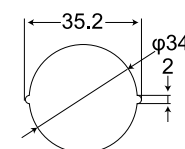
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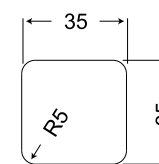
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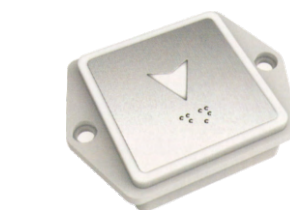
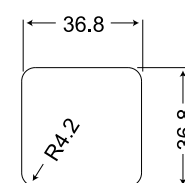
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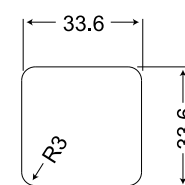
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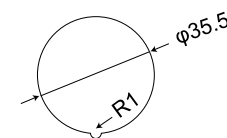
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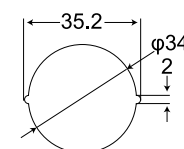
HEA289-F



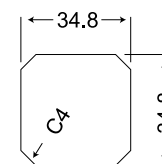
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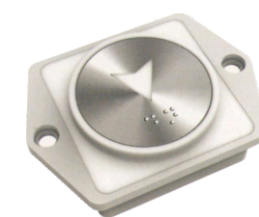
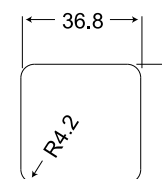
HEA280



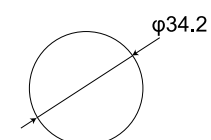
HEA291



HEA294



HEA289-Y



Product Descriptions

ARD is to deliver cabin automatically to the nearest flooring and open cabin door after main power is cut off. it is wrong that ARD can make lift travel temporarily without main power. If cabin is already at the nearest flooring, cabin door will open directly. ARD operates normally after full charge at its working status after installation. It takes about one day to charge fully.

Main Parameters

Input voltage:two-phase supply AC220V±10%or three-phase supply AC380V/AC220V±10%
Output voltage:two-phase supply AC380V/AC220V±10%
Battery pack:4*12V 7AH-24AH
May drive the elevator power:≤50KW(> 50KW can special order)
Dimensions:620(L)*155(W)*480(H)mm

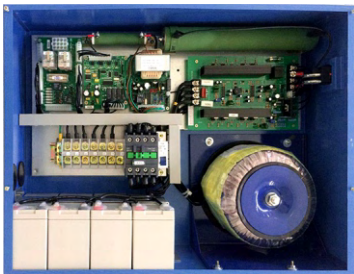
Product Features

- Beautiful outlooks
- Equipment,cable,wiring is simple ,without debugging
- Applicable to various types of elevators
- The supply voltage can be customized according to customer requirements
- Has automatic constant current constant voltage charging and discharging,and charge-discharge protection
- Function,longer battery life
- Battery maintenance-free
- For different brands like Otis, Schindler, Mitsubishi etc, we can supply ARD



Working Environment

Ambient temperature:-5°Cto50°C
Relative Humidity: < 90% non-condensing
Air shall not contain the explosion,corrosive and other harmful gases or dust
Severe vibration,strong electromagnetic interference



Group Control System



GDCS Configuration

There are two types of configuration for GDCS.
1.Hybrid type which is instaling destination control registration devices only on specific floors such as the lobby.
2.Advanced type which is installing registration devices on all floors.

GDCS Configurations

Basic● Optional○ Not applicable-

Items		Hybrid Type		Full Configuration Type
Number of applicable cars		2 to 8 car		
Number of applicable floors		Max.64 floors		
Equipment		Specific floors	Normal floors	All floors
Hall	Hall button	-	●	-
	Destination floor registration device	●	-	●
	Hall lantern	●	●	●
	Elevator name display(by bulding contractor)	●	-	●
Car	GDCS Operating panel (Without floor buttons)	-	-	●(*1)
	Standard operating panel	●	-	○(*1)
	Car position indicator	●	●	●
	Registered floor indicator	●	●	●

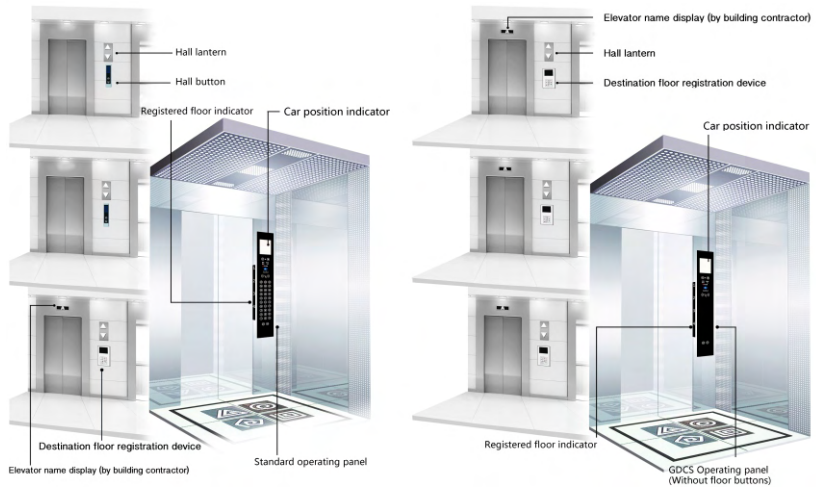
(*1)Standard COP must be equipped if there's fire operation.
Standard COP must be equipped if there's requirement of indepent operation.
Standard COP is suggested to be equipped.COP buttons are only lighted on in GDCS mode and forbidden to input.
COP buttons are permitted to input in Fire or Special use status.

Hybrid Type
(Installed on specific floors only)

*Improving the rush-hour traffic during up peak,giving priority to return base floor to serve.
*Suitable for commercial buildings

Full Configuration Type
(Installed on all floors)

*Improving the rush-hour traffic during up peak,giving priority to return base floor to serve.
*Suitable for commercial buildings





Car Top Inspection Box



Fan



Arrival Gong



Pit Switch Box



Elevator Voice Announcer



Five-Way Intercom System



Limit Switch



Overload Device



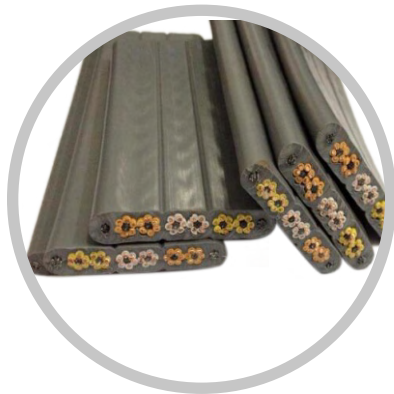
Photoelectric Switch



Pit Inspection Box



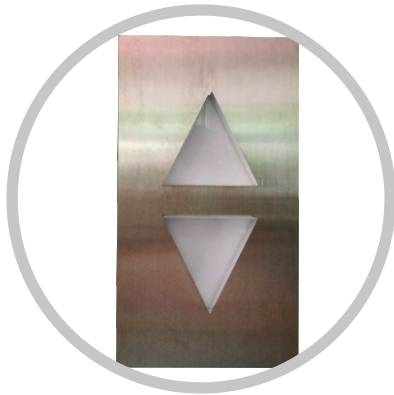
Door Sensor



Traveling Cable



Fireman Switch



Arrival Lamp



IC Card System



Energy Feedback Device



Elevator Community Monitor



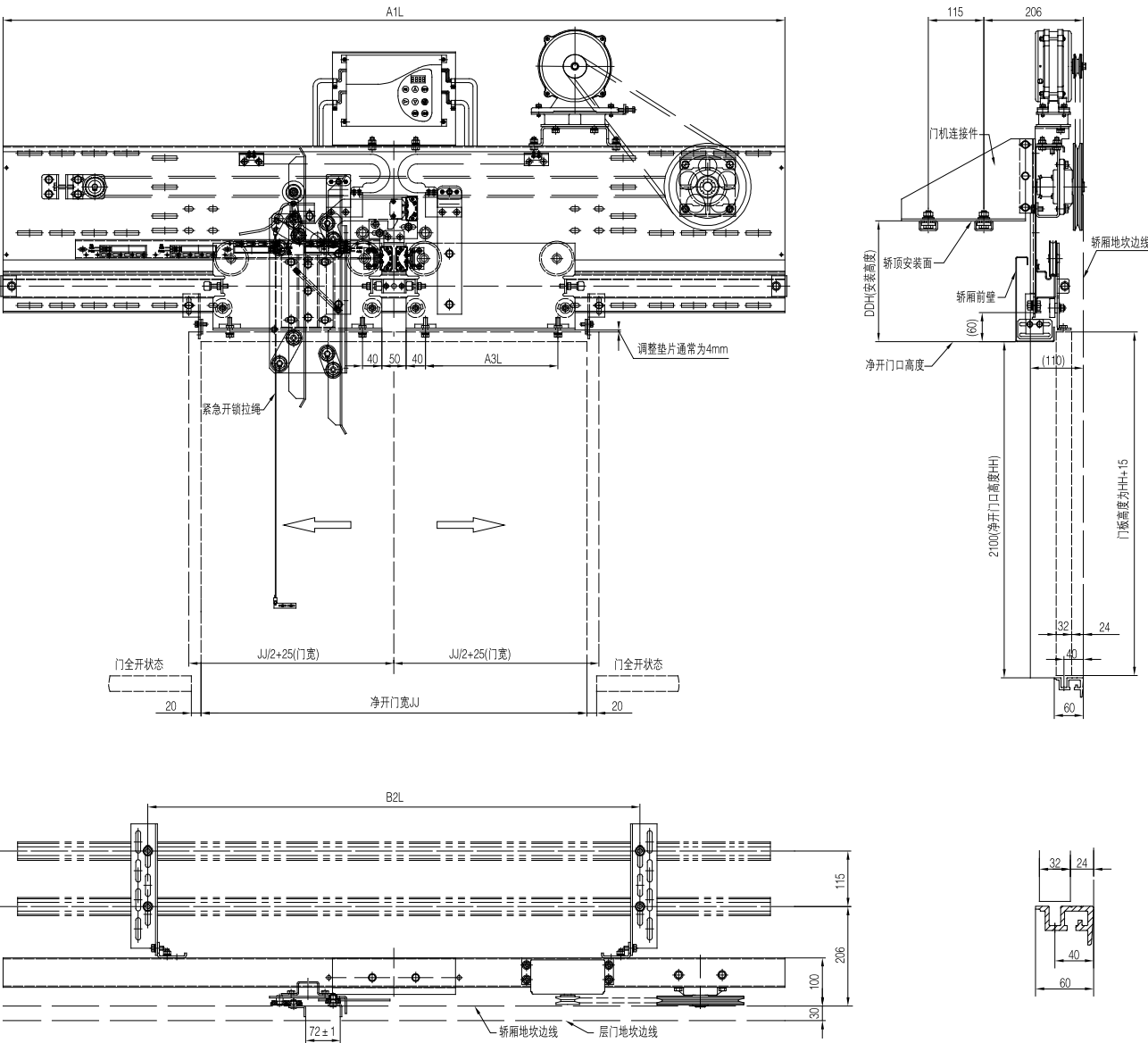
Earthquake Monitoring Device

ELECTRICAL SYSTEM

ELECTRICAL SYSTEM

2-Leafs Center Opening VVVF Door Operator(Car Top Installation)

Serial NO:OMJ-09XA (Car Top Installation)

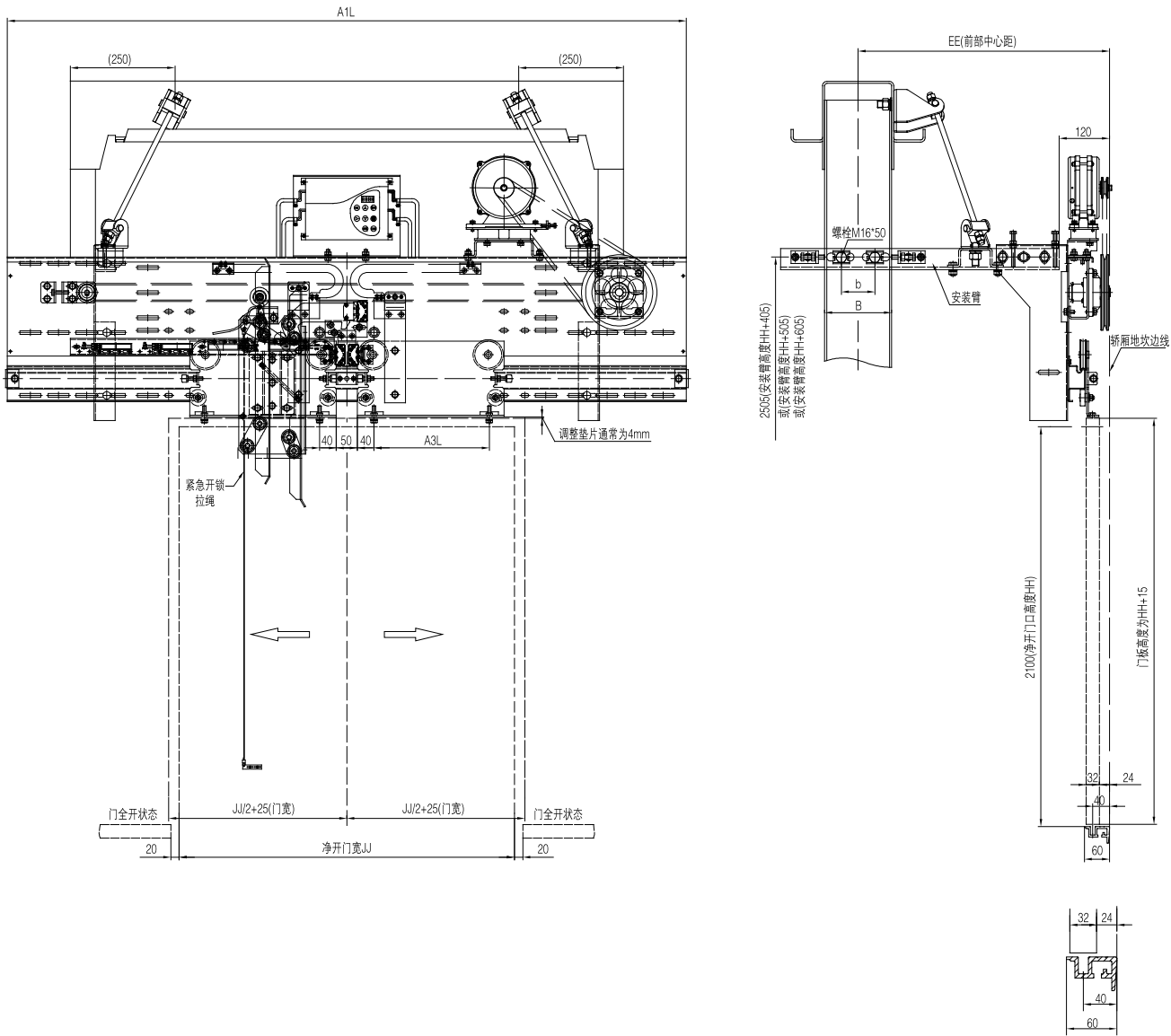


净开门宽 JJ	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A1L	1320	1420	1520	1620	1720	1820	1920	2020	2120	2220	2320	2420
A3L	200	225	250	275	300	325	350	375	400	425	450	475
B2L	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420

Note: For other door sizes, please contact us for more details.

2-Leafs Center Opening VVVF Door Operator(Straight Beam Installation)

Serial NO:OMJ-09XB (Straight Beam Installation)



净开门宽 JJ	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A1L	1320	1420	1520	1620	1720	1820	1920	2020	2120	2220	2320	2420
A3L	200	225	250	275	300	325	350	375	400	425	450	475

Note: For other door sizes, please contact us for more details.

Technical drawing of a sliding door system, showing front, side, and detail views with dimensions and labels.

Front View (Left):

- Overall width: $225 + JJ - 305$
- Top track dimensions: 250 , 80
- Bottom track dimensions: 85 , $A2L$, 70
- Door height: 120 , 133 , 145
- Clearance: 10 , 60
- Labels: "当 $JJ \geq 1400$ 时增加" (Increase when $JJ \geq 1400$), "当 $JJ \geq 1000$ 时增加" (Increase when $JJ \geq 1000$)
- Door width: $0.5JJ + 30$ (门宽)
- Net opening width: JJ (净开门宽)
- Bottom track dimensions: 85 , $A2L$, 70
- Bottom track height: 20
- Label: "快门门板" (Fast shutter door plate)

Side View (Right):

- Overall width: 120
- Top track dimensions: 103
- Bottom track dimensions: 285 , 175
- Door height: 40 , 40
- Clearance: 22
- Label: "净开门口高 H " (Net opening height H)

Detail View (Bottom Right):

- Label: "采用摆杆开锁方式示意图" (Diagram of the swing rod unlocking method)
- Dimensions: 10 , 60 , 85 , $A2L$, 133 , 145

Bottom View (Bottom):

- Dimensions: 40 , 4 , 40 , 20 , 25 , 44 , 96

净开门宽 JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1215	1365	1515	1665	1815	1965	2115	2265	2415	2565	2715	2865
A2L	225	275	325	375	425	475	525	575	625	675	725	775
备注	HH ≥ 2000								HH ≥ 2100		HH ≥ 2200	

1. Ceiling Decoration
Mirror stainless steel plate
complemented by rectangular hollow transparent
lamp post, soft lighting design of arch white
translucent plate in the middle
2. Side Wall and Back Wall
Center plate: Mirror, Etching, Hairline
Auxiliary plate: Mirror, Etching, Hairline
3. Handrail as per Handrail Models
4. Floor Decoration as per Floor Models



1. Ceiling Decoration
Chinese style wooden lattice model
complemented by white translucent plate
2. Side Wall and Back Wall
Center plate: Mirror, Etching, Hairline, Void gold
Auxiliary plate: Hairline
3. Handrail as per Handrail Models
4. Floor Decoration as per Floor Models

1. Ceiling Decoration
Stainless steel plate
complemented by golden lamp post, soft lighting
design of arch white translucent plate in the
middle
2. Side Wall and Back Wall
Center plate: Mirror, Etching, Hairline
Auxiliary plate: Hairline
3. Handrail as per Handrail Models
4. Floor Decoration as per Floor Models



1. Ceiling Decoration
Soft lighting design of arch white translucent plate
2. Side Wall and Back Wall
Center plate: Titanium, Mirror, Etching, Hairline
Auxiliary plate: Titanium, Mirror, Etching, Hairline
3. Handrail as per Handrail Models
4. Floor Decoration as per Floor Models

Panoramic Cabin

Car Ceiling



SFC - 005

- 1. Ceiling Decoration
Stainless steel mirror hollow plate plus white translucent plate plus aluminum alloy frame
- 2. Side Wall and Back Wall
Center plate: Titanium, Mirror, Etching, Hairline
Auxiliary plate: Titanium, Mirror
- 3. Handrail as per Handrail Models
- 4. Floor Decoration as per Floor Models



SFC - 006

- Car cover : add the steel spray lamp
- Observation wall: safety glass
- Decoration roof: in the mirror stainless steel base plate with aureate lamp, wall and its middle part is the vaulted white light lighting of through
- Car wall: stainless steel sheet
- Handrail: stainless steel tube
- Floor: PVC floor



SFC - 007

- Car cover : spraying steel plate
- Observation wall: safety glass of glue clamp
- Decoration roof: multi-layer glisten board with tube lamp
- Car wall: safety glass of glue clamp
- Handrail: stainless steel
- Floor: PVC floor



SFC - 008

- Car cover: mirror finished st/st with acrylic
- Observation wall: laminated glass
- Decoration roof: mirror finished st/st frame, down lights with acrylic
- Car walls: hairline finished st/st
- Handrail: st/st round tube
- Floor: PVC floor

• These are regular models. For more models, please contact us to acquire.



SFCL - 001



SFCL - 002



SFCL - 003



SFCL - 004



SFCL - 005



SFCL - 006

• These are regular models. For more models, please contact us to acquire.

Car Flooring



SFJ-D01



SFJ-D02



SFJ-D03



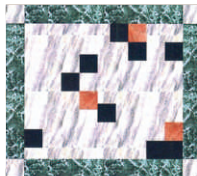
SFJ-D04



SFJ-D05



SFJ-D06



SFJ-D07



SFJ-D08



SFJ-D09



SFJ-D10



SFJ-D11



SFJ-D12

Car Handrail



SFJ-F01



SFJ-F02



SFJ-F03



SFJ-F04



SFJ-F05



SFJ-F06



SFJ-F07



SFJ-F08

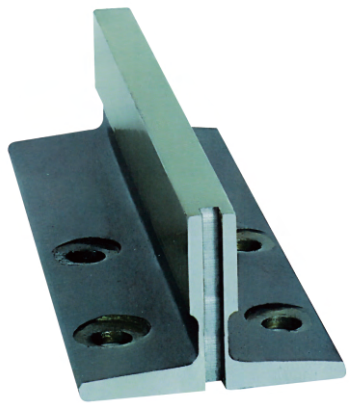
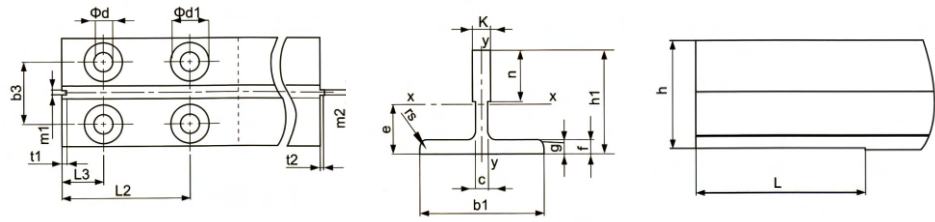


SFJ-F09



SFJ-F10

Guide Rail



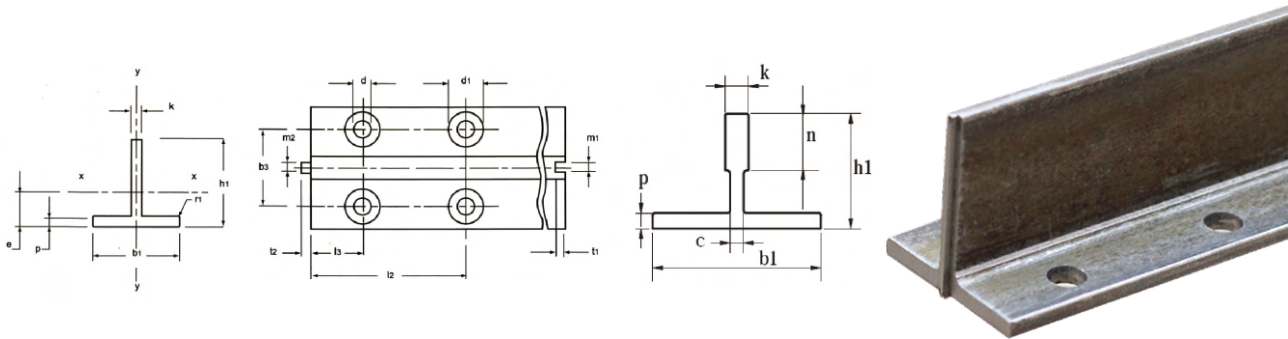
Dimensions of Machined Guide Rail

COD.ISO	b1	h1	h	k	n	c	g	f	rs	m1	m2	t1	t2	l	d	d1	b3	l2	l3
	±1.5	±0.75	0.1 ±0.75	+0.1 0 ±0.05 (0)	+3 0		±0.75	±0.75		+0.06 0 +0.03 (0)	0 -0.06 (0) -0.03	±0.1	±0.1	+3 0			±0.2	±0.2	±0.2
T70-1/B	70	65	64	9	34	6	6	8	1.5	3	2.95	3.5	3	128	13	26	42	105	25
T75-3/B	75	62	61	10	30	8	7	9	3	3	2.95	3.5	3	123	13	26	43	90	30
T78/B	78	56	55	10	26	7	6	8.5	3	3	2.95	3.5	3	123	13	26	43	90	30
T82/B	82.5	68.25	66.6	9	34	7.5	6	8.25	3	3	2.95	3.5	3	111	13	26	50.8	81	27
T82-3/B	82	62	61	15.88	30	10	7	10	3	3	2.95	3.5	3	156	13	26	50.8	114.3	38.1
T89/B	89	62	61	15.88	33.4	10	7.9	11.1	3	6.4	6.37	7.14	6.35	156	13	26	57.2	114.3	38.1
T89-1B	89	62	61	15.88	33.4	10	7	10	3	4	3.96	4.5	4	156	13	26	57.2	114.3	38.1
T90/B	90	75	74	16	42	10	8	10	4	6.4	6.37	7.14	6.35	156	13	26	57.2	114.3	38.1
T114/B	114	89	88	16	38	9.5	7.9	11.1	4	6.4	6.37	7.14	6.35	156	17	33	74	114.3	38.1
T127-1B	127	88.9	88	15.88	44.5	10	7.9	11.1	4	6.4	6.37	7.14	6.35	156	17	33	79.4	114.3	38.1
T127-2/B	127	88.9	88	15.88	50.8	9.5	12.7	15.9	5	6.4	6.37	7.14	6.35	156	17	33	79.4	114.3	38.1

Physical Properties of Machined Guide Rail

COD.ISO	s cm ²	q1 kg/m	e cm	Ixx cm ⁴	Wxx cm ³	ixx cm	Iyy cm ⁴	Wxx cm ³	Iyy cm
T70-1/B	9.51	7.47	2.04	41.3	9.24	2.09	18.65	5.35	1.4
T75-3/B	10.99	8.63	1.86	40.35	9.29	1.92	26.49	7.06	1.55
T78/B	9.84	7.72	1.65	29.9	7.56	1.47	26.1	6.71	1.63
T82/B	10.9	8.55	1.98	49.4	10.2	2.13	30.5	7.4	1.67
T8/B	15.7	12.3	2.09	59.7	14.5	1.98	53	11.9	1.84
T89-1B	15.7	11	2.09	59.7	14.5	1.98	53	11.9	1.84
T90B	17.2	13.55	2.65	102.2	20.9	2.5	52	11.9	1.76
T114/B	20.8	16.37	2.87	179	29.7	2.93	108	19.1	2.28
T127-1B	22.6	17.77	2.75	187	30.4	2.91	151.5	24	2.65
T127-2/B	28.9	22.48	2.46	200	31	2.68	235	36.8	2.86

Guide Rail

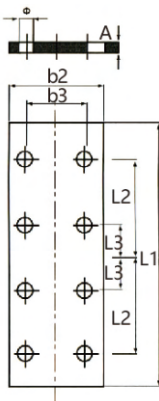


● Dimensions of Cold Drawn Guide Rail

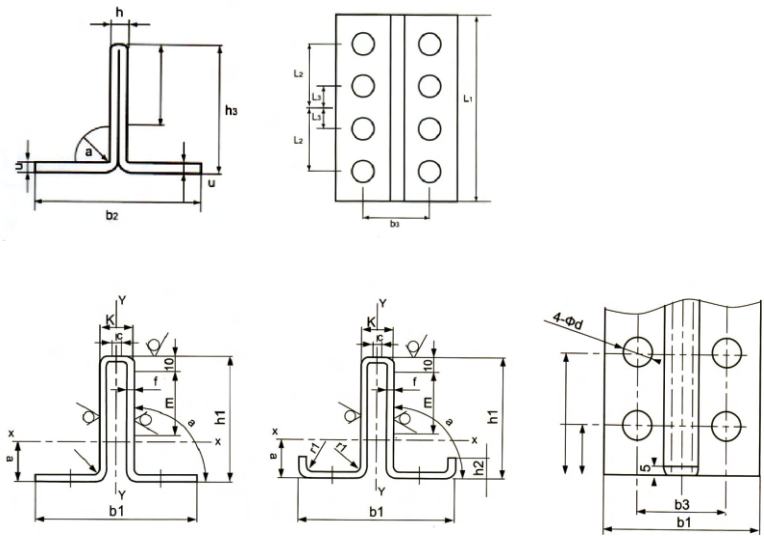
COD.ISO	b1	h1	k	p	rs	m1	m2	t1	t2	d	b3	l2	l3
	TOLERANCES												
	±1	±0.2	±0.15	±0.5		$\begin{smallmatrix} +0.06 \\ 0 \\ +0.03 \\ (0) \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.6 \\ (0) \\ -0.03 \end{smallmatrix}$	±0.1	±0.1		±0.2	±0.2	±0.2
T45/A	45	45	5	5	1	2	1.95	2.5	2	9	25	65	15
T50/A	50	50	5	5	1	2	1.95	2.5	2	9	30	75	25
COD.ISO	b1	h1	k	p	rs	m1	m2	t1	t2	d	b3	l2	l3
	TOLERANCES												
	±1.5	±0.1	$\begin{smallmatrix} \pm 0.1 \\ 0 \end{smallmatrix}$	±0.75		$\begin{smallmatrix} +0.06 \\ 0 \\ +0.03 \\ (0) \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.06 \\ (0) \\ -0.03 \end{smallmatrix}$	±0.1	±0.1		±0.2	±0.2	±0.2
T70/A	70	65	9	7	1.5	3		3.5	3	13	42	105	25
COD.ISO	s cm ²	q1 kg/m	e cm	lxx cm ⁴	Wxx cm ³	ixx cm	lyy cm ⁴	Wyy cm ³	iyx cm				
T45/A	4.25	3.34	1.31	8.08	2.53	1.38	3.84	1.71	0.95				
T50/A	4.75	3.73	1.43	11.24	3.15	1.54	5.25	2.1	1.05				
T70/A	9.51	7.47	2.04	41.3	9.24	2.09	18.65	5.35	1.4				

● Dimensions of Fishplate and Joint Holes

COD.ISO	d(mm)	b2(mm)	b3(mm)	L1(mm)	L2(mm)	L3(mm)	A(mm)	weight kg/pc	boit size
T70	13	70	42	250	105	25	10	1.33	M12×40
T75,T78	10	75	43	240	90	30	10	1.33	M12×40
T82	13	80	50.8	216	81	27	10	1.33	M12×40
T89,T90,T89-1	13	90	57.2	305	114.3	38.1	13	2.7	M12×40
T114B	17	120	70	305	114.3	38.1	17	5	M16×60
T127-1,T127-2	17	130	79.4	305	114.3	38.1	18	6	M16×60
T45	9	50	25	160	65	15	8	0.5	M8×25
T50	9	50	30	200	75	25	8	0.6	M8×25



Guide Rail



● Dimensions of Hollow Guide Rail

Tolerance Model	Project Size	b1	c	f	h1	h2	k	m	r1	a	b3	l2	l3	d
		±1	-	$\begin{smallmatrix} +0.2 \\ -0.15 \end{smallmatrix}$	$\begin{smallmatrix} +0 \\ -0.5 \end{smallmatrix}$	-	±0.4	-	-	$\begin{smallmatrix} +60^\circ \\ +20^\circ \end{smallmatrix}$	±0.5	±0.5	±0.5	-
TK3		75	-	2	55±0.2	-	10±0.2	20	5	90°	43	90	30	10
TK5		87	≥1.8	2.75	60	-	16.4	25	3	90°	50	180	20	14
Tolerance		±1	-		±0.3	±1	±0.45	-	-	-	±0.5	±0.5	±0.5	-
TK3A		78	≥1.8	2	60	10	16.4	3	3	90°	45	75	25	11.5
TK5A		78	≥1.8	2.75	60	10	16.4	3	3	90°	45	75	25	11.5

● Physical Properties of Hollow Guide Rail

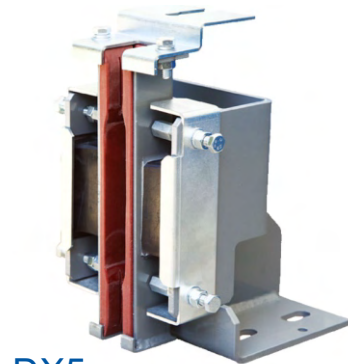
Tolerance Model	Project Size	s cm ²	q1 kg/m	e cm	lxx cm ⁴	Wxx cm ³	ixx cm	lyy cm ⁴	Wyy cm ³	iyx cm
TK3		3.48	2.5	1.86	11.89	3.27	1.85	6.47	1.73	1.36
TK5		5.86	4	2.15	26.9	6.99	2.08	18.61	4.28	1.73
TK3A		4.36	3.4	2.18	18.09	4.74	2.04	13.62	3.49	1.77
TK5A		6.17	4	2.14	24.33	6.3	1.99	18.78	4.82	1.74

● Dimensions Fishplate of Sectional Area & Joint Hole of Hollow Guide Rail

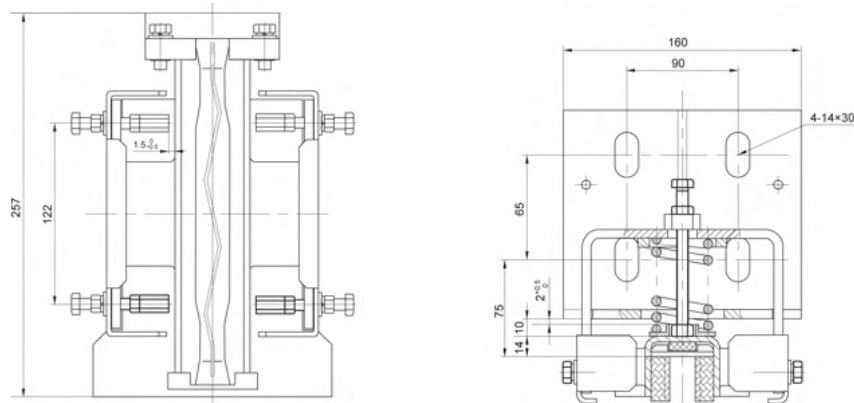
Tolerance Model	Project Size	b2	h3 ±1	h ±0.2	u	b3 ±0.5	L1 ±1.5	l2 ±0.5	L3 ±0.3	φd	iyx cm
TK3		72	40	6.0	2.75	43	220	90	30	10	M8×25
TK5		88	59	10.0	4	50	400	180	20	14	M12×35
TK3A		78	50	12.0	2.75	45	200	75	25	11.5	M10×35
TK5A		78	50	10.0	4	45	200	75	25	11.5	M10×35

Guide Shoe Series

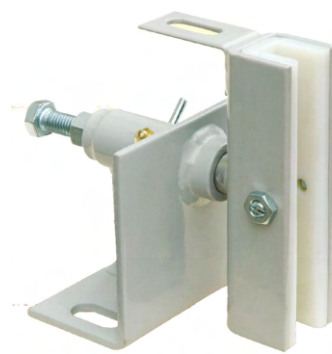
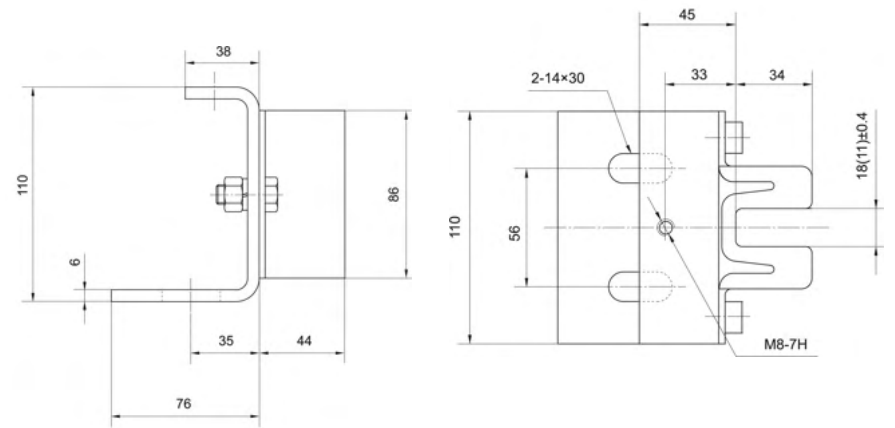
Guide Shoe Series



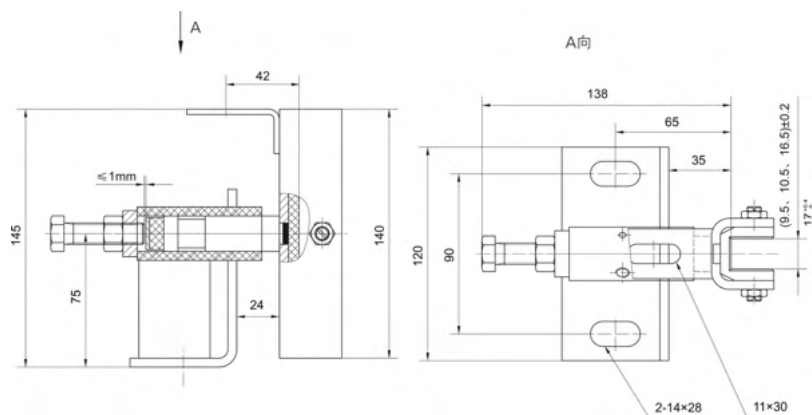
DX5
 Parameter
 Rated Speed: $V \leq 2.5\text{m/s}$
 Rated Capacity: $\leq 1500\text{kg}$
 Guide Surface Front Pressure: $\leq 1200\text{N}$
 Guide Surface Side Pressure: $\leq 850\text{N}$
 Guideway Width: 10/16mm



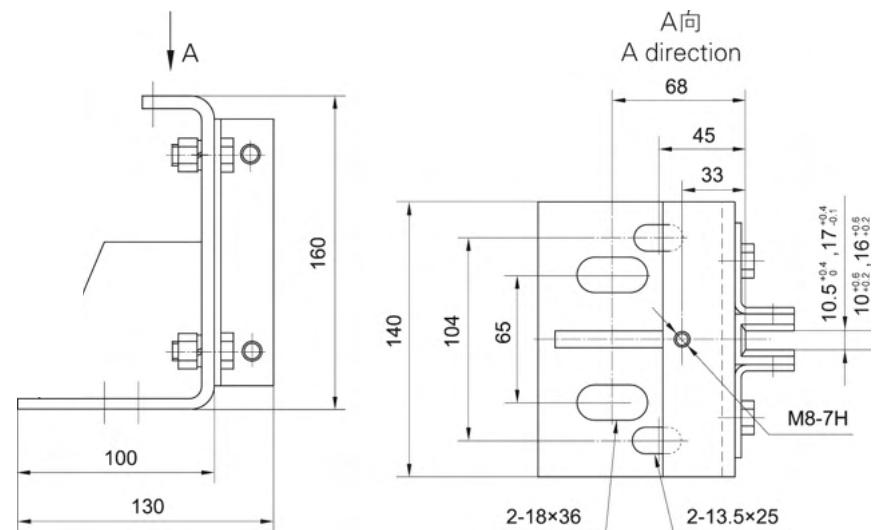
DX23
 Parameter
 Rated Speed: $V \leq 1.75\text{m/s}$
 Hollow Railway Width: 10/16.4mm



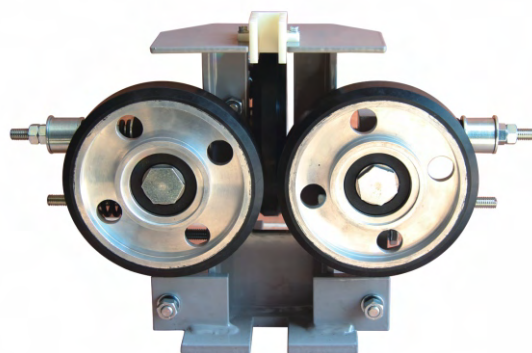
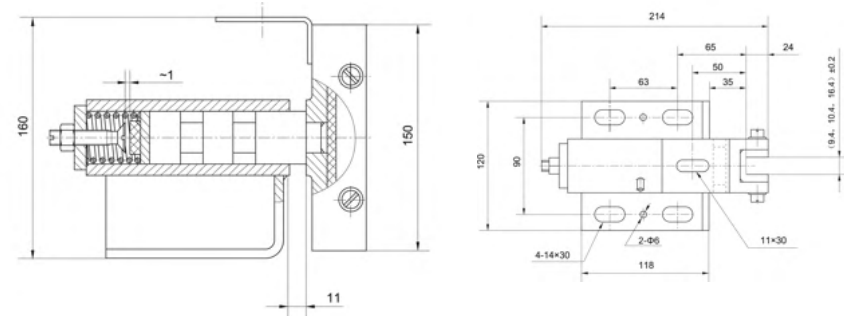
DX26
 Parameter
 Rated Speed: $V \leq 2.0\text{m/s}$
 Guideway Width: 10/16mm



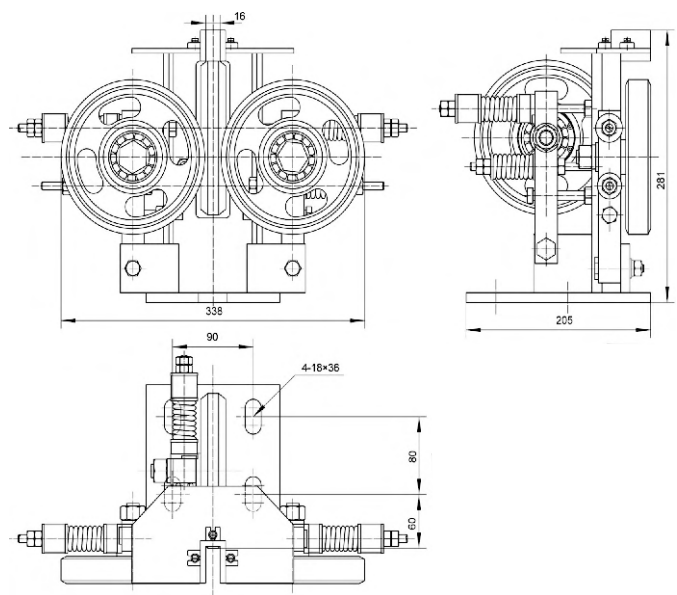
DX4
 Parameter
 Rated Speed: $V \leq 1.75\text{m/s}$
 Guideway Width: 10/16mm
 Hollow Railway Width: 10/16.4mm



DX16
 Parameter
 Rated Speed: $V \leq 2.0\text{m/s}$
 Rated Capacity: $\leq 2000\text{kg}$
 Guide Surface Front Pressure: $\leq 2000\text{N}$
 Guide Surface Side Pressure: $\leq 2000\text{N}$
 Guideway Width: 9/10/16mm



GDX160
 Rated Speed : $V \leq 4\text{m/s}$
 Guide Surface Front Pressure : $\leq 1600\text{N}$
 Guide Surface Side Pressure : $\leq 1600\text{N}$
 Guide Rail Width : A=16mm, 19mm



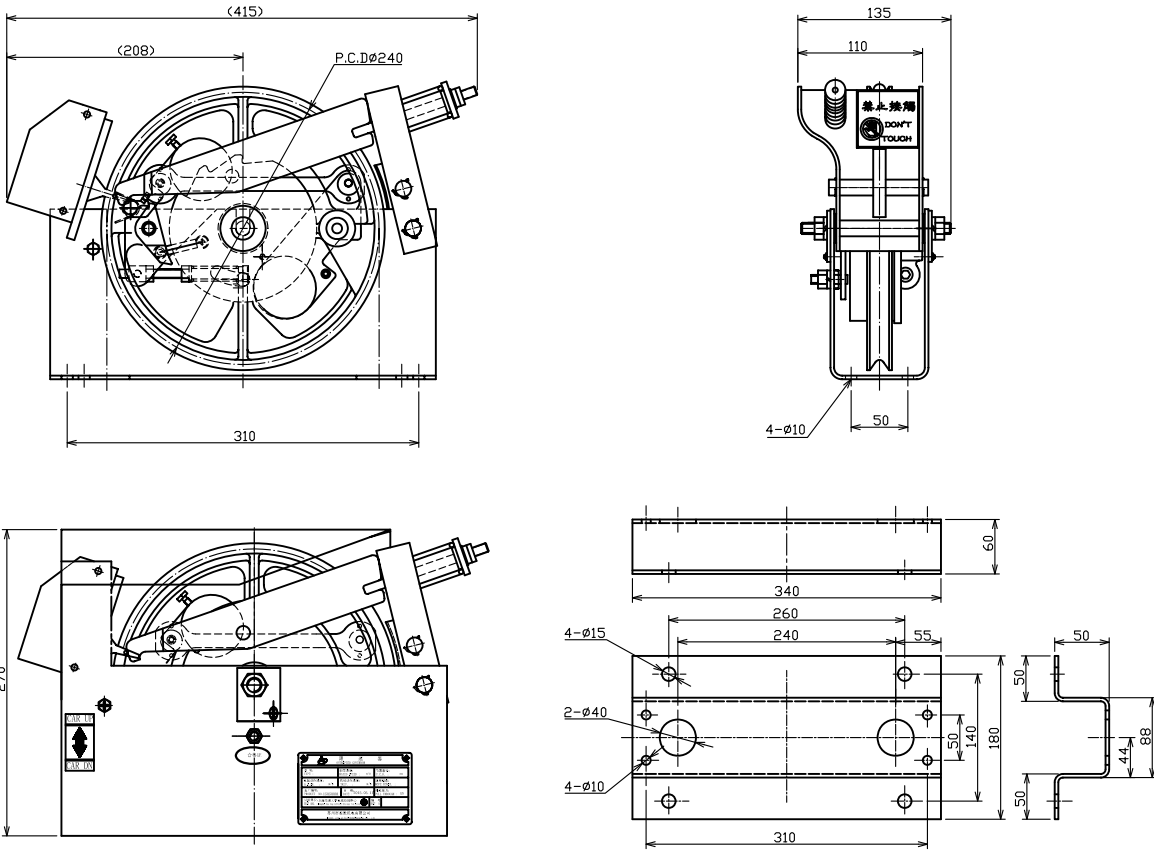
Overspeed Governor



Technical Parameters

ITEM	TYPE	GV240G01	UNIT
Rated speed		0.5~1.75	m/s
Rope diameter		φ 8-8*19S	mm
Sheave diameter		φ 240	mm
Pull through		1000~1500	N

Installation Dimension



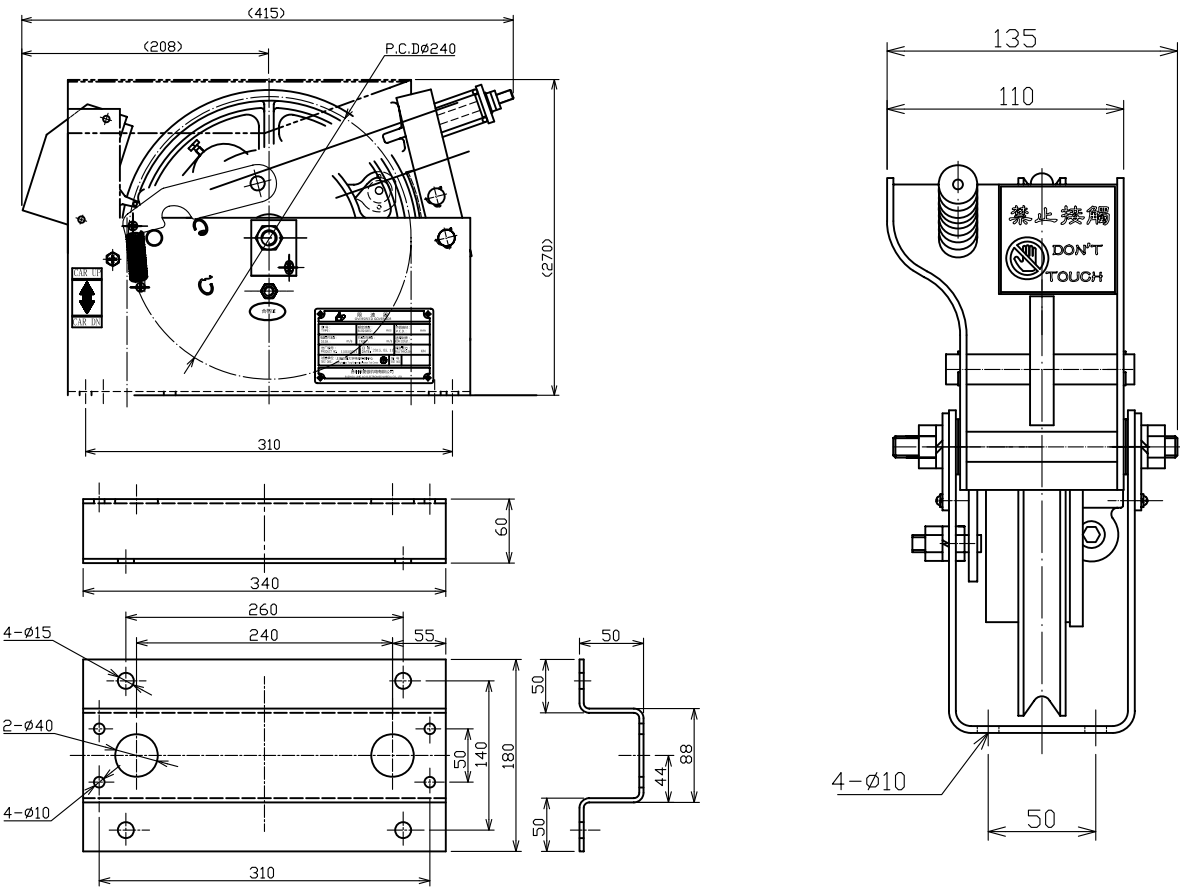
Overspeed Governor



Technical Parameters

ITEM	TYPE	GV240G05	UNIT
Rated speed		2.0 \ 2.5	m/s
Rope diameter		φ 8-8*19S	mm
Sheave diameter		φ 240	mm
Pull through		1000~1500	N

Installation Dimension



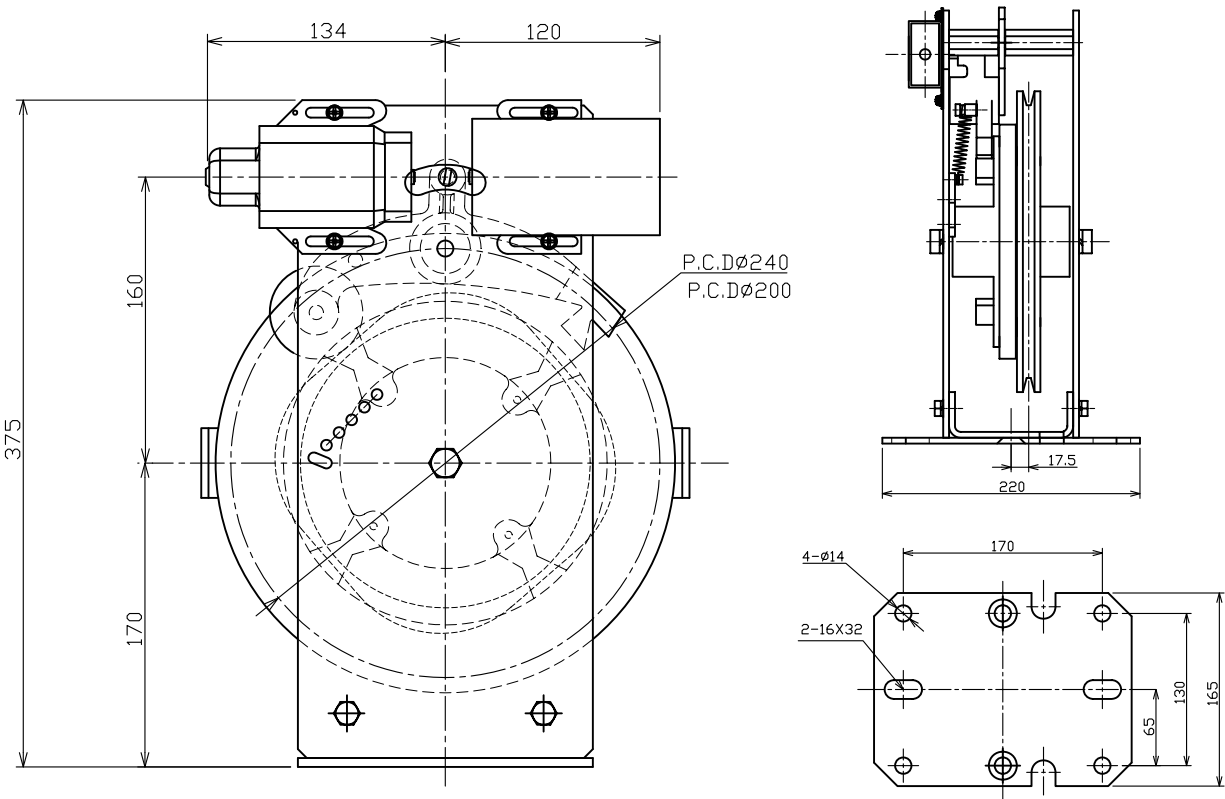
Overspeed Governor



Technical Parameters

ITEM \ TYPE	GV240G07	GV200G07	UNIT
Rated speed	0.5~1.75	0.5~1.75	m/s
Rope diameter	φ 8-8*19S	φ 6-6*19S	mm
Sheave diameter	φ 240	φ 200	mm
Pull through	1000~1500	700~1100	N

Installation Dimension



Overspeed Governor

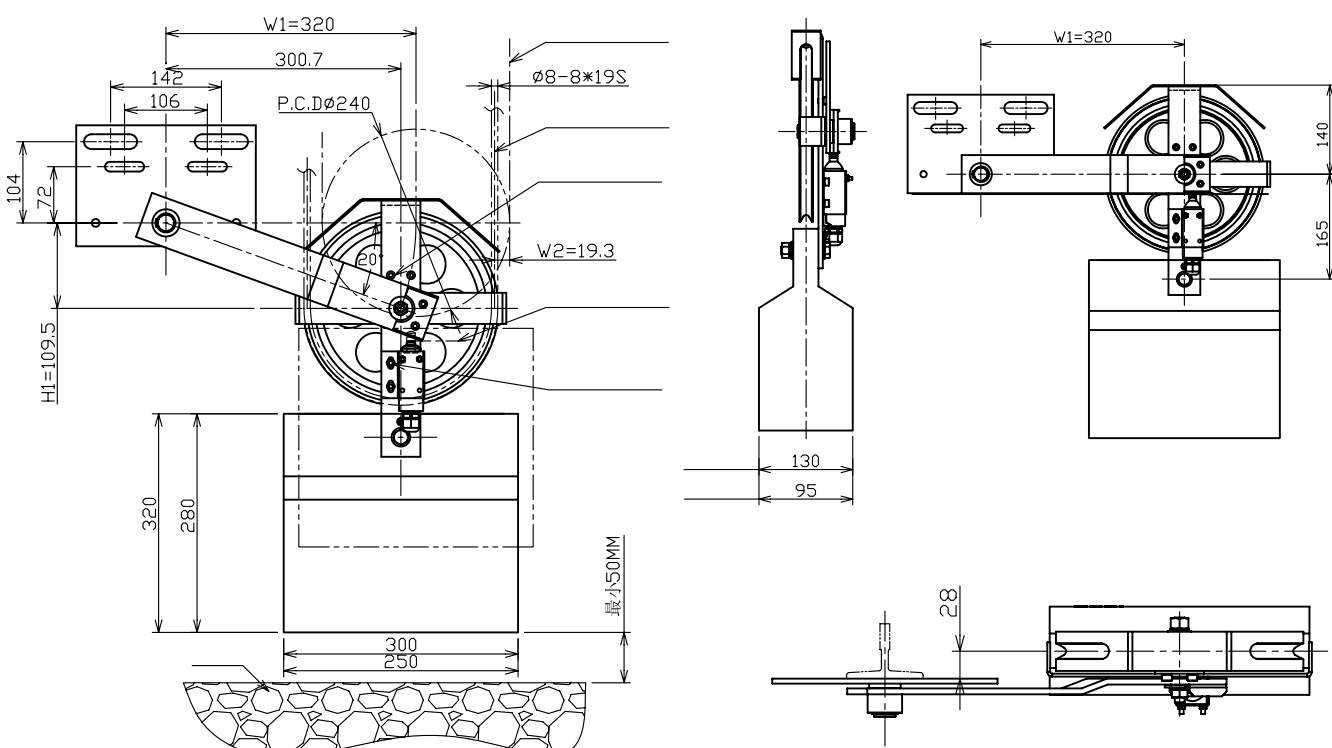


Technical Parameters

TYPE	P. C. D	ROPE	WEIGHT	SHAFT HEIGHT
TP240G01L01	φ240	φ8-8*19S	18KG	H≤50M
TP240G01L02	φ240	φ8-8*19S	30KG	50<H≤100M

W1	W2	H1
320	19.3	109.5

Installation Dimension



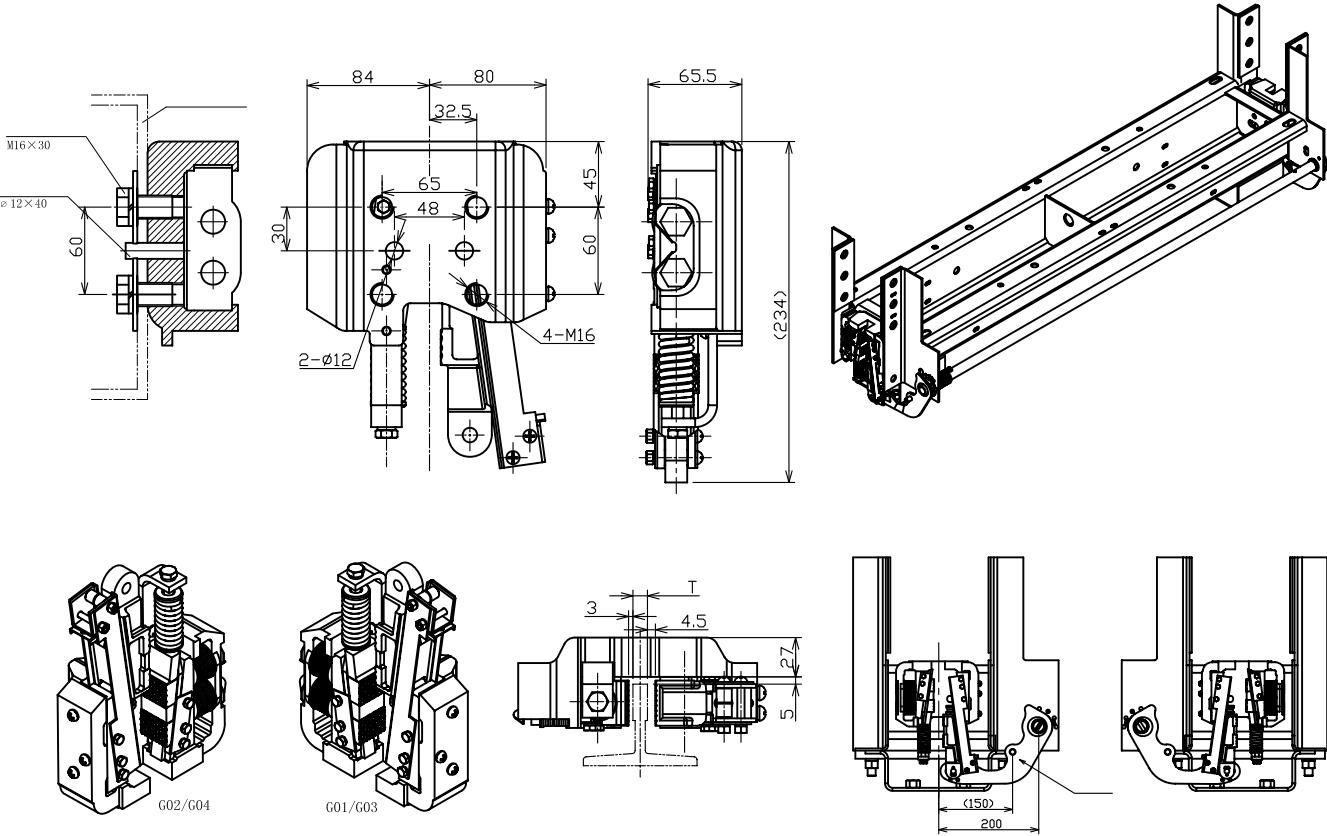
Safety Gear



Technical Parameters

Type	Rated Speed m/s	System Capacity kg	Guide Rail Specs mm
CB300G01/G02	≤2.5	1200kg~4200kg	10mm
CB300G03/G04	≤2.5	1200kg~4200kg	16mm/15.88mm

Installation Dimension



Hydraulic Buffer



Technical Parameters

Type	Rated Speed m/s	System Capacity (P+G) kg	Stroke (mm) H	Free Height (mm) H1	Oil Volume (L)
OB100-70	≤1.0	600~3000	70	285	0.16
OB100-160	≤1.50	600~3000	160	500	0.34
OB100-210	≤1.75	600~3000	210	600	0.63

Installation Dimension

