



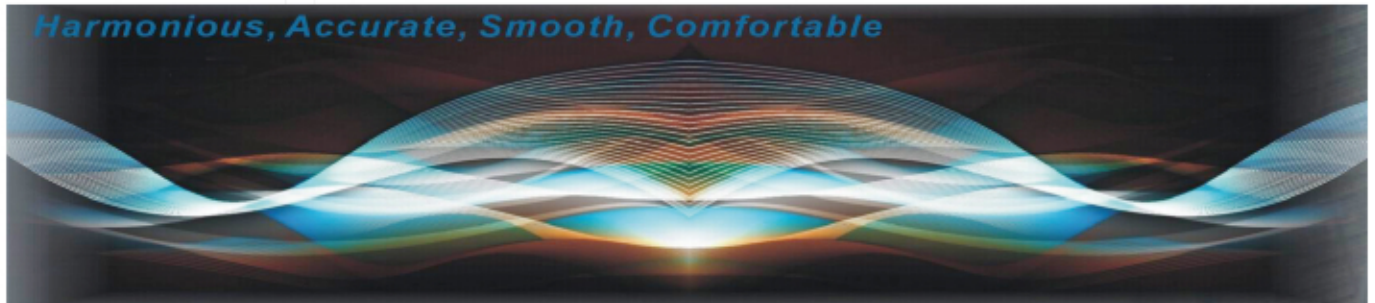
## Advanced Elevator Technology

Elevators adopted the high effective VVVF technology, the exceedingly integrated micro-computer technology, the modular serial communication technology and the AI neural net of group controlled technology. It fully promotes the elevator running performance, conducting it more comfortably, with vast reliability, and more intelligence. The trouble self-diagnostic application will supply the most prompt repair and maintenance service.

### The high effective vector VVVF frequency converter

Equipped with the high effective VVVF frequency converter, elevators are implemented with an accurate real-time control to host rotating torque. This happens through adjusting the current and phase according to the actual car load and up-or-down speed, in order to ensure the elevator running securely.

*Harmonious, Accurate, Smooth, Comfortable*



### The reliable serial communication

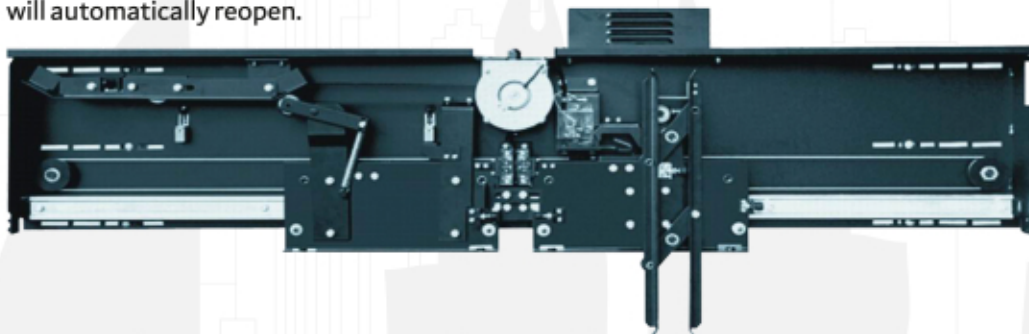
Elevators acquire the serial communication network with dependable technology, it greatly decreases the wirings and interfaces between the parts, to increase the stability of the signal transmission; evoking integration, precise and productive operation of the control system.

### The neural net of group control

Elevators, appropriated to base some neural net technology, consequently promote the effectiveness of transport and reduce passengers' anticipation time.

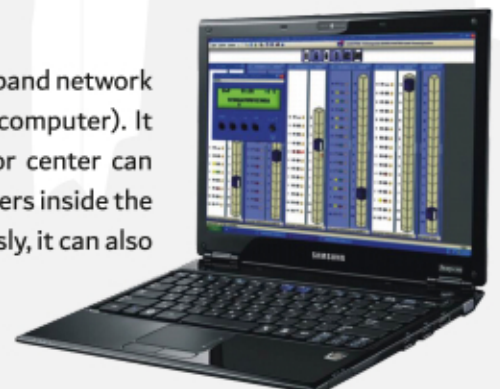
### High-powered VVVF door operator

Elevators feature a high-powered VVVF door operator, for opening and closing, to ensure the door is smooth, quiet and self-tuning. It will automatically adjust the speed of movement when it's encountering the abnormal drag. The door will automatically reopen.



### BMS Building Monitoring System (Optional)

BMS system connects to the telephone network access mode, or the broadband network access mode (from the elevator controller to the remote monitor center computer). It can carry out the long-distance monitor of elevator; the remote monitor center can observe real-time, each elevator traveling, and the condition of the passengers inside the car. When an emergency that can actualize the urgent calling. Simultaneously, it can also assist by the interphone system of elevator.

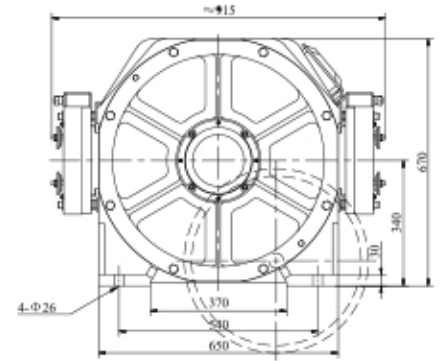
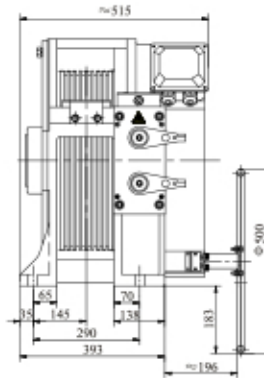






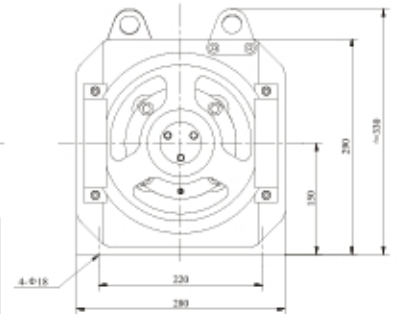
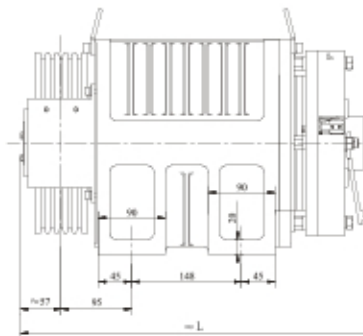
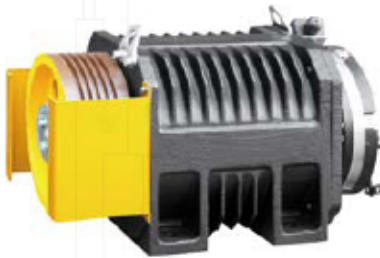
**GTW10**

Voltage : 380V  
Suspension : 2 : 1 / 1 : 1  
Brake : DC110V 2x2A  
Weight : 550kg  
Max.Static Load : 5500kg



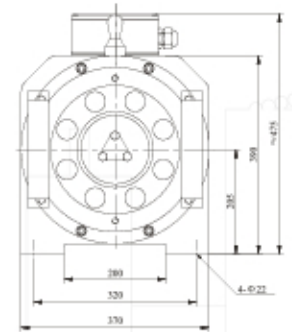
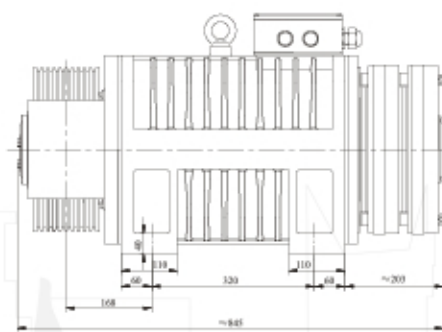
**ERSC**

Voltage : 380V  
Suspension : 2 : 1  
Brake : DC110V 1.6A  
Brake : DC110V 1.9A  
Weight : 140kg  
Max.Static Load : 1600kg



**ER3**

Voltage : 380V  
Suspension : 2 : 1  
Brake : DC110V 2x1.5A  
Weight : 455kg  
Max.Static Load : 4500kg



VVVF Control Cabinet  
Inverter Japan Fuji  
32bit micro-Controller  
Germany BP



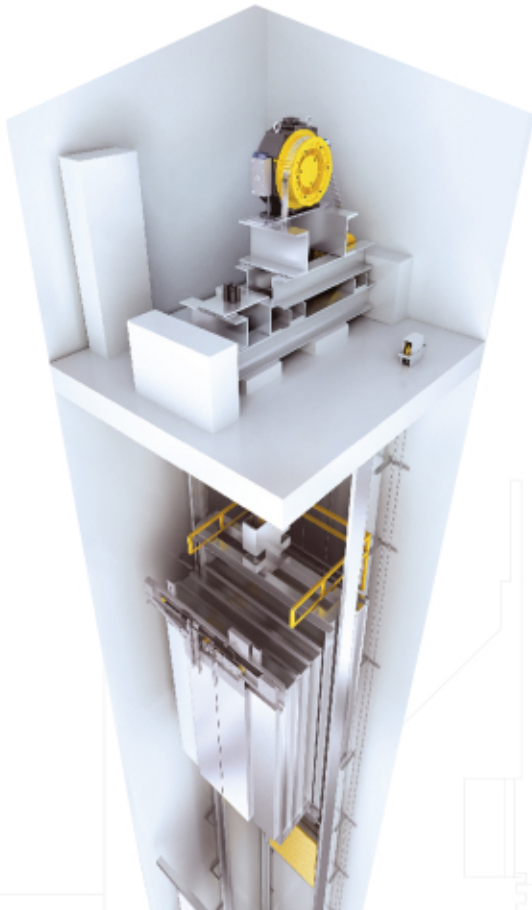
VVVF Control Cabinet  
Inverter & Controller  
integration 32bit micro-  
Controller UF 3000



(Optional)  
VVVF Control Cabinet  
Inverter & Controller  
integration 32bit micro-  
Controller UF 3000

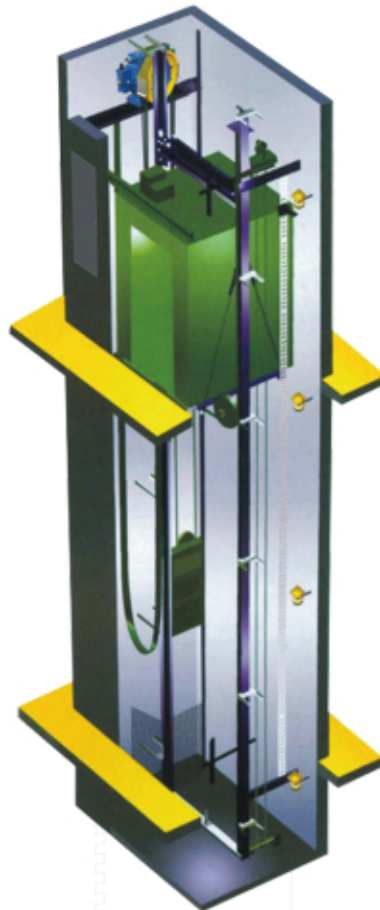
**Advocating Gearless GLMR Passenger Elevator**

Small Machine Room Series, saved more than 40% of the energy  
 Include GLMR Residential Elevator, Panoramic Elevator, Hospital (bed) Elevator, <200Kg Goods Elevator, Home(Villa) Elevator



**Advanced Gearless GLMRL Passenger Elevator**

Machine Roomless Series  
 Include GLMRL Residential Elevator, Panoramic Elevator, Hospital (bed) Elevator, <1600Kg Goods Elevator, Home(Villa) Elevator

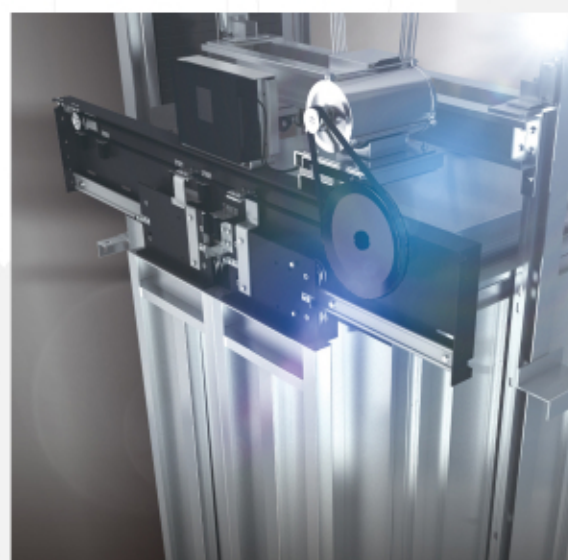
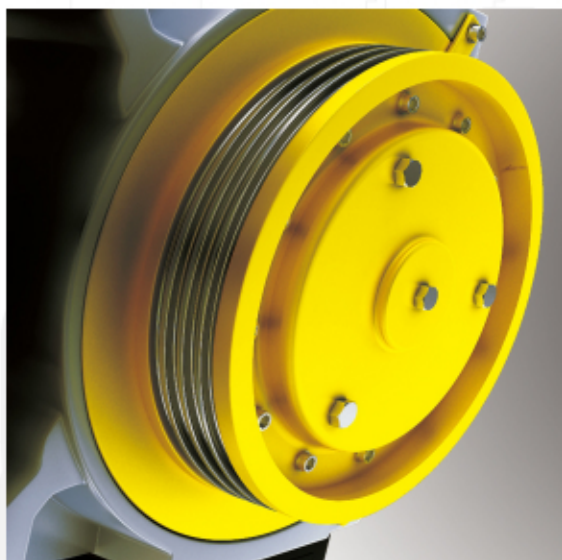


**Hydraulic Drive HY Elevator**

Include HD Passenger Elevator, Panoramic Elevator, Hospital (bed) Elevator, Goods and Car Elevator, Home (Villa) Elevator



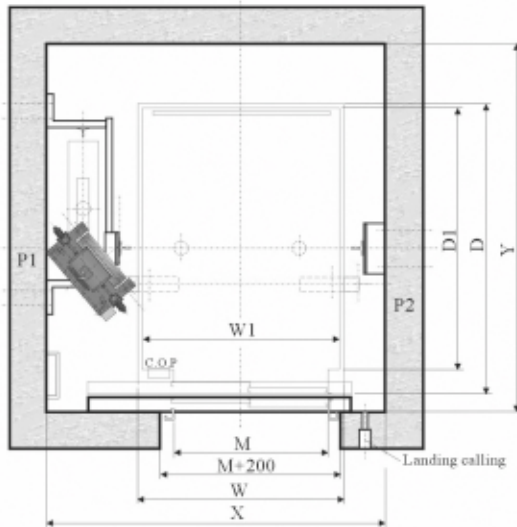
GMV Italy Hydraulic System



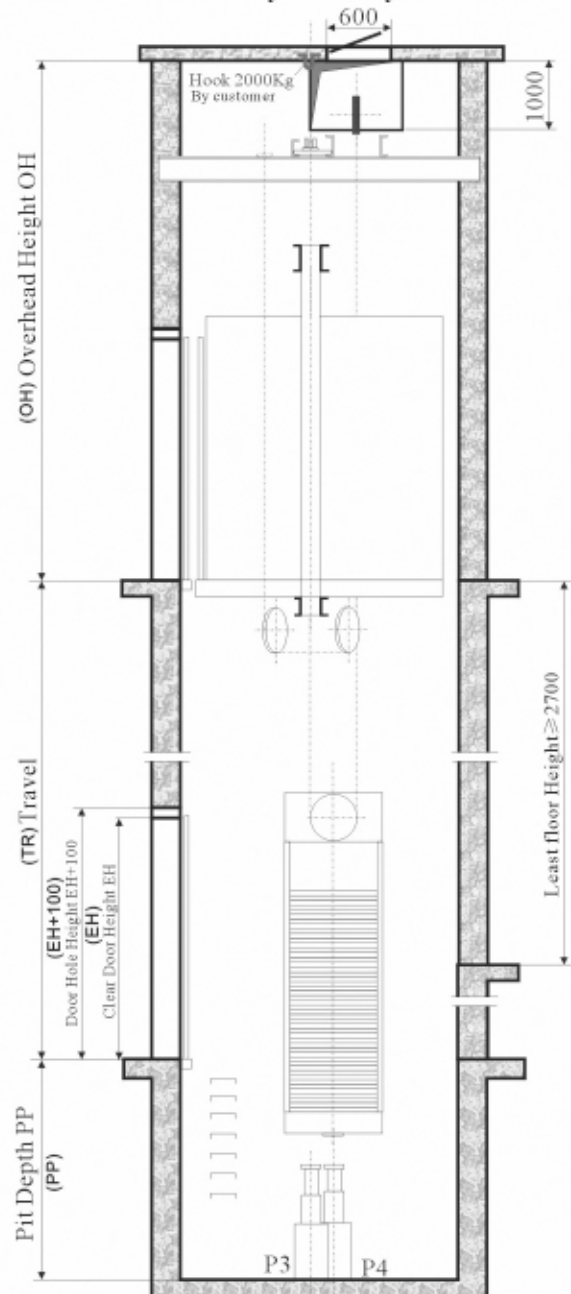


**SHAFT OF GLMRL  
HOSPITAL (BED) ELEVATOR**

**Plan of Hoistway and Machine room**  
2-panels siding opening



**Hoistway Cutaway View**



Speed m/s	Overhead mm OH	Pit mm PP
0.63-1.0	4200	1600
1.5-1.75	4500	1700

**GLMRL Hospital lift Specification**

Type: RLBF-JVF, RLBF-JWVF

Speed m/s	rated capacity		Car outside size			Car inside size			Hoistway		Door opening		Building Capacity point			
	Load Kg	Persons	mm			mm			mm		mm		P1 KN	P2 KN	P3 KN	P4 KN
			Width W	Depth D	Height D	Width W1	Depth D1	Height H1	Width X	Depth Y	Width M	Height EH				
0.63	1000	13	1600	2600	2300	1540	2220	2250	2450	3100	1200	2100	55	43	68	50.5
1.0	1250	16	1700	2700	2300	1640	2320	2250	2550	3200	1200	2100	78	60	81	59
1.5-1.6																
1.75	1600	21	1800	2800	2300	1740	2420	2250	2750	3300	1300	2100	85	68	99	72