



Precision in
Motion

Vikrant
ELEVATORS

elevators

Hydraulic, Traction, MRL Gearless

An ISO 9001 - 2008 Certified Company



Vikrant ELEVATORS

ENLIGHTENED **vision**

Our Vision is to deliver comfort, safety & trouble free hoisting solution.

STEADFAST **mission**

Our mission is to provide international standard hosting solution & services through continuous improvement by customization, creativity & teamwork.

About us:

Vikrant Elevators its distinction and unique role in the elevator world is all attributed to the usage and application of modern technology from the world around. Precision engineering designs and precise application of international standards.

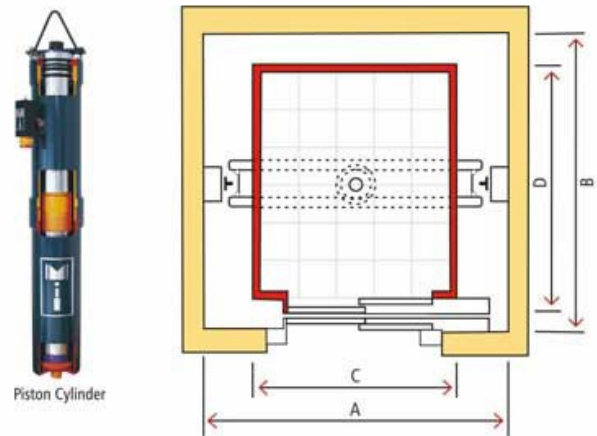
Our elevators demonstrate most reliable and innovative technology in the industry. Talented, trained, motivated and experienced personal of Vikrant Elevators stand up to the incomparable service offered to you. A strong emphasis on continuous development and the ability to keep pace with modern technology from the international market supports the company's expanding manufacturing base. In a short span of fifteen years it has earned a name and reputation for itself and has proved to be the right choice for you.



Vikrant
ELEVATORS

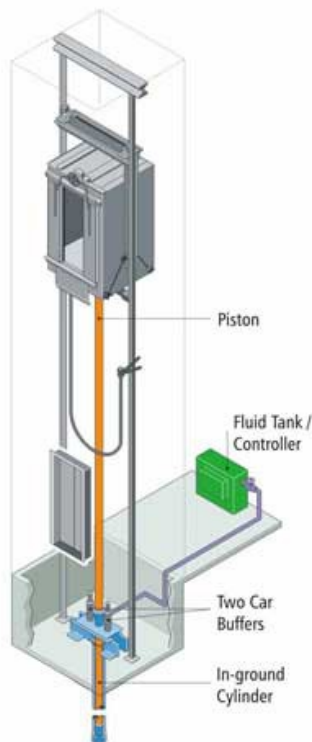
HYDRAULIC

HOLE TYPE



Hole Type

Direct suspension. The simplest solution for any load with a simple or split piston.



It is a directly suspension with a simple or split piston. It is the simplest solution of suspension for any load. upto 6 meters travel..

Persons	Capacity Kg	Shaft-W (A)	Shaft-D (B)	Car-W (C)	Card-D (D)
3	225	1200	1200	800	900
4	300	1250	1350	850	1050
5	375	1400	1400	1000	1100
6	450	1500	1500	1100	1150
8	600	1500	1700	1100	1400
10	750	1600	1850	1200	1550
12	900	1700	1950	1300	1650
15	1125	1700	2300	1300	2000
20	1500	1800	2700	1400	2400
24	1800	1900	2800	1500	2500

PIT : 1500 mm • O.H. : 3900 mm (PIT & O.H. change the technical specification)

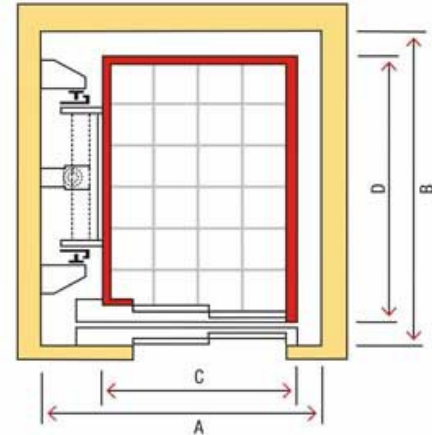


HYDRAULIC

Holeless Type

ADVANTAGES

- Safe, Secure and Powerful Vertical Transportation Elevator Valve
- Low Installation and Maintenance Cost Compared to a Traction Lift
- A Longer Operating Lifetime
- Comfort and Low Noise
- Simple & Fast Installation
- Single-time Phase-3 Power (for Ascending) and Phase-1 (for Descending)
- Low Unit Cost, Even with Minimum Inventory



It is a single side direct suspension with a single simple piston for regular loads for short travels of maximum 4 meters.

Persons	Capacity Kg	Shaft-W (A)	Shaft-D (B)	Car-W (C)	Car-D (D)
3	225	1500	1500	800	900
4	300	1550	1550	850	1050
5	375	1700	1700	1000	1100
6	450	1800	1800	1100	1150
8	600	1800	1800	1100	1400
10	750	1900	1900	1200	1550
12	900	2000	2000	1300	1650
15	1125	2000	2000	1300	2000
20	1600	2100	2100	1400	2400

PIT : 1200 mm • O.H. : 3660 mm



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HYDRAULIC

Goods Elevator

VIKRANT Goods Lift are designed to suit client's specific requirement using superior quality raw material and bought out items. we offer superior quality Goods Lift

Hydraulic Operated Out Door Goods Lift

Suitable For lifting loads from one floor to the other floors.
Maximum Lift Height : 100 Feet (30 Mtrs.)
Capacity ranges from : 100 Kgs. To 5000 Kgs.
Location : Outdoor

Hydraulic Operated Goods Lift Twin Loading

suitable for lifting loads from one floor to the other floors.
maximum lift height : 100 feet (30 mtrs.)
capacity ranges from : 100 kgs. To 1000 kgs.
suitable for two sides loading & unloading.

Hydraulic Operated Goods Lift - Sliding Doors

suitable for lifting loads from one floor to the other floors.
maximum lift height : 100 feet (30 mtrs.)
capacity ranges from : 100 kgs. To 1000 kgs.
fitted with outer & inner sliding doors.

Hydraulic Operated Goods Lift - Railing Doors

suitable for lifting loads from one floor to the other floors.
maximum lift height : 100 feet (30 mtrs.)
capacity ranges from : 100 kgs. To 1000 kgs.
platform fitted with railings & outer collapsible gates.



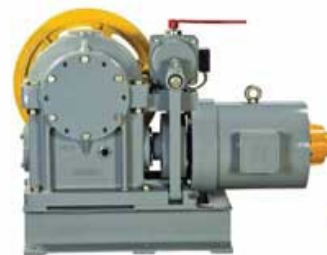


Capacity 500 to 4000 Kg. Load

TRACTION

Freight Elevator

VIKRANT Freight elevator, fully utilizing the advanced and full-computerized control technology, adopts the mature AC speed governor VP control system and VVVF control system. It is simple in structure and convenient in repair and maintenance. Also it fulfils a qualitative leap in the aspects of the signal transmission and running control, which brings about more stable and reliable, lower noise, smoother running and more accurate leveling compared with traditional freight elevator. It makes the goods much easier for entry and exit. In addition, VIKRANT Freight elevator can offer the micro-processor with high-speed operating abilities and expansion interface to ensure to satisfy the special requirements from users.



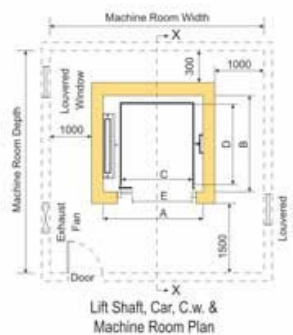
Heavy Duty Traction Machine



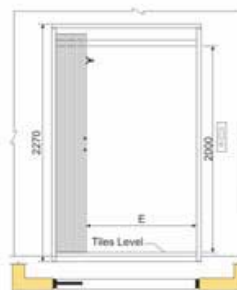
Two Panel Sliding Door



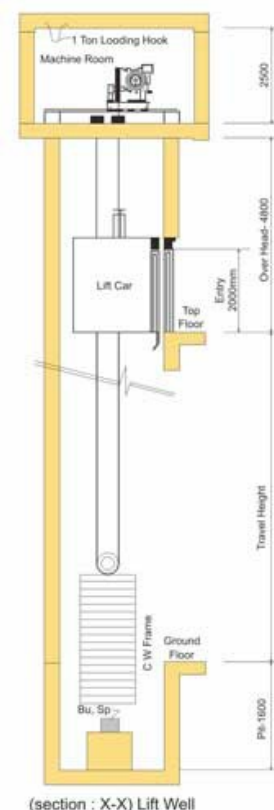
Center Opening & Double Folded Type



Lift Shaft, Car, C.w. & Machine Room Plan



Collapsible Door Landing



(section : X-X) Lift Well

Parameters for Freight Elevator

Capacity	Shaft-W	Shaft-D	Car-W	Car-D	Entrance
Kgs.	(A)	(B)	(C)	(D)	(E)
500	1900	1500	1100	1200	900
1000	2300	2100	1400	1800	1150
1500	2600	2300	1700	2000	1400
2000	2600	2800	1700	2500	1400
2500	2900	2800	2000	2500	1625
3000	2900	3300	2000	3000	1625

Flameproof Lifts

GOODS CUM PASSENGER ELEVATOR



Cap.500 kgs to 5000 kgs



Wherever Inflammable, Explosive and corrosive vapours liquids and gases are expected to be present the most important demand to be met by elevator in such hazardous area is high degree of reliability and perfection " SINCE FAULTS MAY ENTAIL SERIOUS DANGER TO PERSONNEL & PLANT ". For selection of explosion proof elevator, following points should be taken care of :

(1) Hazardous Area: Hazardous area catagorised into zones depending on the frequency and duration as per IS:5572 (Part-1) i.e. zone '0', zone '1' and zone '2'

(2) Ignition Temperature: Flammable gases and vapours are categorized in temperature classes from T1 to T6. Ignition temperature is the lowest temperature at which the flammable gas will ignite.

(3) Hazardous Gas: Hazardous gas have been classified in IS: 2148-1981 and are associated only with flame proof enclosures. These gases along with the ignition temperature classes are listed as following :

Gas Group - I, IIA & IIB

All electrical apparatus are housed in flame proof enclosures confirming to IS.2148 and mechanical components are designed so that there is no ferrous metal to ferrous metal contact in order to void and chance of sparking. Hence 'VIKRANT' flame proof elevator are flame proof as well as spark proof. 'VIKRANT' flame proof elevators are offered for Gas Group I, IIA & IIB suitable for zone-1 & zone-2 Areas.



FLP Equipment



FLP Light



FLP Floor & Gate Limit Switch



FLP Rotary Limit Switch



FLP Gravity Limit Switch



FLP Control Panel



FLP Isolator Switch



FLP Junction Box



FLP Push Button Station



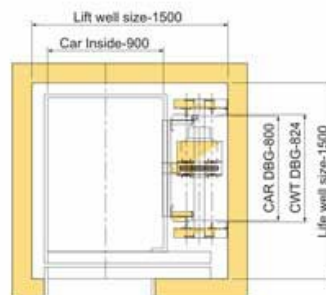
MRL Gerless

Home Elevator

- Our home elevators are driven by a Permanent Magnet Gearless Machine. Only available until recently on high-end commercial elevators, this technology delivers extremely smooth, noiseless motion. No need to worry about being disturbed by the noise of the elevator in your living space!
- Multiple safety components (such as low-speed shaft braking and electrical dynamic braking) act either separately or combined, to provide the highest level of safety in the industry.
- Our home elevators are featured Machine Room-Less (MRL) design. They take up no additional space other than the hoist way.
- Our home elevators need no space overhead.



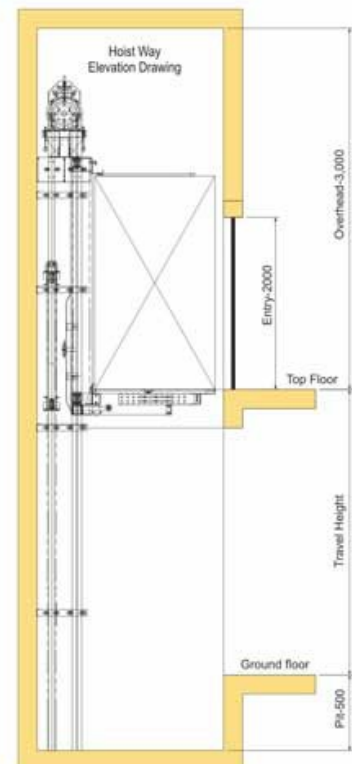
Less Space
Less Energy
More Flexibility



Specification : Home Elevators Machine

RPM	60	Pulley Dia.	200 mm
Frequency	12 Hz.	Rope Dia.	6 mm
Voltage	230 VAC	No. of Ropes	4
kW / Hp	1.3 kw	Lifting Capacity	272 kg
Weight	80 kg.	Lift Speed	0.32 m/s
Brake	Pick-up : 220 VDC	Max. Travel	15 Mts.
Voltage	Holding : 110 VDC	Starts / Day	150

All Dimension are in mm.
This is General Data, it may be changed without notice.





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Doors

Auto Door



S. S. Side Opening Autodoor



S. S. Center Opening Autodoor



M. S. Powder Coated Autodoor



2-PANEL SIDE OPENING Car Door Mechanism



2-PANEL CENTRE OPENING Landing Door Mechanism



Big Vision Glass Door

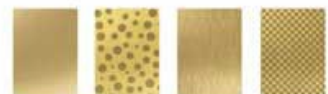


Full Glass Door



Small Vision Autodoor

Etching Gold Finish



Etching S.S. Finish



Manual Door



Collapsible Door



M. S. Telescopic Door with
M. S. Door Frame



Imperforated Door



Big Vision Swing Door



A Wide Choice of Durable Interior Materials

The elevator cabin can make a big impression on passengers. It reflects the building's decor and your commitment to tenants' comfort.

Cabins



Stainless Steel Decorative Cabin



Stainless Steel Decorative Cabin



Stainless Steel Decorative Cabin



Stainless Steel & Glass Cabin



M.S. Powder Coated Cabin



Wooden Laminated Cabin



S.S. Mirror + Perforated S.S. Hairline Cabin



Wooden & Stainless Steel Cabin

Elevator Components



Over Speed Governor



Elevator T Guide Rail



Standard Usha Martin Elevator Rope



Limit Switch



Rope Sensor (Multi Rope Type)



Vikrant
ELEVATORS

Surface Micro Electro LOP & COP Buttons

People in Motion Technology to Delivery Human Single for machineto Move.



Lift Duty Reduction Geared Machine Units

Machines are specially designed for various application such as speed and capacity with rigid & rugged reliability, smooth trouble free operation. Use standard worm and worm gears with taper roller bearings and thrust bearing in machine for maximum load carrying capacity. The perfect lubrication system gives longer life and smooth operation. The machine are mounted on special type of rubbers which have extra ordinary dumping capacity, due to this characteristic, the machine runs vibration free.



Handrail

Led Light

Sensor

Microprocessor Control Panel



Automatic Rescue Device
(ARD)

VVVF, ARD
Microprocessor Control Panel

VVVF, ARD
Microprocessor Control Panel

Hydraulic, Traction, MRL Gearless



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keep city clean & green