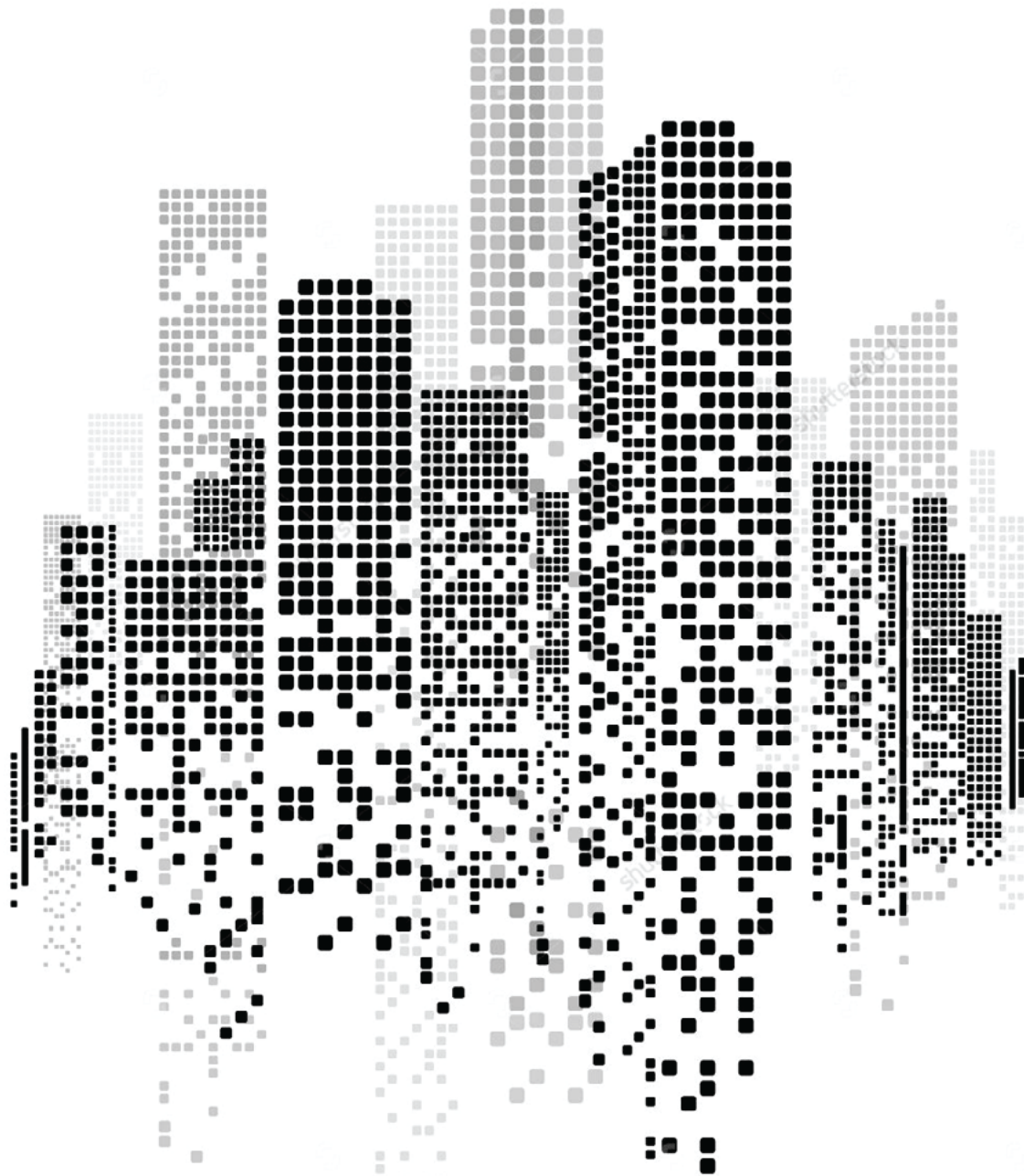




# Nextra<sup>®</sup>

GEARLESS. GREENER. FASTER. HIGHER.



Perfecting the Art of Vertical Mobility



- ▲ Johnson Lifts are the pioneers in vertical transportation over 6 decades in India.
- ▲ Number one in sales volume since 2009.
- ▲ 300,000 square metres is the total area of our three lift factories with a combined manufacturing capacity of over 18,000+ units/ annum.
- ▲ We have fourteen lift models to suit every budget and need.
- ▲ Currently, we have over 1,00,000+ units under Annual Maintenance Contracts in India.
- ▲ Johnson manufactures heavy duty escalators in a 20,000 square metre factory in Chennai.
- ▲ We offer a wide range of escalators and travelators to cater to the needs of every sector.
- ▲ We operate from 80+ branches in India and 10+ offices overseas, with over 9,000+ Employees worldwide.



At 155 feet, one of the tallest lift testing towers in India at our Chennai factory.



## THE INSIDE STORY

Nextra is manufactured at Johnson's three lift factories: two units in Chennai and one in Nagpur. The facilities are world-class in every way, from cutting-edge equipment to quality processes, and from the skills of our manpower to the brains in R&D. So when you buy a Nextra, you get the best in the world.



Hi-speed auto-loading CNC turret punch in action



Micron-accurate CNC press brake



The Salvagnini automatic line.



Nextra is the next generation in vertical transportation brought to you by Johnson Lifts. The heart of Nextra is a rare earth permanent magnet synchronous motor. This combined with the VVVF drive gives Nextra breakthrough advantages.

### **Save Energy**

Nextra reduces your power consumption by 60%. The gearless motor increases efficiency around 80% by:

- Reducing start up current
- Saving electricity - the busier, the lift the more the saving as a result of high efficiency.
- Less heat generation and greater mechanical efficiency of motor as it runs at a lower rpm.

### **Save the Environment**

Nextra is a green lift for greener buildings. In addition to the energy advantage, Nextra's gearless motor requires no lubrication and zero maintenance. No oil means no pollution.

### **Smoother Ride**

The speed control works with closed loop feedback from the encoder to ensure safe and very smooth travel.

### **Save in the Future**

Nextra's gearless motor is a wonder of modern technology with only one moving part and the bearings completely sealed. It generates higher lift travelling speeds at much lower motor speed.

All this adds up to trouble-free, smooth operation for decades to come.



### **TFT Colour Display**

Easily customisable to display notices and advertisements.

### **VVVF Controller**

This world leading technology comes standard in all Nextra lifts. The Variable Voltage Variable Frequency (VVVF) control, ensures 50% energy savings. It also creates comfortable ride quality with jerk-free starts and stops; Smooth acceleration and deceleration, and no landing variations, time after time. In the long run, this prevents wear and tear of components, which means less downtime and huge savings on spares.

### **VVVF Door Controller**

Silken smooth door movement. Advanced features like adjustable independent times for opening and closing. Slow-nudging feature ideal for high traffic situations.

### **Stainless Steel Buttons**

Sophisticated design - buttons flush with backplate. Orange LED illumination. Highly tamper resistant

### **Superior on all Counts**

|                             | Geared Machine | PMSM Gearless Machine |
|-----------------------------|----------------|-----------------------|
| Nominal rotate speed (rpm)  | 1305           | 167                   |
| Motor capacity (kw)         | 19             | 11.5                  |
| Nominal current (amps)      | 40             | 26                    |
| Oil consumption (ltr)       | 15             | 0                     |
| Weight of the machine (kgs) | 1200           | 320                   |

### Overload Indicator

When the lift is overloaded, there is an audible “overload” announcement as well as a message in the display panel.

### Fireman Switch

To enable fire-service personnel to take over complete control over one or more lifts.

### Floor Annunciator

Recorded voice announces the floor number on arrival. Accompanied by pleasant music.

### Hall Lantern with gong

Landing fixture with illuminated arrow to indicate the direction in which the lift is heading and ringing tone is sounded as the lift stops at the landing.

### ARD

Automatic Rescue Device - Automatically takes the lift to the nearest level in the case of a power interruption.

### Door Frame

Only Johnson Lifts come with door frames in Decorative Laminated Steel Sheet (DLSS) that gives strength as well as an elegant appearance.

### Full Height Car Fixture

Designed specially for high-rise buildings. With Press & Speak facility and overload indicator.



### Infra Red Screen Sensor

Diagrammatic representation of the curtain of 212 infra red beams that prevents accidental closing of the door.



## NEXTRA GALLERY



As you turn the page, imagine you are stepping into a wonderland of lifts. Here, you can choose from the most luxurious finishes, hi-tech operating panels; sleek false ceilings and more. The best the world has to offer for your most exclusive customers.

Select from the range of options and create your own work of “art”!

ANTHRACITE GREY



CEDAR



ETCHED GOLD



TEAK & HAIRLINE



SS HAIRLINE



ETCHED WHITE



DAMA



HONEYCOMB



## NARROW DOOR JAMB



# CEILINGS



JLFC01 Sleek Rectangular  
with Crossflow Fan (Optional)



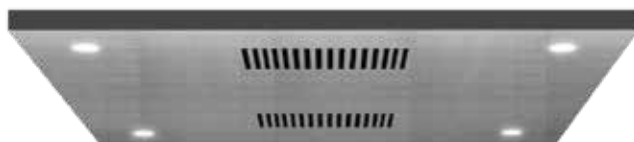
JLFC02 Premium Sleek Rectangular  
with Crossflow Fan (Optional)



JLFC03 Sleek Small Circular /  
Square Diffuser (Optional)



JLFC04 Premium Strip Ceiling  
with Crossflow Fan (Optional)



JLFC08 - Sleek Small Circular  
with Crossflow Fan

Finish : Single finish only possible for all of the above as per car panel finish

## BUTTONS



JLBT01 Round



JLBT01 Round  
Tactile (Optional)

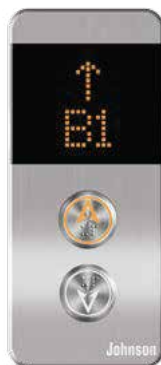


JLBT03 Oval

## LANDING OPERATING PANELS



JLLP01  
Grouting  
(Optional)



JLLP03  
Surfacemount  
(Optional)



JLLP04  
Grouting - Premium  
(Optional)



JLLP05  
Surfacemount

## HALL LANTERNS



JLHL01 - Standard  
Horizontal



JLHL02 - Premium Horizontal  
without display (Optional)

## DISPLAYS



JLDP01 Orange Square Dot Matrix (OSDM)



JLDP03 LCD 5"  
(Optional)



JLDP04 TFT 4.3"  
(Optional)



JLDP05 TFT 7"  
Vertical (Optional)

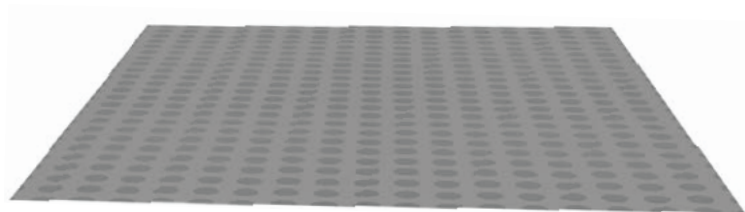


JLDP05 TFT 7"  
Horizontal (Optional)



JLDP06 TFT 10" (Optional)

## FLOORING



JLFL01 PVC



JLFL02 Chequered Plate (MS / ALUM / SS) (Optional)  
Standard - 3mm thickness (6mm thickness - optional)

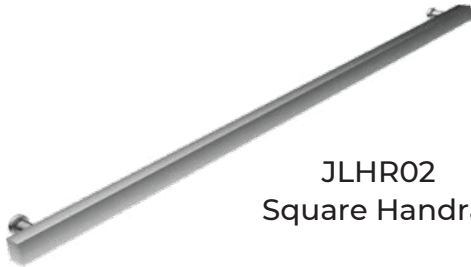


JLFL03 Pergo (Wooden) (Optional)

## HANDRAILS



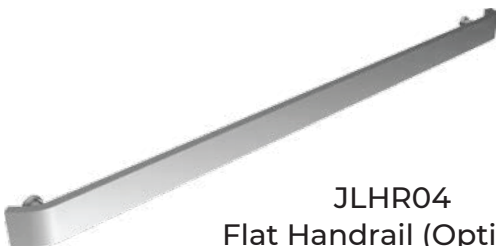
JLHR01  
Round Handrail



JLHR02  
Square Handrail



JLHR03 Round Handrail  
(Physically Challenged)



JLHR04  
Flat Handrail (Optional)



JLHR05 Tri Round  
Handrail (Optional)

## CAR OPERATING PANELS



JLCP01



JLCP02



JLCP03  
(Optional)

\* COP: JLCP01 Can be utilized for up to 14 stops.

\* JLCP01: Not suitable for physically challenged requirements.



# NEXTRA SPECIFICATIONS

## CENTRE-OPENING DOOR LIFT (1.00 - 1.75 MPS)

| Load    |      | Speed in m/s | Car Inside |      | Lift Well |      | Entrance         |
|---------|------|--------------|------------|------|-----------|------|------------------|
| Persons | Kgs  |              | A          | B    | C         | D    | E                |
| 6       | 408  | 1.00 TO 1.75 | 1100       | 1000 | 1550      | 1600 | 700              |
|         |      |              | 1200       | 900  | 1750      | 1500 | 800              |
| 8       | 544  | 1.00 TO 1.75 | 1300       | 1100 | 1750      | 1700 | 800              |
|         |      |              | 1400       | 1000 | 1800      | 1600 |                  |
| 10      | 680  | 1.00 TO 1.75 | 1300       | 1350 | 2100      | 1800 | 800              |
|         |      |              | 1400       | 1250 | 2150      | 1750 |                  |
| 13      | 884  | 1.00 TO 1.75 | 2000       | 1100 | 2450      | 1700 | 900 <sup>#</sup> |
|         |      |              | 1100       | 2000 | 2100      | 2400 | 900              |
| 15      | 1020 | 1.00 TO 1.75 | 2000       | 1200 | 2450      | 1800 | 1000             |
|         |      |              | 1200       | 2000 | 2200      | 2400 |                  |
| 16      | 1088 | 1.00 TO 1.75 | 2000       | 1300 | 2450      | 1900 | 1000             |
|         |      |              | 1300       | 2000 | 2300      | 2400 |                  |
| 20      | 1360 | 1.00 TO 1.75 | 2000       | 1550 | 2450      | 2155 | 1000             |
|         |      |              | 1550       | 2000 | 2400      | 2400 |                  |
| 24      | 1632 | 1.00 TO 1.75 | 2000       | 1750 | 2500      | 2350 | 1000             |
|         |      |              | 1500       | 2400 | 2350      | 2850 |                  |
| 26      | 1768 | 1.00 TO 1.75 | 1500       | 2500 | 2400      | 2900 | 1000             |
|         |      |              | 1600       | 2400 | 2500      | 2800 |                  |
|         |      |              | 1900       | 2000 | 2800      | 2400 |                  |



# NEXTRA SPECIFICATIONS

## SIDE-OPENING DOOR LIFT (1.00 - 1.75 MPS)

| Load    |      | Speed in m/s | Car Inside |      | Lift Well |      | Entrance         |
|---------|------|--------------|------------|------|-----------|------|------------------|
| Persons | Kgs  |              | A          | B    | C         | D    | E                |
| 6       | 408  | 1.00 TO 1.75 | 1200       | 900  | 1600      | 1600 | 800              |
|         |      |              | 1100       | 1000 | 1500      | 1700 |                  |
| 8       | 544  | 1.00 TO 1.75 | 1300       | 1100 | 1700      | 1800 | 800              |
|         |      |              | 1200       | 1200 | 1600      | 1900 |                  |
| 10      | 680  | 1.00 TO 1.75 | 1300       | 1350 | 2050      | 1900 | 800              |
|         |      |              | 1400       | 1250 | 2150      | 1850 |                  |
| 13      | 884  | 1.00 TO 1.75 | 2000       | 1100 | 2400      | 1800 | 900 <sup>#</sup> |
|         |      |              | 1100       | 2000 | 1850      | 2500 |                  |
| 15      | 1020 | 1.00 TO 1.75 | 2000       | 1200 | 2450      | 1900 | 1000             |
|         |      |              | 1200       | 2000 | 2000      | 2500 |                  |
| 16      | 1088 | 1.00 TO 1.75 | 2000       | 1300 | 2450      | 2000 | 1000             |
|         |      |              | 1300       | 2000 | 2100      | 2500 |                  |
| 20      | 1360 | 1.00 TO 1.75 | 2000       | 1550 | 2450      | 2250 | 1000             |
|         |      |              | 1550       | 2000 | 2300      | 2500 |                  |
| 24      | 1632 | 1.00 TO 1.75 | 2000       | 1750 | 2500      | 2450 | 1000             |
|         |      |              | 1500       | 2400 | 2250      | 2950 |                  |
| 26      | 1768 | 1.00 TO 1.75 | 1500       | 2500 | 2300      | 3000 | 1000             |
|         |      |              | 1600       | 2400 | 2400      | 2900 |                  |
|         |      |              | 1900       | 2000 | 2700      | 2500 |                  |

| Speed in m.p.s | Capacity   | Pit Height (mm) | Car Height (CH) | Overhead Height (mm) | Clear Opening (H) | Minimum Floor to Floor Height (mm) | Below Lintel Height |
|----------------|------------|-----------------|-----------------|----------------------|-------------------|------------------------------------|---------------------|
| 1.25           | 6P to 26P  | 1500            | 2200 to 2600    | CH + 2000            | 2000 to 2400      | H + 750                            | H + 125             |
| 1.75           | 6P to 13P  | 1600            |                 | CH + 2600            |                   |                                    |                     |
|                | 15P to 26P | 1800            |                 | CH + 2600            |                   |                                    |                     |

#1000mm clear opening possible with additional cost (optional)

## CENTRE-OPENING DOOR LIFT (2 MPS)

| Load    |      | Speed in m/s | Car Inside |      | Lift Well |      | Entrance         |
|---------|------|--------------|------------|------|-----------|------|------------------|
| Persons | Kgs  |              | A          | B    | C         | D    | E                |
| 8       | 544  | 2.0          | 1300       | 1100 | 1800      | 1760 | 800              |
|         |      |              | 1400       | 1000 | 1900      | 1660 | 800              |
| 10      | 680  | 2.0          | 1300       | 1350 | 1800      | 2010 | 800              |
|         |      |              | 1400       | 1250 | 1900      | 1910 | 800              |
| 13      | 884  | 2.0          | 2000       | 1100 | 2500      | 1760 | 900 <sup>#</sup> |
|         |      |              | 1100       | 2000 | 2060      | 2400 | 900              |
| 15      | 1020 | 2.0          | 2000       | 1200 | 2500      | 1875 | 1000             |
|         |      |              | 1200       | 2000 | 2220      | 2400 | 1000             |
| 16      | 1088 | 2.0          | 2000       | 1300 | 2500      | 1975 | 1000             |
|         |      |              | 1300       | 2000 | 2270      | 2400 | 1000             |
| 20      | 1360 | 2.0          | 2000       | 1550 | 2600      | 2235 | 1000             |
|         |      |              | 1550       | 2000 | 2450      | 2400 | 1000             |
| 24      | 1632 | 2.0          | 2000       | 1800 | 2600      | 2500 | 1000             |
|         |      |              | 1500       | 2400 | 2450      | 2800 | 1000             |
| 26      | 1768 | 2.0          | 2000       | 1900 | 2600      | 2600 | 1000             |
|         |      |              | 1600       | 2400 | 2550      | 2800 | 1000             |

## SIDE-OPENING DOOR LIFT (2 MPS)

| Load    |      | Speed in m/s | Car Inside |      | Lift Well |      | Entrance         |
|---------|------|--------------|------------|------|-----------|------|------------------|
| Persons | Kgs  |              | A          | B    | C         | D    | E                |
| 8       | 544  | 2.0          | 1300       | 1100 | 1800      | 1835 | 800              |
|         |      |              | 1200       | 1200 | 1700      | 1935 | 800              |
| 10      | 680  | 2.0          | 1300       | 1350 | 1800      | 2085 | 800              |
|         |      |              | 1400       | 1250 | 1900      | 1985 | 800              |
| 13      | 884  | 2.0          | 2000       | 1100 | 2500      | 1835 | 900 <sup>#</sup> |
|         |      |              | 1100       | 2000 | 1820      | 2500 |                  |
| 15      | 1020 | 2.0          | 2000       | 1200 | 2500      | 1955 | 1000             |
|         |      |              | 1200       | 2000 | 1950      | 2500 | 1000             |
| 16      | 1088 | 2.0          | 2000       | 1300 | 2500      | 2055 | 1000             |
|         |      |              | 1300       | 2000 | 2050      | 2500 | 1000             |
| 20      | 1360 | 2.0          | 2000       | 1550 | 2600      | 2315 | 1000             |
|         |      |              | 1550       | 2000 | 2330      | 2500 | 1000             |
| 24      | 1632 | 2.0          | 2000       | 1800 | 2600      | 2600 | 1000             |
|         |      |              | 1500       | 2400 | 2450      | 2900 | 1000             |
| 26      | 1768 | 2.0          | 2000       | 1900 | 2600      | 2700 | 1000             |
|         |      |              | 1600       | 2400 | 2550      | 2900 | 1000             |

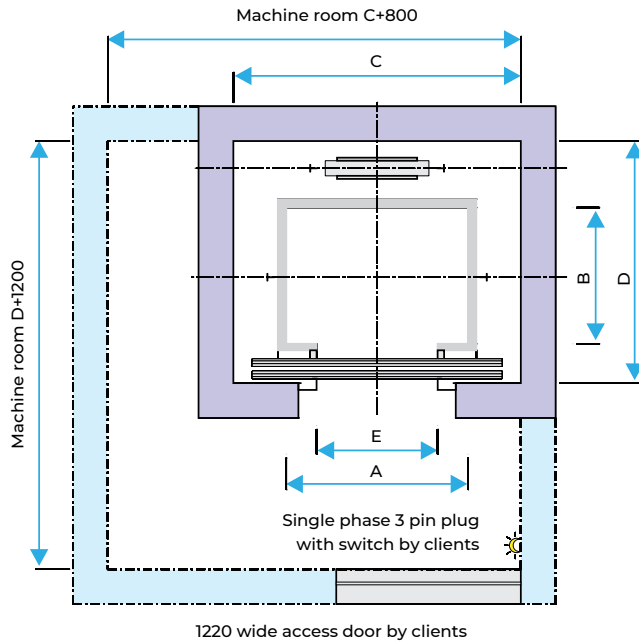
| Speed in m.p.s | Capacity  | Pit Height (mm) | Car Height (CH) | Overhead Height (mm) | Clear Opening (H) | Minimum Floor to Floor Height (mm) | Below Lintel Height |
|----------------|-----------|-----------------|-----------------|----------------------|-------------------|------------------------------------|---------------------|
| 2              | 8P to 26P | 2200            | 2200 to 2600    | CH + 3000            | 2000 to 2400      | H + 750                            | H + 125             |

#1000mm clear opening possible with additional cost (optional)

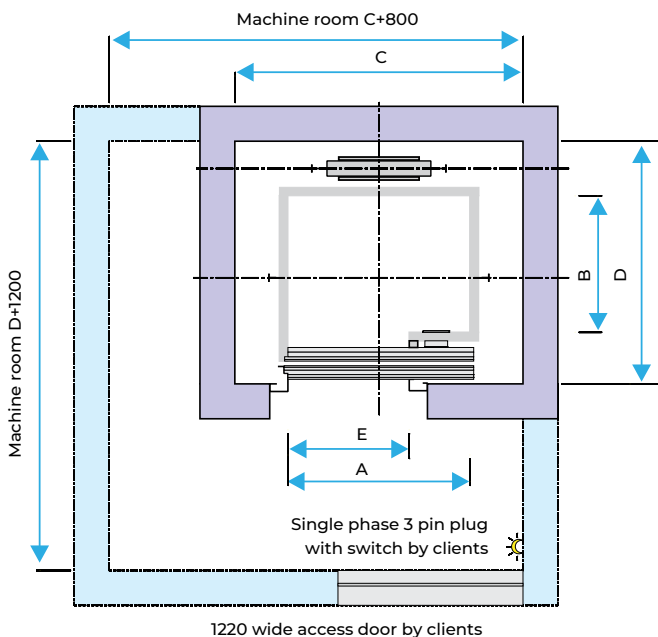


# NEXTRA DIAGRAMS

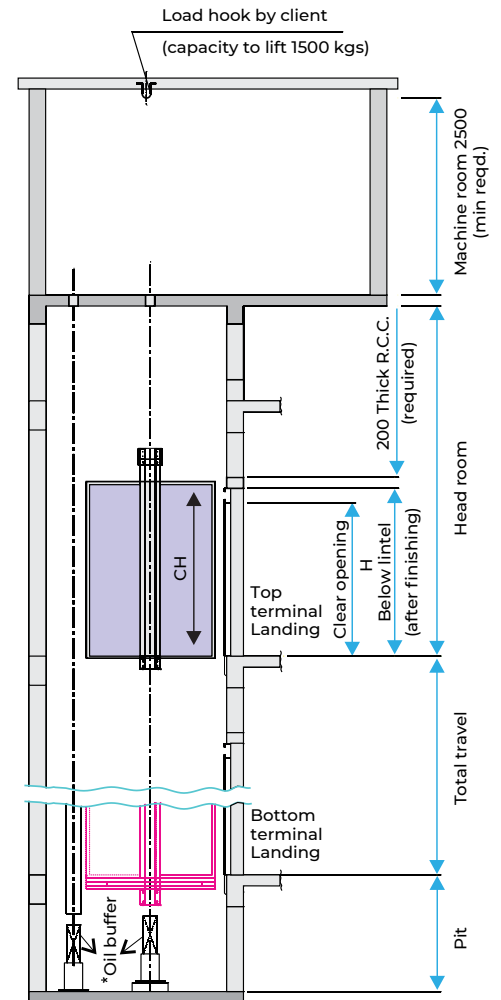
## 2 PANEL CENTRE-OPENING DOOR LIFT



## 2 PANEL SIDE-OPENING DOOR LIFT



## ELEVATION



\* Oil buffer only for lifts with a speed-rating of 1.75 & 2 m/s

**Note:** All dimensions are in millimetres. All dimension are clear finished liftwells after plastering. Dimensions are suitable for lift speeds upto 1.75 and 2 m.p.s. Dimension in the machine room depends on number and orientation of the lifts shafts. Lifting hook in machine room required. All walls minimum 150RCC or 230 brick. Hoistway front wall 230 brick preferred. RCC machine room structural slab 150 thick designed to sustain minimum 1000 kg/m<sup>2</sup> UDL. For specific requirements our local representative will be happy to work with you in preparation of the drawings.

SCAN FOR UPDATED SPEC



# JOHNSON FACTORIES

**OUR UNMATCHED MANUFACTURING CAPABILITY**



Johnson escalator factory complex in Oragadam, Chennai



Johnson lifts factory, Nagpur



Johnson lifts factory in Poonamallee, Chennai



Johnson lifts factory complex in Sengadu, Chennai

## OVERSEAS

Nepal, Srilanka, Tanzania,  
UAE, Uganda, Bhutan, Qatar,  
Maldives, Saudi Arabia,  
Oman, Bahrain

## NORTH

Chandigarh, Gurgaon,  
Delhi, Jaipur, Jammu,  
Lucknow, Noida

## EAST

Bhubaneswar, Guwahati,  
Kolkata, Patna, Ranchi

## CENTRAL

Amaravati, Bhopal,  
Indore, Jabalpur, Nagpur,  
Nashik, Raipur

## WEST

Ahmedabad, Goa, Kolhapur,  
Mumbai Andheri, Mumbai Mahpe,  
Navi Mumbai, Pune, Shirdi,  
Solapur, Surat, Vadodara

## SOUTH

Bengaluru, Calicut, Chennai, Cochin,  
Coimbatore, Hyderabad, Hubli, Hosur,  
Madurai, Mangalore, Mysore, Puducherry,  
Salem, Tirunelveli, Tirupathi, Tiruvannamalai,  
Trichy, Trivandrum, Vijayawada, Vellore,  
Vishakapatnam, Warangal



4 Factories | 80+ Branches in India | 10+ Offices Overseas | 9,000+ Employees



Scan to visit our website



ISNEX|MKTG|08|QR|06-DT.09|26

**Johnson Lifts Private Limited**

Corporate Office: 1, East Main Road, Anna Nagar Western Extn., Chennai 101  
+91-44-43152200 | enquiry@johnsonliftsltd.com | www.johnsonliftsltd.com