

## B-HR

DOORS FOR HIGH-RISE ELEVATORS









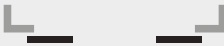

Residential



# Doors for HIGH-RISE elevators

**Aiming higher and higher as fast, safely and comfortably as possible.**

Sematic 2000 B-HR is the ideal solution for passenger movement within high-rise buildings, as it includes: fast, quiet and smooth door opening and closing (allowing for efficient traffic management flow), exceptional robustness, excellent transport comfort, unrivalled aesthetic properties and full compliance with the most stringent safety regulations.

Landing Door		Car Door		Clear opening min. (mm)	Clear opening max. (mm)	Clear height min. (mm)	Clear height max. (mm)
Type	Illustration	Type	Illustration				
S 2R		K 2 R		800	1400	2000	3000
S 2R		K 2 R					
S 2Z		K 2Z		800	1400	2000	3000
S 4Z		K 4Z		1300	2200	2000	3000





# Landing Door

2000 B-HR is the ideal solution for high-rise elevators. It guarantees extremely fast opening combined with quiet and smooth operation. Elevator door technology at its best! This door sets new standards with its compact size and sill dimensions.

## ADVANTAGES

Fast, quiet and smooth door opening and closing  
(allowing for efficient traffic management flow)

Wide range of finishes, options and certifications are available

Active behaviour to counter the shaft stack effect

Extremely high reliability / life time

Wide adjustability for high buildings' requirements

Elevator Rated Speed	Up to 6 m/s
Clear Opening (mm)	800 - 2400
Clear Height (mm)	2000 - 3000
C2/Sill Package (mm)	200
T2/Sill Package (mm)	265
T3/Sill Package (mm)	-
C4/Sill Package (mm)	265
C6/Sill Package (mm)	-
T1/Sill Package (mm)	-
Full Glass	Optional (Only for B-HR Low)
Framed Glass	Optional
EN 81-20/50	Standard
EN 81-71	Optional Cat. 1
EN 81-72	Optional
EN 81-58 E	Optional
EN 81-58 EI	Optional
BS 476 E	Optional
GOST 53780/53871	Optional
Aluminium Sill	Standard
Reinforced Sill	Optional
Hidden Sill	-
Door Closing	Spirator, Counterweight (B-HR MED/ TOP), Spring (B-HR LOW)



## INSTALLATION



- Door posts partially on the floor
- Door posts totally in the shaft
- Wide adjustability for high buildings' requirements

## PERFORMANCE



- All of its components and technical solutions have been analyzed and endurance tested in our laboratories across millions of cycles, ensuring that this door guarantees constant high performance over a long life
- Devided in LOW - MED-TOP execution for best adaptation to installation and performance requirements
- Upper rollers 84Ø mm external diameter
- High opening speed performance
- Moving mass calculation in real time for speed optimization

## MAINTENANCE



- High performance door system over a long life
- Safety and comfortably
- Minimum maintenance required

## EXECUTIONS



- Air-seal execution
- Anti-vandal execution
- Australia execution
- Hidden bottom track available (Custom)
- Fire-rated executions
- Framed glass panels
- Full glass (Custom)

## FINISHES



- RAL 9005
- Other RAL colours
- Stainless Steel Claddings

## CERTIFICATIONS



- 2014/33/EU
- EN 81-20/50 norms
- EN 81-71
- EN 81-72
- EN 81-58 E, EI, EW
- DIN 18901 norms
- BS 476 Part22 E CLAUSE 8&7
- GOST 53780/53871
- GOST 30247.3 E & EI
- Ukraine: DSTU pr. 81-58 EI60
- China: GB7588.1/2, TSGT 7007-2022, GB27903
- Singapore: SS550,EN81-58
- Australia: AS 1735
- Australia: AS1530
- Brazil: NBR NM\_207
- ASME A17.1
- UL10B
- UKCA

\* Certification depends on door type



# Car Door

## ADVANTAGES:

Ideal solution for high-rise elevators. It guarantees extremely fast opening combined with quiet and smooth operation.

Fast, quiet and smooth door opening and closing (allowing for efficient traffic management flow)

All of its components and technical solutions have been analyzed and endurance tested in our laboratories across millions of cycles, ensuring that this door guarantees constant high performance over a long life.

Wide range of finishes, options and certifications are available

Active behaviour to counter the shaft stack effect

Extremely high reliability / life time

Wide adjustability for high buildings' requirements

Moving mass calculation in real time

Wide range of finishing for most challenging architectural solution

Safe and comfortable

Minimum maintenance required



## INSTALLATION



- High adjustability for flexible installations



## PERFORMANCE



- SDS DC PWM (Low)
- SDS Brushless AC-VVVF HV (Top/Med)
- Self-learning cycle at the first installation in order to acknowledge door dimension and form opening and closing curves
- Upper rollers 84Ø mm external diameter
- High performance door system over a long life
- Eco-friendly: low power consumption functions
- Safety and comfortably

## MAINTENANCE



- Low maintenance level needed
- Easy access for maintenance parts

## EXECUTIONS



- Air-seal execution
- Anti-vandal execution
- Australia execution
- Framed glass panels
- Sheet metal panels
- Hidden bottom track available (custom)
- Fire-rated executions
- Framed glass panels
- Full glass (Custom)

## FINISHES



- RAL 9005
- Other RAL colours
- Stainless steel claddings

## CERTIFICATIONS



- EN 81-20/50 norms
- EN 81-71
- GOST 53780/53781
- China: GB7588.1/2, TSGT 7007-2022

\* Certification depends on door type



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