

2000 B-G

DOORS FOR FREIGHT ELEVATORS



APPLICATIONS		DESTINATIONS					
		PASSENGERS		GOODS		SPECIAL USES	
		DOORS	CARS	DOORS	CARS	DOORS	CARS
HOMELIFT			ADAPTA VARIO				
RESIDENTIAL			ADAPTA	2000 B-G	CARGO		CUSTOM
OFFICES			ADAPTA	2000 B-G	CARGO		CUSTOM PANOR./ CUSTOM
HIGH RISE			VARIO	2000 B-G	CARGO		CARGO
HOSPITALS			VARIO	2000 B-G	ADAPTA	2000 B-G	ADAPTA
TRANSPORT			ADAPTA	2000 B-G	CARGO		CUSTOM
MODERNIZATION			EASY ADAPTA	2000 B-G	CARGO		CARGO
HOTELS			VARIO	2000 B-G	ADAPTA		PANORAMIC CUSTOM
SHOPPING CENTERS			ADAPTA	2000 B-G	ADAPTA		CARGO PANOR./ CUSTOM
INDUSTRIAL				2000 B-G	CARGO		CUSTOM CARGO



Providing flexible solutions to satisfy the needs of goods transportation in every industry

A door for freight elevator needs to be not only robust, but it has also to guarantee safety and reliability in all operative conditions, even in the extreme ones.

Sematic 2000 B-G satisfies these requirements thanks to a set of constructive solutions specially designed for this application such as reinforced expansion skate, frame and panels, increased rollers and steel upper tracks. 2000 B-G features door posts partially on the floor assuring easy and

stable installation.

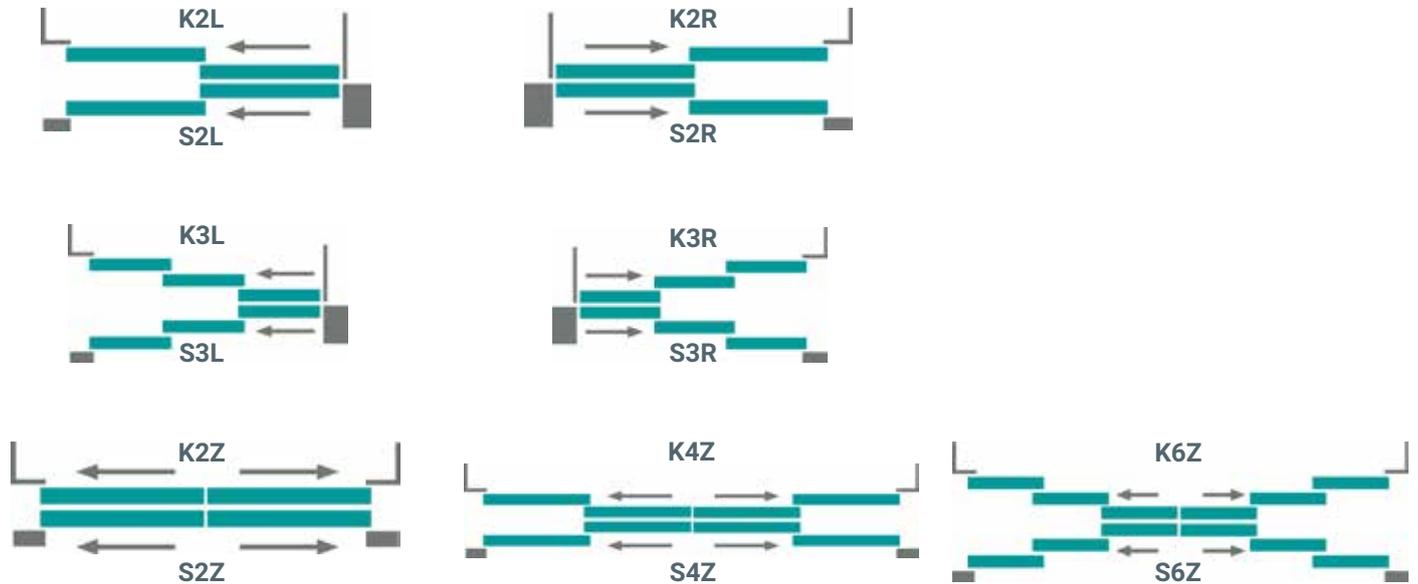
It's available in a wide range of fire rated certifications, anti-vandal executions, with glass panels and many more. 2000 B-G is the ideal solution for elevators in airports, undergrounds, railway stations, shopping centers, hospitals, industrial buildings, multi-floor parking and in all those applications where the doors can be potentially hit.

PRODUCT RANGE			BOTTOM TRACK PACK OVERALL DIMENSION (mm)			
Model	TB min-max (mm)	TH min-max (mm)	Opening	K (car)	S (landing)	Pack ⁽¹⁾
K-S 2R/L	1000 - 2000	2000 - 3500	2R/L	90	135	255
K-S 3R/L	1000 - 2000	2000 - 3500	3R/L	135	180	345
K-S 2Z	1000 - 2000	2000 - 3500	2Z	45	90	165
K-S 4Z	1000 - 3500	2000 - 3500	4Z	90	135	255
K-S 6Z	1400 - 3500	2000 - 3500	6Z	135	180	345

For further information see our technical catalogues

⁽¹⁾ 30mm sill distance

DOOR OPENING TYPE



FIRE RATED EXECUTIONS - EN 81-58

Model	Steel doors	Framed glass doors
S 2R/L	E 120 EW 60 EI 60 EI 120	E 120
S 3R/L		
S 2Z		
S 4Z		
S 6Z		

BS 476, GOST and many other certifications available. Call for information.

CABINS SUGGESTED FOR THIS DOOR

> ADAPTA > CARGO

STANDARD MOTORIZATION

Belt-driven operator with a 24 Vdc optical encoder controller motor, SDS© DC-PWM technology with an integrated switching transformer

- Power supply voltage: 90-290 Vac (115 V -20%, 230 V + 26%), 50-60 Hz with integrated switching.
- Power rated 200 VA
- Emergency power supply 24/36Vdc
- Operating temperature range -10°C to 60°C
- Operating humidity range: up to 80%
- On-board obstacle detection (door re-opening) feature
- Opening and closing speed adjustable separately
- Self-learning cycle and automated speed profiles setting integrated

DOOR AND FRAME FINISHES

STANDARD

OPTIONS

RAL 7032 powder coating	✓	✗
Other RAL Colours	✗	✓
Framed Glass	✗	✓
Frameless glass	✗	✓
Stainless steel claddings	✗	✓
Skin plate claddings	✗	✓

BOTTOM TRACK

STANDARD

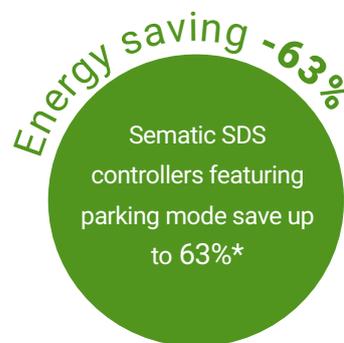
OPTIONS

Aluminum	✓	✗
Steel	✗	✓
Stainless steel	✗	AISI 304 / AISI 316
Brass - Bronze	✗	available for all doors type except 3 R/L and 6Z

SEMATIC FOR ENERGY SAVING

At Sematic, we take our energy use seriously. We have developed a set of technological devices that allow our elevator components to use as little energy as possible, such as our **Sematic SDS door controller**.

* Door power consumption difference between normal standby mode and parking mode measured in laboratory



EN81



4Z execution shown in the picture

MAIN FEATURES	STANDARD	OPTIONS
Certified locking device	✓ EN81-1/2 ✓ EN81-20/50	✗
Position of the lock release	Integrated into the header	In the panel or in the frame
Door closing	Spirator	Counterweight
Door panels	Single skin	Double skin
Header height	280 mm	✗
Frame	Boxed 120x90mm door posts	Reduced door posts (min.80x90 mm) Increase door posts (> 120 mm)
Installation	Door posts partially on the floor	✗
Kit man in the pit	In case of EN81-20/50	In case of EN81-1/2
Monostable contact	✗	✓
Impact robust packaging	Cardboard box Wood (ISPM15)	✗

SPECIAL EXECUTION

OPTIONS

Portal execution	✓
Portal execution with glass	✓
Smoke-seal/Air-seal execution	✓
Anti-vandal execution	EN81-71
Hidden bottom track	✓ (no 3 R/L and 6Z)
Australia execution	✓
Marine execution	✓



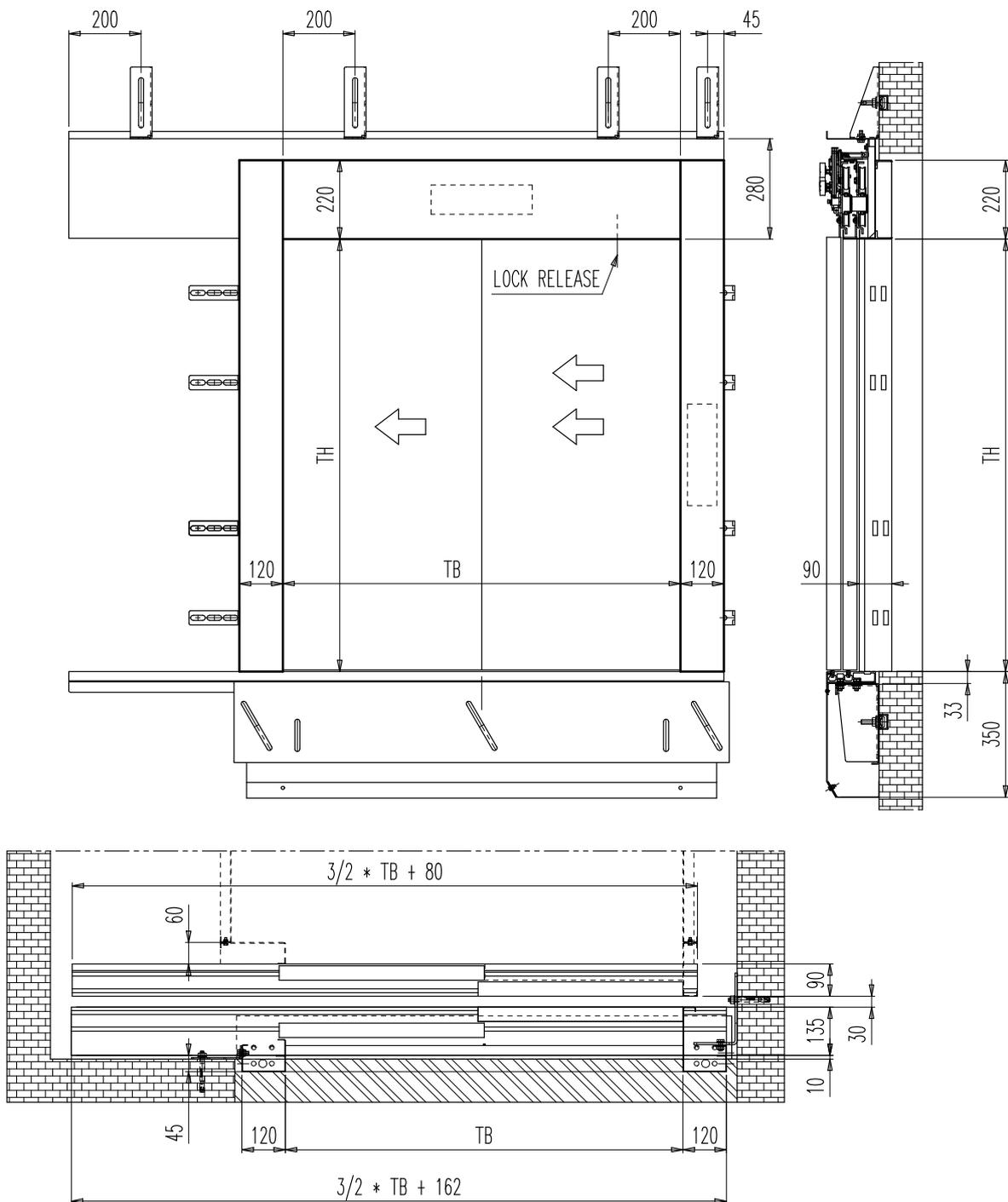
EN81

4Z execution
shown in the picture

MAIN FEATURES	STANDARD	OPTIONS
Car door locking device	EN81-20/50	EN81-1/2
Skate	Expansion	x
Motorization	See pag. 5	Brushless with AC-VVVF technology
Door controller	SDS DC PWM	Other door controllers available. Please contact our sales department.
Door panels	Single skin	Double skin / Vision panel
Detecting system	x	Static / Dynamic
Operator height	445 mm	340 mm for 2RL, 2Z and 4Z 400 mm for 3RL and 6Z
Average car door cycles per year	650.000	x
Impact robust packaging	Cardboard box Wood (ISPM15)	x

SPECIAL EXECUTION	OPTIONS
Anti-vandal execution	EN81-71
Hidden bottom track	✓ (no 3 R/L and 6Z)
Marine execution	✓

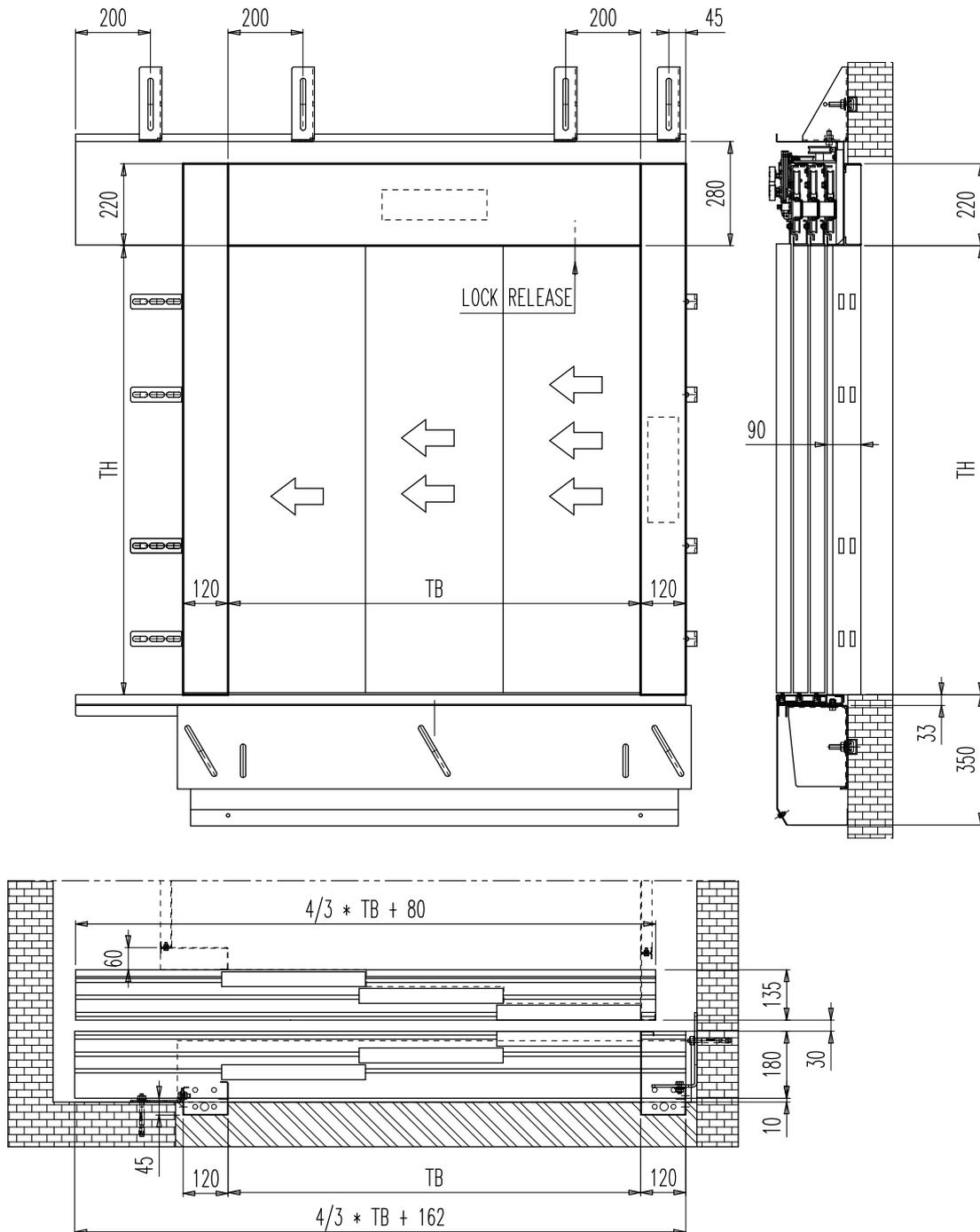
2L LAYOUT: FRONT, SIDE VIEWS AND COUPLING



NOTES

- 2L as drawing, 2R mirrored
- Setting distance: 0-20 mm: default 10 mm
- For further information see our technical catalogues

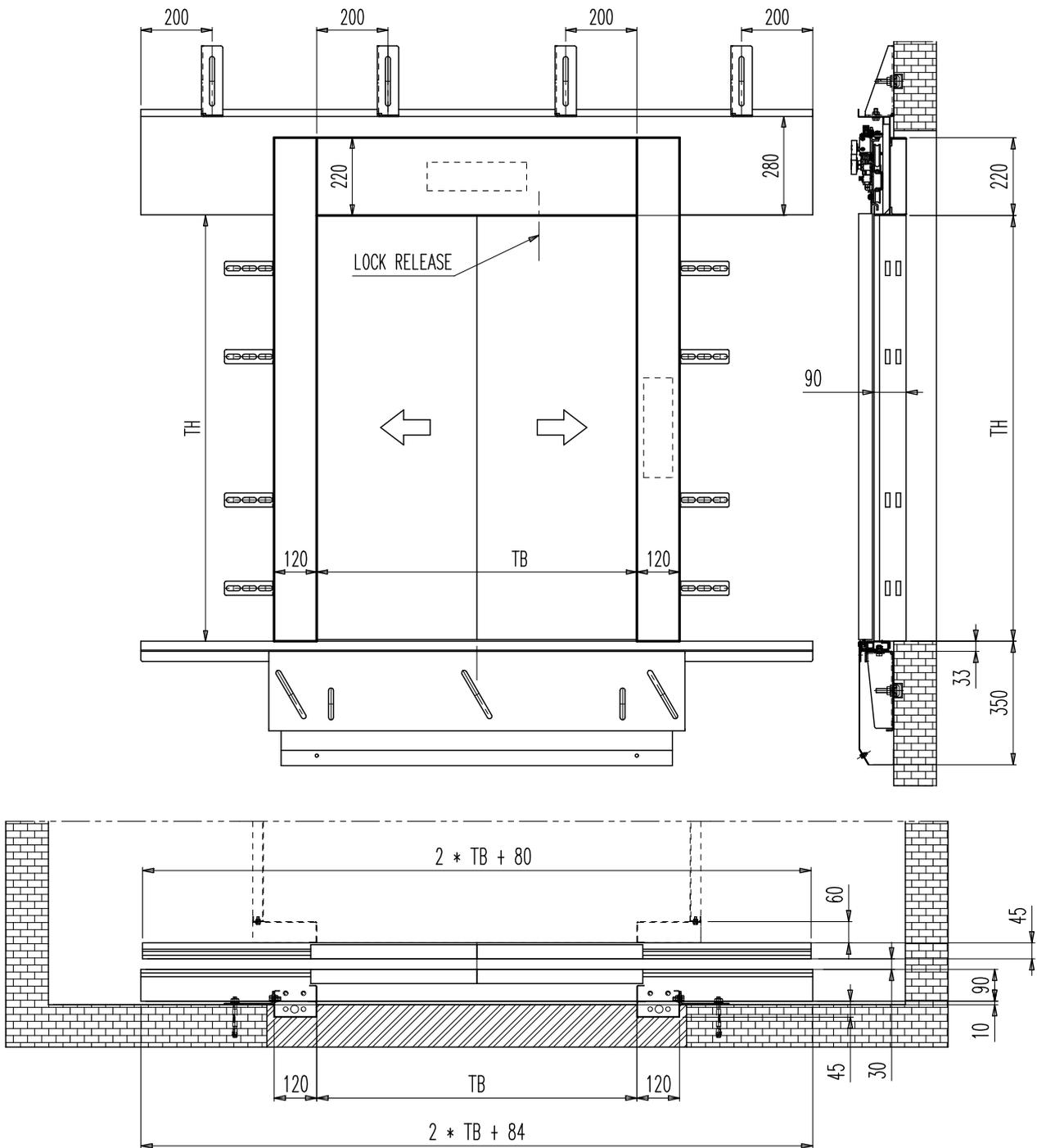
3L LAYOUT: FRONT, SIDE VIEWS AND COUPLING



NOTES

- 3L as drawing, 3R mirrored
- Setting distance: 0-20 mm; default 10 mm
- For further information see our technical catalogues

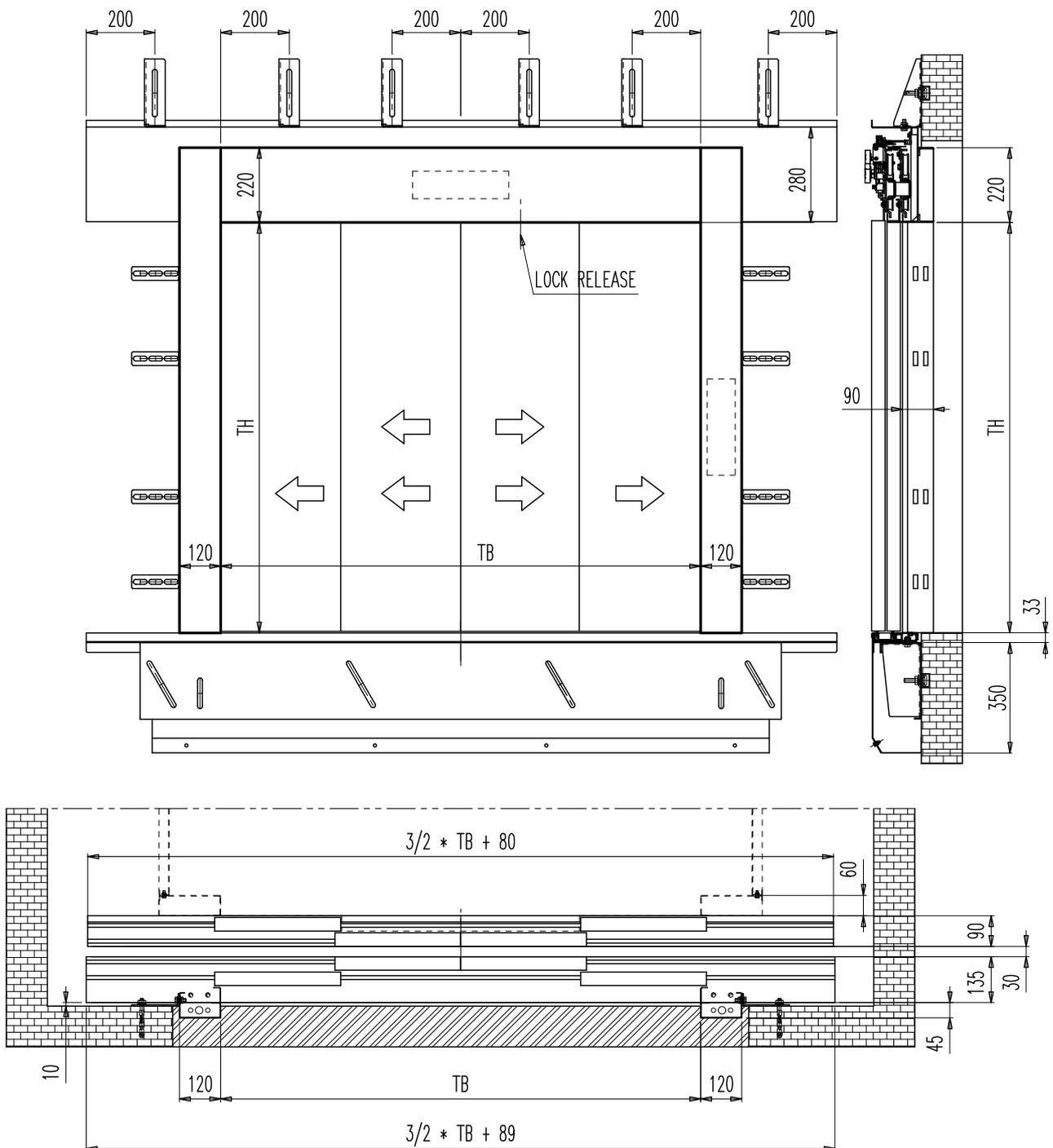
2Z LAYOUT: FRONT, SIDE VIEWS AND COUPLING



NOTES

- Setting distance: 0-20 mm; default 10 mm
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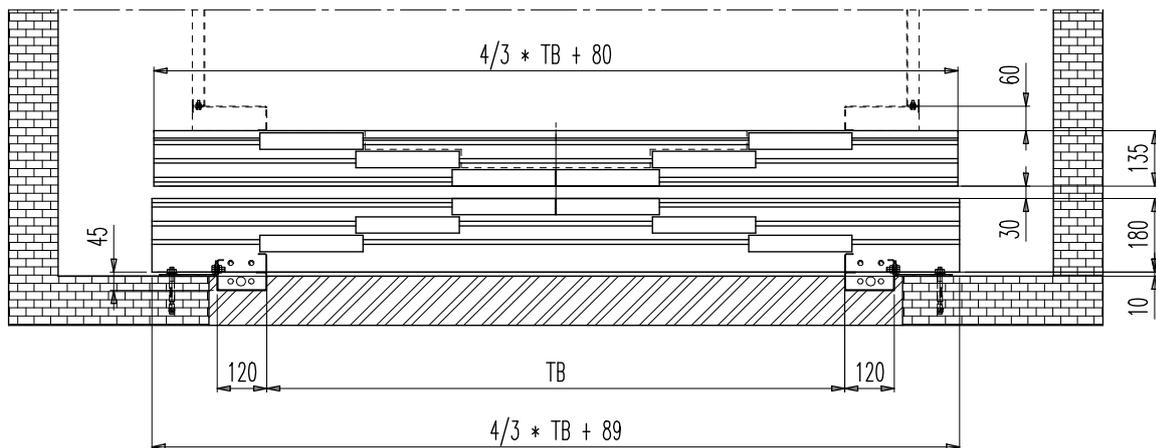
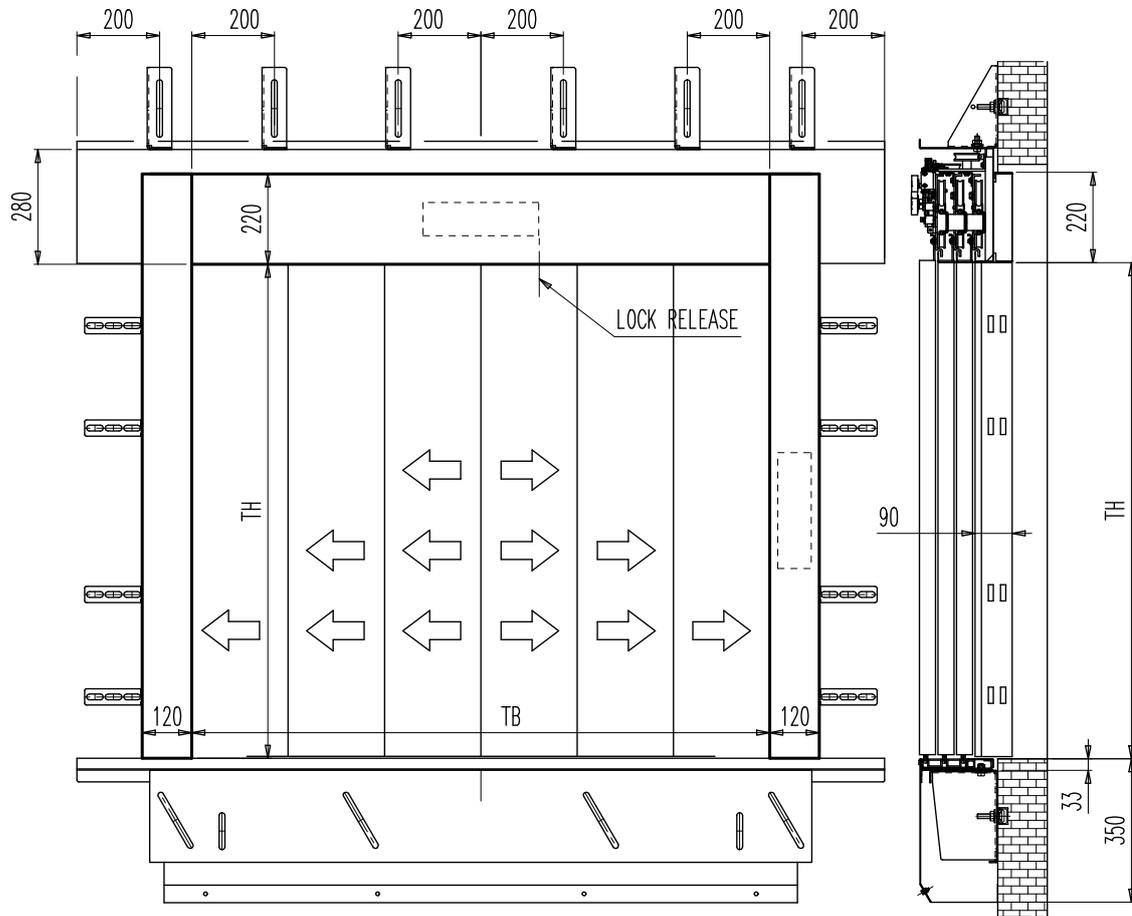
4Z LAYOUT: FRONT, SIDE VIEWS AND COUPLING



NOTES

- Setting distance: 0-20 mm; default 10 mm
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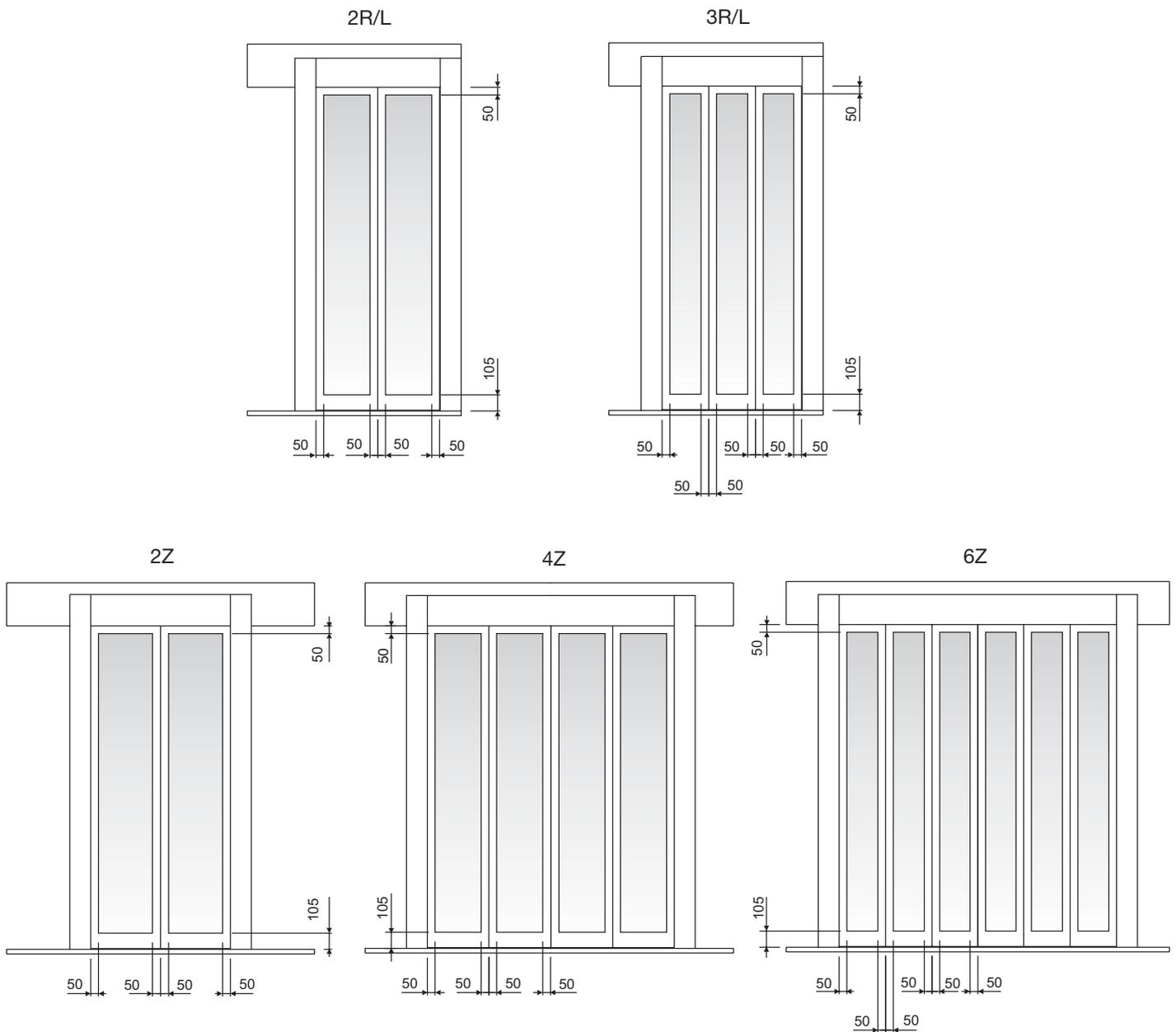
6Z LAYOUT: FRONT, SIDE VIEWS AND COUPLING



NOTES

- Setting distance: 0-20 mm; default 10 mm
- For further information see our technical catalogues

STANDARD DIMENSIONS FOR FRAMED GLASS PANELS



NOTES

- EN 81-58 and BS476 glass panels available too.
- For further information see our technical catalogues

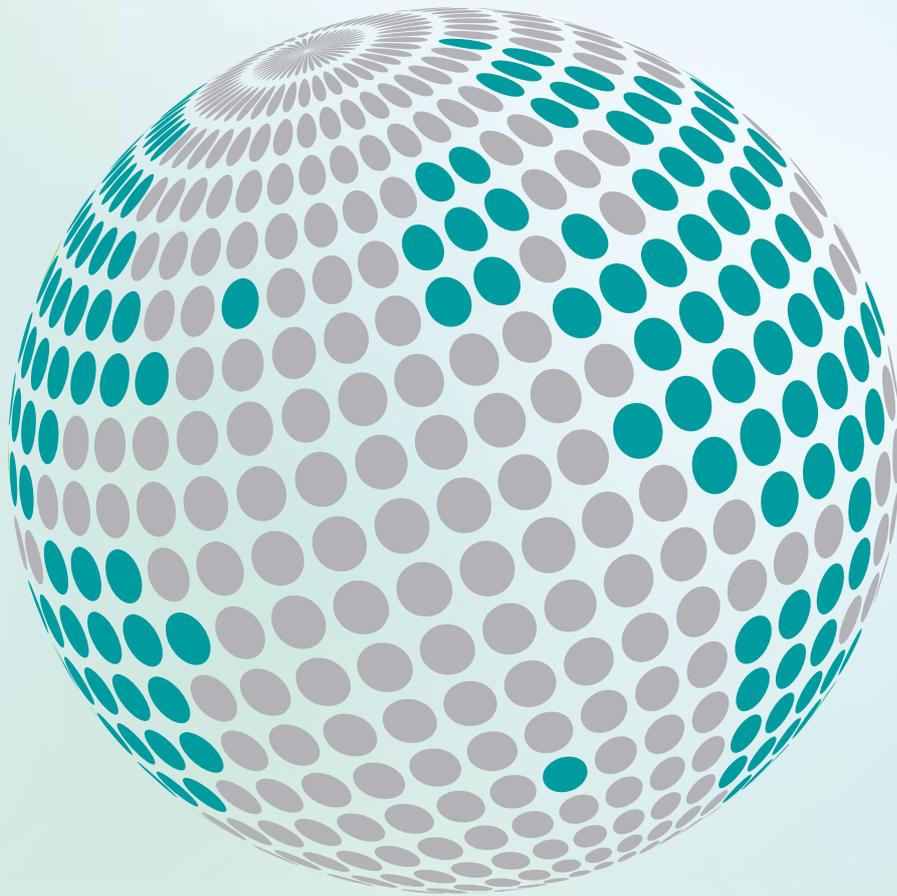




QUALITY
BY DESIGN



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MODULES AND SYSTEMS IN THE ELEVATOR INDUSTRY**



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