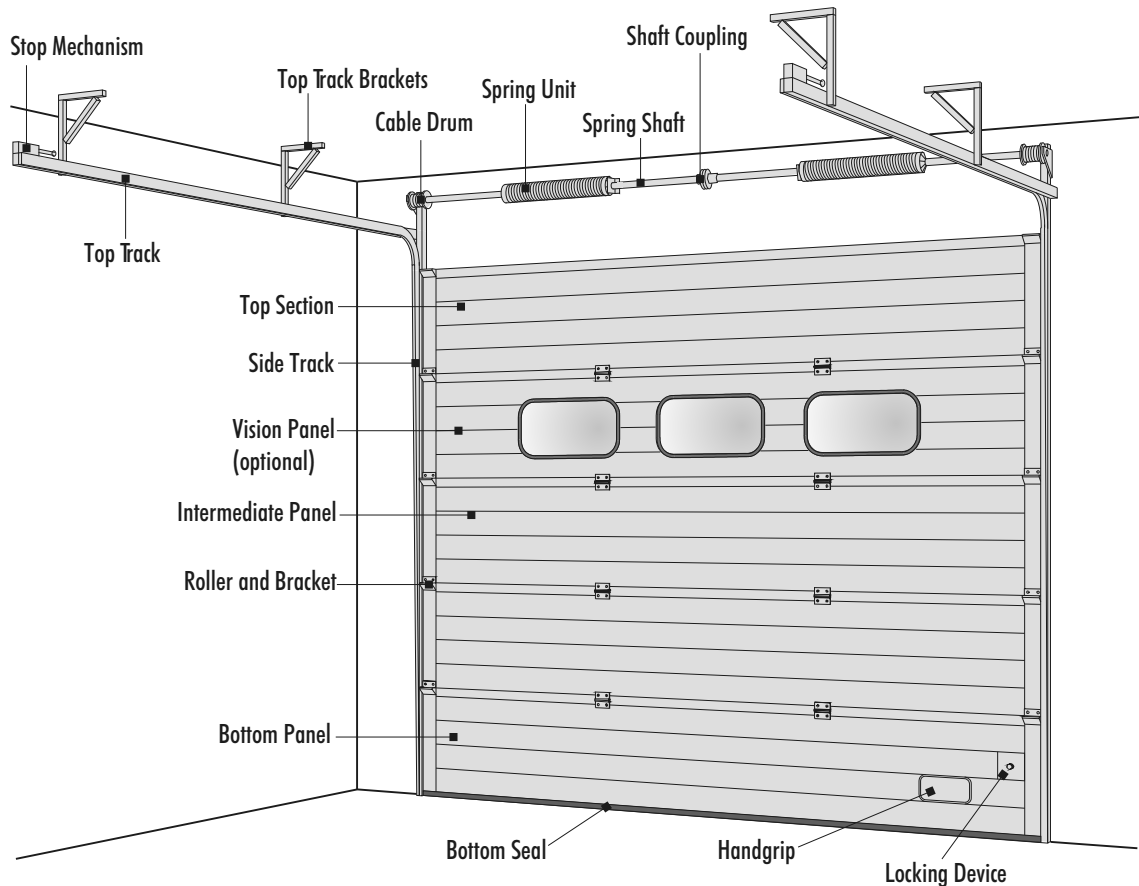


## NANI-Sectional Door. Standard Lift Model SL



### Standard Lift - SL

The SL is the most common type of track configuration particularly where space above the door opening is limited. To open the door the panels travel upwards and follow the track into a horizontal position.

The weight of the door panels are counterbalanced by the tension on the spring units.

Operation can be either by hand "push up",

handchain mechanism or if required electric motor. Seals are provided on all four sides of the door to give a good seal when the door is in the closed position.

The door panels are manufactured from either aluminium or galvanised steel. The polyurethane foam infill is CFC free.

Any number of vision panels can be provided to suit customer needs. Windows are double glazed.

**All doors with electric operation conform to safety regulation of the professional trade association for windows, doors and gates. ZH 1/494.**

Changes to specification maybe made without prior notification.

ST7-9407-E



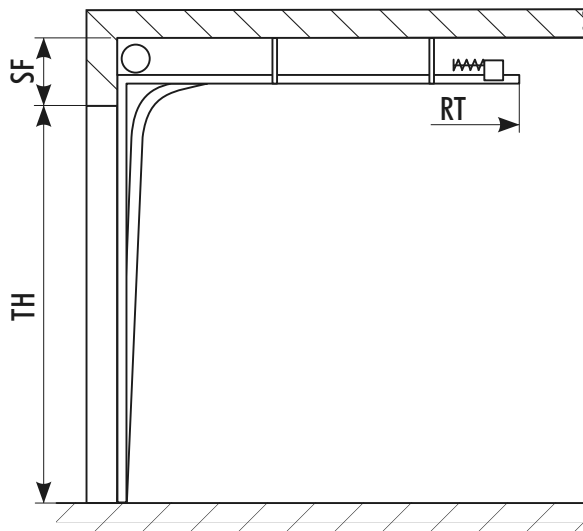
**...for optimal loading**

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# NANI-Sectional Door. Standard Lift Model SL

## Standard lift (Example)

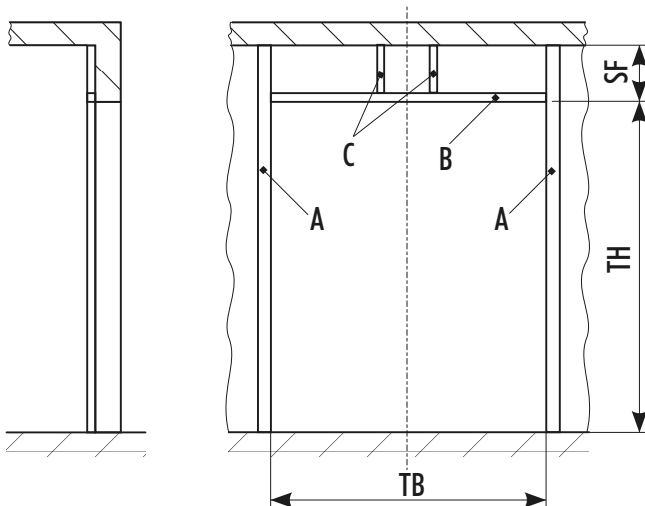


$TB = \text{max. } 10000 \text{ mm}$ , Clear opening width  
 $TH = \text{max. } 9300 \text{ mm}$ , Clear opening height  
 $SF = \text{min. } 480 \text{ mm}$ , Requirement above opening height  
 (dependant on door height)  
 $RT = TH + 550 \text{ mm}$ , Space required for top track  
 Side room required right min. 120 mm  
 Side room required left min. 120 mm

For hand chain operated doors allow an extra 180 mm sideroom. This applies to which side is chosen to operate from.

The steel door frame must be constructed to carry the weight and pressures of the door when in operation.

## Installation frame



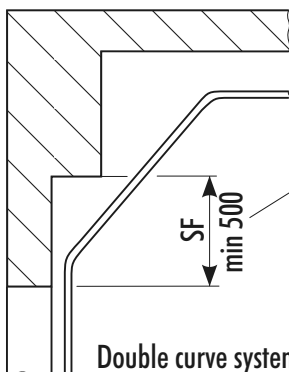
Door framework  
 Rolled steel hollow section (RHS), 80 x 40 x 2 mm

A: 2 Pieces,  $L = TH + SF$

B: 1 Piece,  $L = TB$

C: 2 Pieces,  $L = SF$  - Size dependant on door height

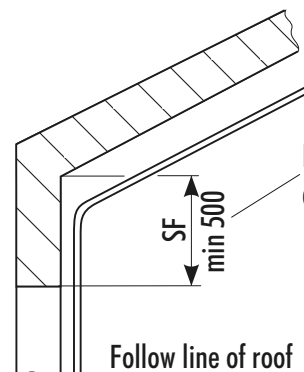
## Special track configuration



Double curve system

Dependant on door height

$SF$   
 min 500



Follow line of roof

Dependant on door height

$SF$   
 min 500

Changes to specification maybe made without prior notification.

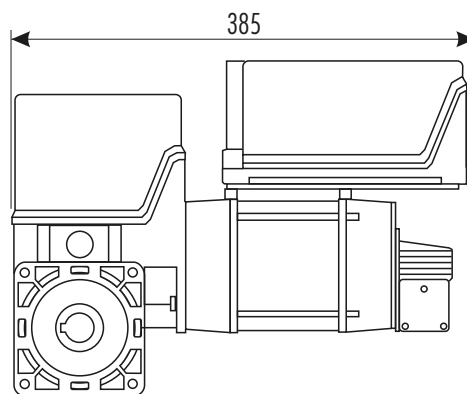
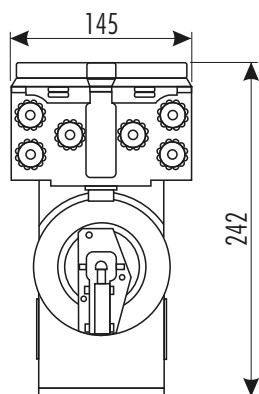
ST2-2407-E

## Nani - Sectional door. Propulsions and Types of section.

### E-Propulsion

Size SE 9.24

Propulsion gets adapted to the door-size

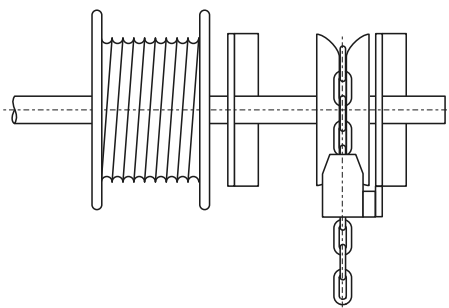


|                       |    |                      |
|-----------------------|----|----------------------|
| Hollow shaft diameter | mm | 25 / 25,4            |
| Drive torque          | Nm | 90                   |
| static holding torque | Nm | 240                  |
| Door weight upto ca.  | N  | 3000                 |
| Engine power          | kW | 0,37                 |
| Operating voltage     | V  | 3 x 230 / 400; 50 Hz |
| Control voltage       | V  | 230; 50 Hz           |

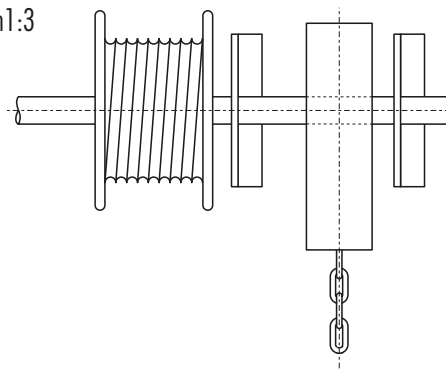
|                                       |        |                                   |
|---------------------------------------|--------|-----------------------------------|
| Engine-Nominal current                | A      | 2,1 / 1,2                         |
| Engine-On-Time                        | ED     | S3 - 60 %                         |
| Feedline /Fuse (provided by customer) |        | 5 x 1,5 <sup>2</sup> / 10 A delay |
| Continuous sound pressure level       | dB (A) | <70                               |
| Protection class                      | IP     | 54                                |
| ELEKTROMATEN-weight                   | kg     | 15                                |

### Chain drive

Direct



Transformation 1:3  
in the gearbox

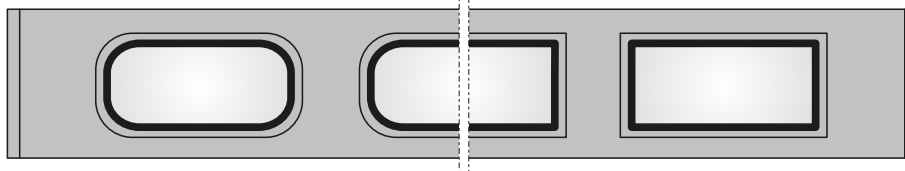


### Type of sections

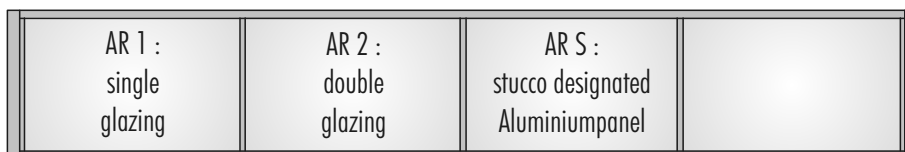
S 40  
stucco / flat  
with crimping  
RAL 9002



S 40 F / R  
oval windows  
S 40 F / E  
rectangular windows



AR  
Alu-Frame-  
Sections



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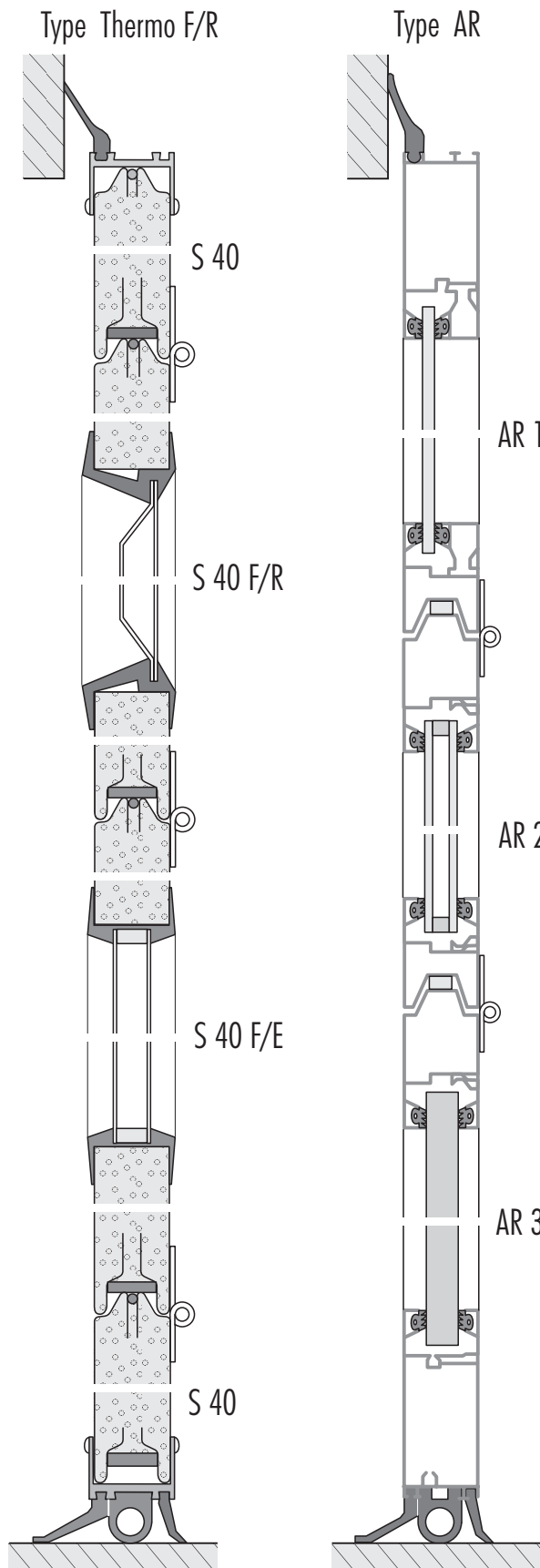
ST1-9804-E

**Nani**  
VERLADETECHNIK

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| section type | K-value (W/m <sup>2</sup> °C) | db-value (db) |
|--------------|-------------------------------|---------------|
| S 40         | ~0,47                         | ~22           |
| S 40 F       | ~0,75                         | ~19           |
| AR           | ~2,60                         | ~15           |

## Upper sealing

All doors have a top sealing strip in a fastener. This fastener can be delivered in different versions.

Protects the upper section.

## Section sealing

Between the sections is a strong rubber bar mounted. The solutions guarantees an optimal sealing against the wind as well as against driving rain.

## Bottom sealing

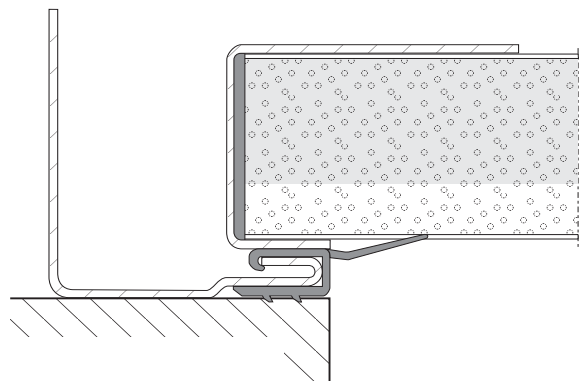
The door has a special rubber profile with three sealing-lips.

Furthermore serves this bottom sealing as pressure-wave-contact-strip for the E-propulsion.

## Side sealing

All insulated doors have a combined guide rail/sealing lip.

It guarantees a maximum sealing and a frictionless function.



Changes to specification maybe made without prior notification.

S10-2804-E