

# carTeck® Sectional Door GSW 20-S and Sectional Door GSW 20

double-skinned steel door panels 40/20 mm, **GSW 20** optionally with glazing



## Text example

Compile and tender according to requirements.  
Please refer to Technical Data below for respective details  
Updated 01.01.2009

Position	No. of pieces	Item	Unit price €	Total price €
		Garage sectional door, door leaf consisting of double-skinned steel door panels, galvanized surface, PUR foam core. Building depth 40/20 mm, outside woodgrain, inside stucco design. Outer colour traffic white similar to RAL 9016, inner colour grey white similar to RAL 9002. Door sections with central seal and floor seal. Frame with lateral strips. All fittings made of galvanized steel, lateral guidance via maintenance-free, adjustable rollers. Weight compensation via multiple spring/double cable system, tension springs housed in a spring duct above the horizontal runner rails. "CarTeck GSW 20" or equivalent.		



## Technical data

**Product:** Garage sectional door **GSW 20**  
Garage sectional door **GSW 20-S**

**Heat insulation U-value:**  
1.0 W/m<sup>2</sup>k (40/20 mm panel)  
1.2 W/m<sup>2</sup>k (only door leaf)  
1.73 W/m<sup>2</sup>k (complete door, door surface 10 m<sup>2</sup>)

**Installation in:**

- Masonry
- Concrete
- Autoclaved aerated concrete
- Wooden framework


**Dimensions:**

Width: 2250 – 5000 mm  
Height GSW 20: 1875 – 3000 mm  
Height GSW 20-S: 2000 – 2250 mm

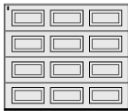
**Type of handling:**

- Behind the soffit

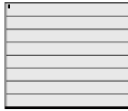
**Door leaf:** Door leaf made of individual double-skinned door sections including central seal with the same partitioning, galvanized sheet steel. Finger pinch protection inside and outside in acc. with DIN EN 12604. Building depth of the sections 40/20 mm  
Insulation: Polyurethane foam core



with ribbed



Georgian/Cassette  
(only GSW 20)



center ribbed  
(only GSW 20)

**Surface:**

- **GSW 20-S**  
Outside: Woodgrain design  
Inside: Stucco design
- **GSW 20**  
Outside: Woodgrain design, stucco design, smooth  
Inside: Stucco design

Bottom door edge:

- Frost-proof and rot-proof EPDM floor seal

**Fittings:**

- All fittings made of galvanized steel
- Laterally adjustable rollers due to patented eccentric roller retainer, maintenance free

**Standard version**

- Special connecting console for rail-guided drives
- Prepared for emergency release (required if there is no other entry to the garage)

**Special version**  
With manual locking mechanism (up to door width 5000 mm) on request.

**Frame:** Profile frame with header trim made of sendzimir galvanized sheet steel, EPDM strip with sealing lip at the sides and header trim.

**GSW 20-S:** Galvanized frame  
**GSW 20:** Coil-coated with polyester, prime coated traffic white similar to RAL 9016.

**Locking:** On request with automatic, double-sided engaging special lock. Round handle set and profile cylinder for manual operation. Handle at the bottom profile.

**Weight compensation:** Via a multiple tension spring/double cable system housed in a micro-profiled spring duct above the horizontal runner rail.

**Surface protection**

**GSW 20-S:** Galvanized door leaf inner surface with additional protective film. **Standard colour** outside in traffic white similar to RAL 9016, inside galvanized with transparent protective film (similar to sendzimir galvanized). Galvanized steel parts, galvanized springs.

**Surface protection GSW 20:** Basic coat on door outer surface, double coat on the outside (polyester-based 25 µm), single coat on the inside (polyester-based 10 µm). **Standard colour** outside traffic white similar to RAL 9016, inside grey white similar to RAL 9002. Galvanized steel parts, springs with basic coat of paint.

Special equipment:  
Additionally prime coated in trend colour and RAL of your choice. Pearl-effect, fluorescent and metallic colours are only possible after individual clarification.

**Drive:**

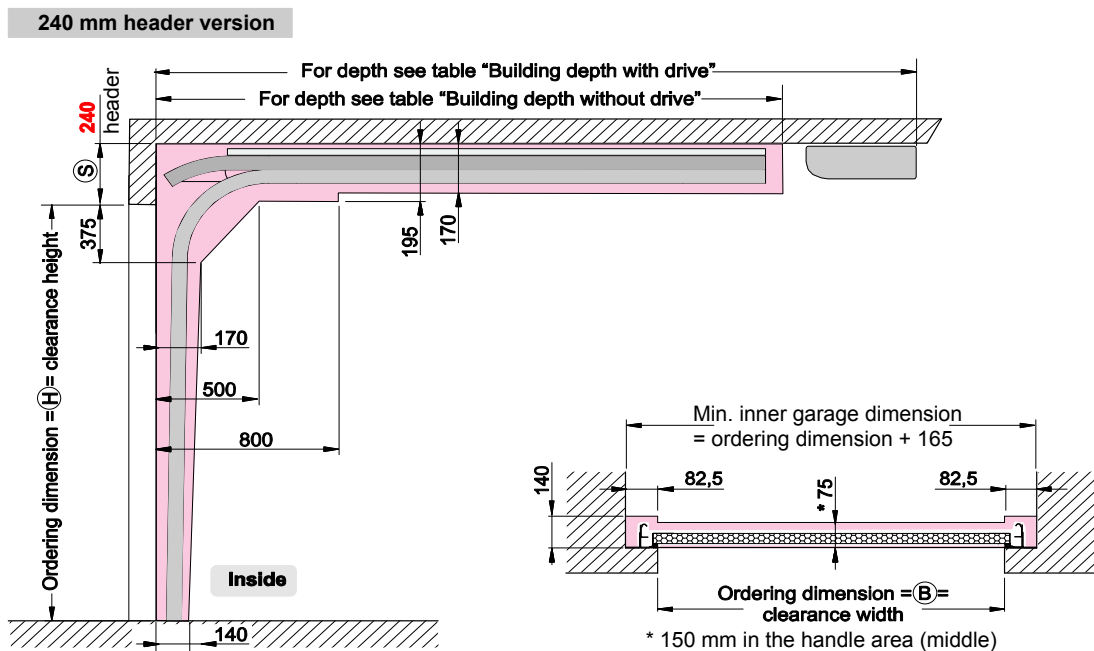
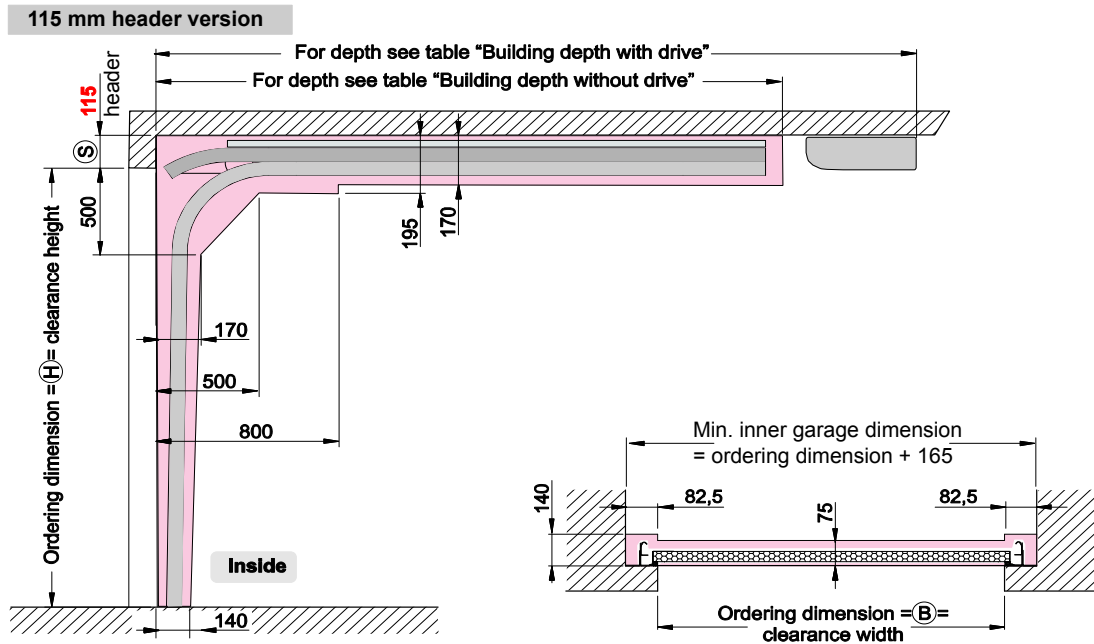
- Microprocessor-controlled drive, rail-guided, 230 V, 50 Hz
- Control: Impulse control with self-programming force limiter  
Soft start and stop
- Digital remote control  
Can be extended with other control units

**Glazing GSW 20:** Special equipment:

- Glazed strip made of aluminium profiles across the entire door width (separate section)  
Cold profile (not heat insulated)  
Material AL-MG-SI 0.5 E 6/EV 1 anodized
- SAN double glazing 16 mm,  
Clear or crystal structure, glazing strip with seals. Window size approx. 540 x 200 mm, rectangular, (white polyurethane frame with wooden structure, in trend colour or the door leaf colour in acc. with RAL colour chart)

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double-skinned steel door panels 40/20 mm, **GSW 20** optionally with glazing



## Dimensions for 140 mm and 265 mm header versions

Please observe the following measurement details to guarantee exact assembly and precise and reliable operation of the CarTeck sectional garage door.

- Ⓑ Clearance width (= ordering dimension)
- Ⓗ Clearance height (= ordering dimension)

The clearance height corresponds to the distance from the upper edge of the floor to the lower edge of the header  
When planning, please consider the distance will be reduced due to the application of screed or asphalt

Equipment:	Required headroom:	Clearance opening height:
with drive	115 mm	standard version
Manual operation	240 mm	standard version
Manual operation	115 mm	Special version
Manual operation	115 mm	Special version with door stopper (see accessories GSW doors)
with drive	240 mm	Special version with pack – 125 mm extended top roller retainers (see accessories GSW doors)

Ⓢ For doors with reinforced roller retainers the required headroom increases by +25 mm

# carTeck® Side Doors Garage Sectional Door

outer surfaces to match

GSW 20-S / GSW 20 / GSW 40 and  
GSW 40 - "Golden Oak" - "Mahogany" - "Dark Oak"



## Text example

Compile and tender according to requirements.  
Please refer to Technical Data below for respective details  
Updated 01.01.2009

Position	No. of pieces	Item	Unit price €	Total price €
		Garage side door, matches garage sectional door GSW 40, door leaf frame and door frame made of extruded aluminium profiles (no thermal separation), building depth 65 mm, 3-sided double rabbet seal, sliding threshold seal. Door filling made of double-skinned steel door panels, outside woodgrain, inside stucco design, made of galvanized sheet steel, PU foam core. Alignment of the door filling is only possible for a door of the same height. "CarTeck side door type GSW 40" or equivalent.		



## Technical data

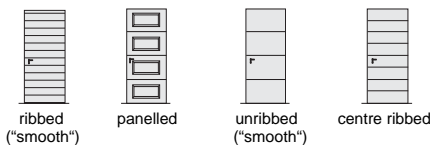
**Product:** Side doors for GSW 40 / GSW 20 / GSW 20-S and GSW 40 - "Golden Oak" - "Mahogany" - "Dark Oak"

- Installation in:**
- Masonry
  - Concrete
  - Autoclaved aerated concrete
  - Steel construction
  - Wooden framework

**Dimensions:** Width: 875 – 1400 mm  
Height: 1925 – 2550 mm

- Type of handling:**
- Please always specify when ordering:**
- Behind the opening / inward opening
  - In the opening / inward opening
  - In the opening / outward opening

**Door leaf:** Appearance matches CarTeck garage sectional door GSW 40, door leaf frame and frame made of extruded aluminium profiles (no thermal separation), building depth 65 mm, 3-sided double rabbet seal. Sliding threshold seal. Door filling made of double-skinned steel door panels, outside woodgrain, inside stucco design, made of galvanized sheet steel, PU foam core. Alignment of door panels, ribs and panels only possible with doors of the same height.



Surface:

- Outer surface woodgrain design
- Inner surface stucco design

Seals:

- Frost-proof EPDM bottom sliding seal

**Door frame:** Made of extruded aluminium profiles, mitred at the top on both sides, Building depth 53 mm, bottom threshold 4 mm (can be removed if required).

**Fittings and locks:**

- Mortice lock with profile cylinder
  - Plastic handle set, profile cylinder version
  - Adjustable hinges
- Special equipment:  
Side door fitted with triple locking

### Surface protection:

Matches CarTeck garage sectional door. Door leaf frame and frame coated on the outside in colour of the door filling, powder coated inside in traffic white.

"Golden Oak" = door leaf frame + frame in sepia brown. "Mahogany" = door leaf frame + frame (colour adapted). "Dark Oak" = door leaf frame + frame in sepia brown.

### Door filling:

Door panels made of galvanized sheet steel with polyurethane basic coating on both sides.

### Outside:

- Standard traffic white similar to RAL 9016, trend colours or RAL of your choice, similar to the RAL colour chart. Version GSW 40 "Golden Oak", "Mahogany", "Dark Oak": Steel sections with UV-resistant, thermoplastic surface film in attractive designs.

### Inside:

- Grey white, similar to RAL 9002

### Safety instructions:

(Avoid dark colours for doors subject to direct sunlight, since cracks and warpage of the door leaf cannot be completely prevented.)

Not available in pearl-effect, fluorescent and metallic colours.

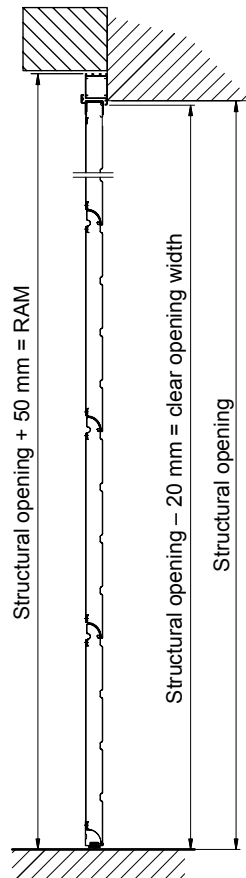
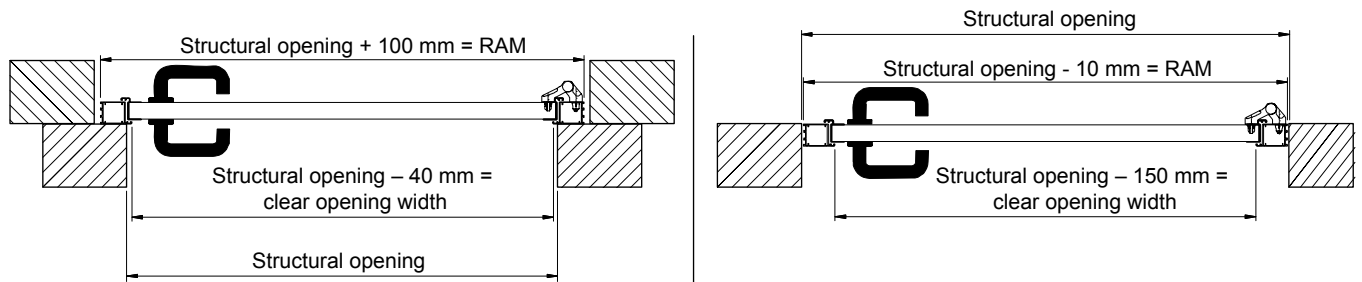
### Glazing:

- Glazed strip made of aluminium profiles, anodized, over the entire door width (separate section), SAN double glazing 16 mm, clear or crystal structure. Glazing strip with seals. Other colours or powder coating in acc. with RAL possible.
- Glazing for panelled, ribbed, centre ribbed, unribbed door (white polyurethane frame with wooden structure) in various versions (see dealer price list) Glazing: SAN double glazing 16 mm clear or crystal structure on the inside.
- Stainless steel round glazing Ø 305 mm (only possible for GSW 40 unribbed/unribbed "smooth") 1 pane of ESG glazing colourless and clear.
- Panelled (Georgian/cassette) • Pure

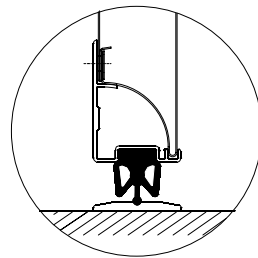
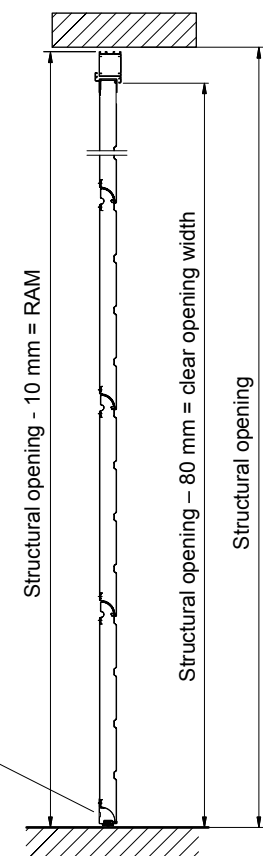
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outer surfaces to match

GSW 20-S / GSW 20 / GSW 40 and  
 GSW 40 - "Golden Oak" - "Mahogany" - "Dark Oak"

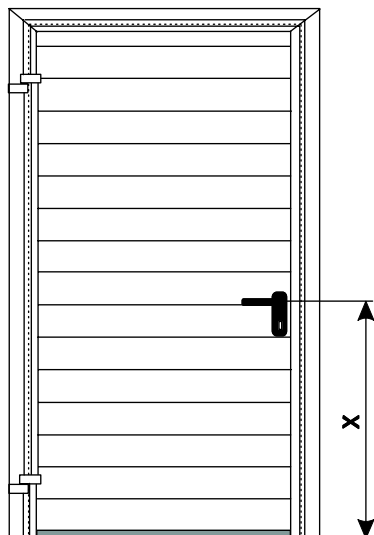


**Note: Overall frame dimension = Ordering dimension**



**Installation behind the soffit only inward opening**

**Installation in the soffit inward and outward opening**



Door height	Height of the sections	Dimension X (handle)
2500 mm	491 mm	935 mm
2375 mm	468 mm	1140 mm
2250 mm	554 mm	1035 mm
2125 mm	522 mm	985 mm
2000 mm	491 mm	935 mm
1875 mm	468 mm	1140 mm