



## High-speed Roller Shutter *ThermoTeck „Speed“*

galvanized steel profiles, double-skinned / medium opening speed up to 1500 mm/sec.

### Text example:

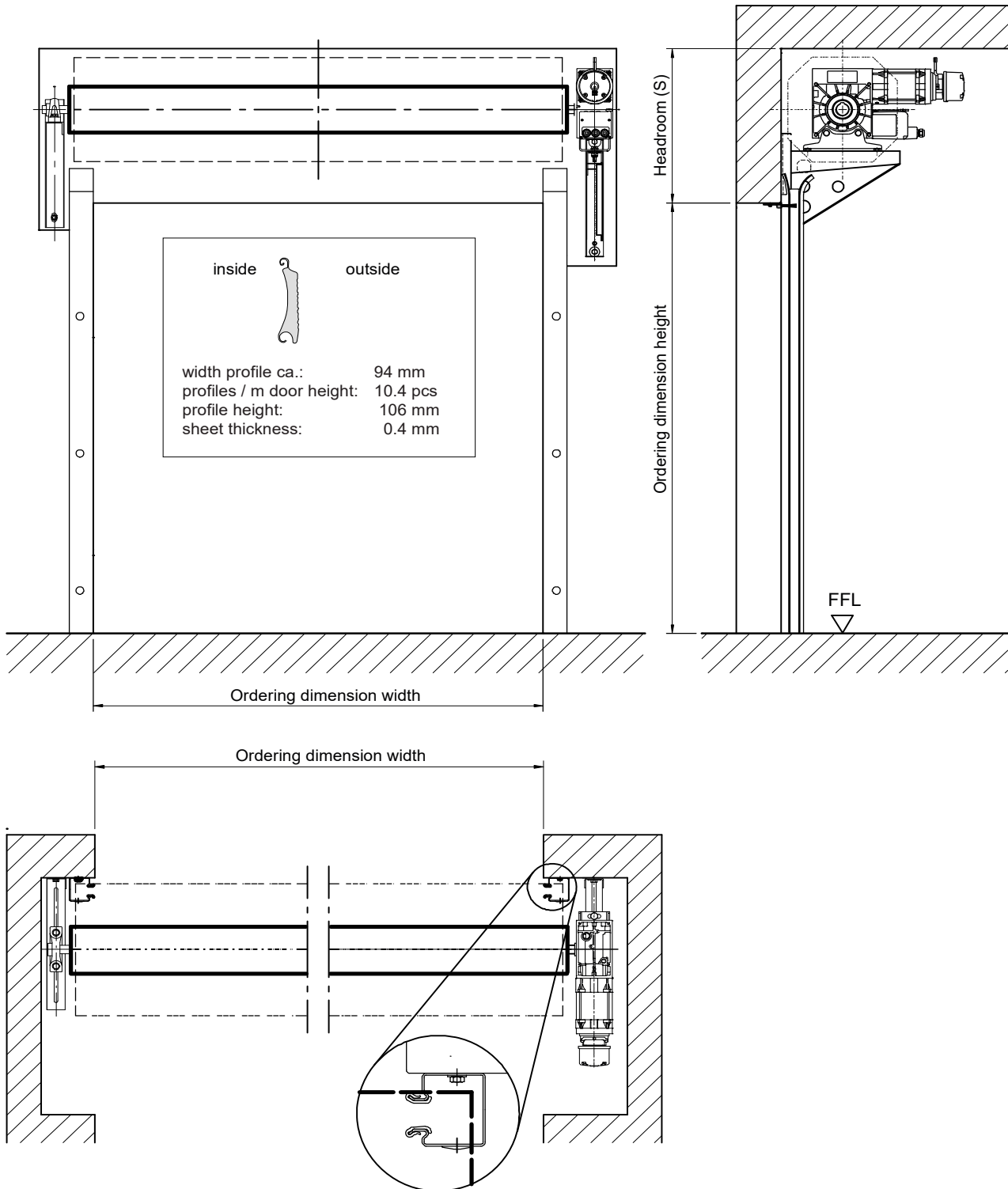
High-speed Roller shutter, double-skinned, insulated, made of steel profiles, galvanized consoles. Resistance to wind load in accordance with EN 12424 class 2. With header seal and prime coated winding shaft. Make: Teckentrup or equivalent. High-speed Roller Shutter, steel profiles, double-skinned. Drive: direct mount drive 400 V (three-phase voltage), IP54, 20 cycles (Open/Close) per hour, with emergency crank handle, intergrated anti-drop device, TÜV tested, maintenance-free. Control: in the basic version, with pulse control, soft start and soft stop (application: fast running roller doors). Integrated main switch with CEE plug . Installation: behind the opening, all fixing material, matching the building structure will be attached.

Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.03.2023

### Technical data

<b>Product</b>	<b>High-speed Roller shutter</b> (profiles made of galvanized steel, double-skinned). Maximum opening speed up to 1500 mm/sec. factory-set at 1000 mm/sec. ▪ <b>durability test</b> Standardised durability test with 200.000 opening and closing cycles (roller door with drive)		<b>Header seal</b>	As standard, except for doors with ventilation grilles, louvers or other types of ventilation.
<b>Installation in</b>	Walls made of		<b>Consoles</b>	Made of galvanized steel. If desired, with sound insulation in acc. with DIN 4109
	▪ Masonry	min. 120 mm	<b>Drive</b>	Direct mount drive with integrated anti-drop device or chain drive with separate anti-drop device and electric forced disconnection, (three-phase volt.) 400V, 50Hz, 20/30 cycles*, degree of protection IP54, with emergency crank handle, TÜV tested. Other special voltages, degrees of protection or types of emergency operation on request. * A cycle is a complete closing and opening operation of the door.
	▪ Concrete	min. 150 mm	<b>Control</b>	For direct mount drives, with with pulse control (Control method for frequency inverter), soft start and soft stop. Fully wired ready for use an with CEE-plug.
	▪ Steel			
	▪ Autoclaved aerated concrete only with steel frame	min. 200 mm		
	▪ Wood	min. 240 mm		
<b>Dimensions</b>	Ordering dimensions			
	width:	2.000 - 9.750 mm		
	height:	2.550 - 8.750 mm		
<b>Resistance to wind load (EN 12424)</b>		up to width		
	▪ class 1 in <b>standard</b>	<b>9.750 mm</b>		▪ Radio control optional
	▪ class 2 in <b>standard</b>	<b>8.000 mm</b>		Accessories for control units:
	▪ class 3 in <b>standard</b>	<b>5.000 mm</b>		▪ Auto. closing
	▪ class 3 available (add.price)	<b>7.000 mm</b>		▪ Traffic light control/Two-way traffic
	▪ class 4 available (add.price)	on request		▪ Induction loop
	Roller shutter for external use min. requirement WL 2 (EN12424)			▪ With self-monitoring light curtain. Safety-low control voltage 24V, IP 65, "close door" and "open door" in self-locking mode with push buttons "open-stop-close".
<b>Door curtain</b>	Door curtain, consisting of hinge-like interconnected galvanized steel profiles.			
<b>Profiles</b>	▪ Double-skinned steel, 94 mm wide			
<b>Surface</b>	▪ Galvanized steel ▪ Coil-coated steel ▪ Prime coated steel			
<b>Glazing</b>	Synthetic glazing, crystal clear approx. 150 mm x 55 mm.			
<b>Bottom seal</b>	Double-skinned box profile made of aluminium with permanently elastic and frost-proof EPDM profile hose seal for a sealed bottom door edge.			
<b>End caps</b>	Robust, wear and corrosion-free plastic parts for fixing the profiles.			
<b>Wind hooks</b>	For high wind loads and/or large widths the doors are equipped with wind hooks and a reinforced bottom seal.			
<b>Guide rails</b>	Robust steel profiles with wear-proof, easy-to-change plastic guides.			
<b>Winding shaft</b>	Prime coated steel tub, with welded-in shafts on both sides for drive, anti-drop or bearing seat.			
<b>▪ Heat insulation</b>	U-value tested in acc. with EN ISO 12567-1 (for dim. = 4000 x 4000 mm) U W/(m²·K) (complete door): 3,5 W/(m²·K)	<b>▪ Sound insulation</b> RW (tested) 20 dB	<b>▪ Air permeability</b> classification in acc. with EN 12426 class: 0 <b>▪ Resistance to wind load (R<sub>twl</sub>)</b> class. in acc. with EN 12424 class: 2/3	<b>▪ Resistance to water penetration</b> tested in acc. with EN 12489, classification in acc. with EN 12425 class: 0

further installation details see associated installation instructions



**Further documents:**

The exact dimensions for the lateral buffers and the header buffer can be found in our installation data for roller shutters and roller grilles. It contains individually dimensioned assembly drawings for each door. Please contact us for exceptional handling.