

# Roller Shutters with Electric Drive



## Text example

Compile and tender according to requirements.  
Please refer to Technical Data below for respective details.  
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Position	No. of pieces	Item	Unit price €	Total price €
		Roller shutter, double-skinned, insulated, made of coated steel profiles, galvanized consoles. Resistance to wind load in accordance with DIN 1055 T4. With header seal and prime coated winding shaft.		
		<b>Make:</b> Teckentrup or equivalent. Roller shutter ThermoTeck, steel, double-skinned. <b>Drive:</b> Direct mount drive 400 V (three-phase voltage), IP54, emergency crank handle, integrated anti-drop device, TÜV tested, maintenance-free. <b>Control:</b> AS 210 in the basic version, control voltage 24 V (safety low voltage), degree of protection IP65, "door closed" in deadman mode (permanent pressure), with push buttons "open-stop-closed", fully wired ready for use and with CEE plug. <b>Installation:</b> Behind the opening, on concrete, all fastening elements - suitable for the structure material - are supplied. <b>Ordering dimensions:</b> _____mm wide and _____mm high. Wall and header thickness (concrete _____mm / masonry _____mm), headroom _____mm, sideroom right-hand _____mm, left-hand _____mm. <b>Ordering details:</b>		



## Technical data

<b>Product:</b>	<b>Roller shutter</b> (sections made of galvanized steel or aluminium, single and double-skinned).	<b>Header seal:</b>	As standard on the outside for doors with ventilation grilles, louvers or other types of ventilation.
<b>Installation in:</b>	Walls made of: <ul style="list-style-type: none"> <li>Masonry min. 120 mm</li> <li>Concrete min. 150 mm</li> <li>Steel</li> <li>Autoclaved aerated concrete min. 200 mm only with steel frame</li> <li>Wood min. 240 mm</li> </ul>	<b>Consoles:</b>	Made of galvanized steel. If desired, with sound insulation in acc. with DIN 4109
<b>Dimensions:</b>	Ordering dimensions Width: 1000 – 12000 mm Height: 1000 – 12000 mm Larger doors on request.	<b>Locking:</b>	All locks connected to the door control unit via safety switches. <ul style="list-style-type: none"> <li>Bottom seal can be locked on the inside via two locking rods</li> <li>Bottom seal can be locked on the inside and outside via two locking rods</li> <li>Night latch on the inside (is locked via a padlock)</li> <li>Other types of locking mechanism on request</li> </ul>
<b>Door curtain:</b>	Door curtain, consisting of hinge-like interconnected galvanized steel or aluminium profiles.	<b>Drives:</b>	Direct mount drive with integrated anti-drop device or chain drive with separate anti-drop device and electric forced disconnection, (three-phase voltage) 400 V, 50 Hz, degree of protection IP 54, with emergency crank handle in acc. with ZH 1/494 Point 4.4.3, TÜV tested and maintenance-free. Other special voltages, degrees of protection or types of emergency operation available on request.
<b>Profiles:</b>	<ul style="list-style-type: none"> <li>Single-skinned aluminium: Width 6010: 93.2 mm</li> <li>Double-skinned aluminium: Width 4020: 100.0 mm</li> <li>Single-skinned steel: Width 6010: 93.2 mm</li> <li>Double-skinned steel: Width ThermoTeck: 93.5 mm</li> </ul>	<b>Controls:</b>	For direct mount and chain drives, fully wired ready for use and with CEE plug. The basic version of AS 1.3 can be locked and used as a deadman control, can be easily retrofitted with: <ul style="list-style-type: none"> <li>Self-locking "CLOSE" in connection with a safety edge mechanism</li> <li>Radio control.</li> <li>Automatic closing (with traffic light)</li> </ul>
<b>Surface:</b>	<ul style="list-style-type: none"> <li>Galvanized steel</li> <li>Coil-coated steel (only ThermoTeck)</li> <li>Plain aluminium.</li> <li>Coil-coated aluminium in accordance with RAL Single-skinned profile coated with protective paint on the inside.</li> </ul>		Accessories for control units: <ul style="list-style-type: none"> <li>Automatic closing (with traffic light) (additional photocells in the door travel area are recommended).</li> <li>Traffic light control/Two-way traffic</li> <li>Digital induction loop.</li> </ul>
<b>Window openings:</b>	<ul style="list-style-type: none"> <li>4020 aluminium-synthetic glazing, crystal clear 150 mm x 50 mm.</li> <li>Ventilation via 6010 perforated grille profile with approx. 30% ventilation cross section (only aluminium).</li> <li>ThermoTeck synthetic glazing, crystal clear 150 mm x 55 mm.</li> </ul>		Without safety edge mechanism Basic version of AS 1.3, control voltage 24 V (safety low voltage), degree of protection IP 54, "Door closed" in deadman mode (permanent pressure), push buttons "Open-Stop-Closed". With safety edge mechanism AS 1.3 with self-monitoring, electro-mechanical safety edge mechanism, control voltage 24 V (safety low voltage), degree of protection IP 54, "Door closed" and "Door open" in self-locking mode with push buttons "Open-Stop-Closed".
<b>Bottom seals:</b>	Double-skinned box profile made of mill-finish aluminium With permanently elastic and frost-proof EPDM profile hose seal for a sealed bottom door edge	<b>Special equipment:</b>	Permanent side part with integrated door. Pivoted side part with integrated door. Roller box made of: <ul style="list-style-type: none"> <li>galvanized sheet steel</li> <li>natural aluminium</li> <li>Other versions on request</li> </ul>
<b>End caps:</b>	Robust, wear and corrosion-free plastic parts for fixing the profiles.		Sloping bottom profile, aligned to the floor. Side or roof installation
<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>Further documents:</b>	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 special types of handling.
<b>Guide rails:</b>	Robust steel profiles with wear-proof, easy-to-change plastic guides. Depth of the guide rail in acc. with DIN 18358.		
<b>Winding shaft:</b>	Prime coated steel tube in acc. with DIN 2458, with welded-in shafts on both sides for drive, anti-drop or bearing seat.		

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