



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. Drive: Direct mount drive 400 V (three-phase voltage), IP54, emergency crank handle, intergr. Anti-drop device, TÜV tested, maintenance-free, 60% ED. Control: Frequency inverter control unit CS 300 FI, microprocessor control with absolute encoder. Soft start-up and soft stop. Integrated main switch. 3 potential free contacts available. Control unit pre-wired with CEE plug and 1m cable. Installation: Behind the opening, on concrete, all fastening elements, suitable for structure material, are supplied

(Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 1. July 2017.)

Technical Data

| Product | High-speed Roller shutter | |
|-----------------|--|---|
| | (Profiles made of galvanized steel, double - skinned, medium opening speed up to 550 | |
| | mm/sec. | |
| | Heat insulation | |
| | U-value tested in acc. with EN | I ISO 12567-1 |
| | (for dim. = 4000 x 4000 mm) | 0.5.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| | U W/(m²•K) (complete door): Sound insulation | 3,5 W/(m ² •K) |
| | RW (tested) | 20 dB |
| | Air permeability | 2006 |
| | classification in acc. with EN | 12426 class: 0 |
| | Resistance to wind load | 12420 01000.0 |
| | classification in acc. with EN | 12424 class: 2 |
| | Resistance to water penetra | ition |
| | tested in acc. with EN 12489, | |
| | classification in acc. with 1242 | 25 class: 0 |
| Installation in | Walls made of | |
| | masonry | min. 120 mm |
| | • concrete | min. 150 mm |
| | steel | |
| | autoclaved aerated concrete | min. 200 mm |
| | only with steel frame | |
| | ■ wood | min. 240 mm |
| Dimensions | Ordering dimensions | |
| | width: | 1000 - 6000 mm |
| | height: | 2500 - 8000 mm |
| | Larger doors on request. | |
| Door curtain | Door curtain, consisting of hinge | e-like |
| | interconnected galvanized stee | l. |
| Profiles | double-skinned steel, 93.7 mm wide | |
| Surface | galvanized steel | |
| | coil-coated steel | |
| Glazing | synthetic glazing, crystal clear | |
| - | approx. 150 mm x 55 mm. | |
| Bottom seal | Double-skinned box profile mad | le of aluminium |
| | with permanently elastic and fro | |
| | profile hose seal for a sealed bo | • |
| End caps | Robust, wear and corrosion-free | e plastic parts |
| • • • • • | for fixing the profiles. | o piaotio pai to |
| Wind hooks | For high wind loads and/or large | e widths the |
| | doors are equipped with wind h | |
| | forced bottom seal. | |
| Guide rails | Robust steel profiles with wear- | proof. easy-to- |
| | change plastic guides. | |
| Winding obott | Prime coated steel tub, with we | lded-in shafts on |
| | both sides for drive, anti-drop o | |
| Winding shaft | | |
| | · · · · · · · · · · · · · · · · · · · | |
| Header seal | As standard, except for doors with louvers or other types of ventilation | ventilation grilles, |

| Made of galvanized steel. If desired, with sound insulation in acc. with DIN 4109. | |
|---|--|
| All locks connected to door control unit via safety switches. Bottom profile lockable from inside via two locking rods, with profile cylinder Bottom profile lockable from inside and outside via two locking rods, with profile cylinder Sliding bolt on the inside Other types of locking mechanism on request | |
| 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, 60%ED, degree of protection IP54, with emergency crank handle. Other special voltages, degrees of protection or types of emergency operation on request. | |
| Control unit pre-wired with drive, integrated main switch with CEE plug. radio control Accessories for control units: auto. closing (with traffic lights) traffic light control digital induction loop | |
| With safety edge mechanism: with self monitoring, electro-mechanical safety edge mechanism, safety-low control voltage 24V, IP 65, "close door" and "open door" in self-lo- cking mode with push buttons "open-stop-close". | |
| Permanent side part with integrated door. pivoted side part with integrated door. curtain box made of: galvanized sheet steel natural aluminium other versions on request Sloping bottom profile aligned to the floor, for side or roof installation | |
| | |



High-speed roller shutter ThermoTeck

