

Roller Grilles with Electric Drive



Text example

Compile and tender according to requirements.
Please refer to Technical Data below for respective details.
Updated 01.01.2011



Technical data

Position	No. of pieces	Item	Unit price €	Total price €
		Roller grille, straight honeycomb, made of plain aluminium profiles, with galvanized bottom bracket and consoles, prime coated winding shaft.		
		Make: Teckentrup or equivalent. Drive: Roller grille straight honeycomb 185, aluminium Direct mount drive 400 V (three-phase voltage), IP54, emergency hand crank in accordance with ZH 1/494 point 4.4.3 and integrated anti-drop device, TÜV tested, maintenance-free Control: Basic version of AS 1.3, control voltage 24 V (safety low voltage), degree of protection IP54, "Door closed" in deadman mode (permanent pressure) with pushbuttons "Open-Stop-Closed" and self-monitoring, electro-mechanical safety edge mechanism, fully wired ready for use and with CEE plug. Installation: Behind the opening, on concrete, all fastening elements - suitable for the structure material - are supplied. Ordering dimensions: Ordering dimensions: __mm wide and __mm high Ordering details: Wall and header thickness (concrete __mm / masonry __mm), headroom __mm, sideroom right-hand __mm, left-hand __mm		

Product: Roller grille
(profiles made of galvanized steel or aluminium)

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 – 12000 mm
Height: 1000 – 12000 mm
Larger doors on request.

Door curtain: Door curtain, consisting of hinge-like interconnected galvanized steel or aluminium honeycomb profiles.

Profiles:

- Made of flat material.
Straight or shaped honeycomb.
Axial slides made of wear-proof plastic (TG-S, TG-E, TG-A and TG-V)
- Made of flat-round material
Straight honeycomb (TG-X)

Surface:

- Galvanized steel
- Plain aluminium.
- Plain aluminium, reinforced with stainless steel connector.
- Plain stainless steel

Bottom seals: Galvanized steel bracket for steel and aluminium version
Stainless steel bracket for stainless steel version.
Extruded bottom seal made of aluminium for TG-X.

Guide rails: Robust steel profiles with wear-proof, easy-to-change plastic guides.
Depth of the guide rail in acc. with DIN 18358.

Winding shaft: Prime coated steel tube in acc. with DIN 2458 with welded-in shafts on both sides for drive, anti-drop or bearing seat.

Consoles: Made of galvanized steel.
If desired, with sound insulation measures in acc. with DIN 4109.

Locking: As standard with automatic anti-lifting device.

If desired:
All locks connected to the door control unit via safety switches.

- Can be locked on the inside via two locking rods
Bottom seal with profile cylinder
- On the inside and outside via two locking bars
Lockable bottom seal with profile cylinder
- Night latch on the inside (is locked via a padlock).
Other types of locking mechanism on request

Drives: 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.

Controls: 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:

- Self-locking "CLOSE" in connection with a safety edge mechanism
- Radio control.
- Automatic closing (with traffic light)

Accessories for controls:

- Automatic closing (with traffic light) (additional photocells in the door travel area are recommended).
- Traffic light control/Two-way traffic
- Digital induction loop.

Without safety edge mechanism:
Basic version of AS 1.3, control voltage 24 V (safety low voltage), degree of protection IP 54, "Door closed" and "Door open" in deadman mode (permanent pressure) with push buttons "Open-Stop-Closed".

With safety edge mechanism:
TS12 pro 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. Secured on both sides with photocells in acc. with safety category II in the header area where fingers can be trapped.

Standard functions:

- Automatic closing (with traffic light) (additional photocells in the door travel area are recommended).
- Traffic light control (two-way traffic and one-way traffic).

Special equipment: Permanent side part with integrated door.
Pivoted side part with integrated door.

Roller box made of:

- galvanized steel plate
- natural aluminium
- Other versions on request
Sloping steel bracket, aligned to the floor.
Side or roof installation.

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 special types of handling.

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