



TUBE & LINK ROLLER SHUTTERS

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TB/LNK



PRODUCT DESCRIPTION

UK Shutters are able to provide you with a range of tube and link shutters, which are regularly used to shut off server sections in bars so that spirits and bottles are visible whilst at the same time denying customers, unauthorised access.

Larger tube and link shutters are sometimes used over shops - a single-phase tubular motor typically powers these. However, as most of this style of shutter is used in small areas, a manual method of operation will usually be ideal.

IDEAL USES

- Bars
- Counters
- Receptions
- Shop fronts

TECHNICAL SPECIFICATIONS

Curtain

The curtain is made from aluminum tubes and links arranged in a brick bond pattern. Our usual mesh size is 230 x 70mm. Internal horizontal rods are manufactured from 8mm diameter round bar and pinned at each end to prevent lateral movement.

Guides

The side guides are formed from 38 x 29mm extruded aluminum channels and prepared for fixing to the opening structure. Fixed and intermediate guides 90°, 135°, 180° versions are available.

Endplates

Manufactured from mild steel to a suitable thickness relative to door size and supplied with angles for fixing to the structure.

Finish

Generally galvanized. Any non-galvanized plates are prime painted. Customers can choose to have a powder coating of almost any colour as an additional extra.

Operation

Smaller shutters tend to be controlled by 240-volt single-phase tubular motors. Adjustable limit switches are incorporated to stop the shutter at the end of each travel. Standard controls are open/close/stop buttons for geared motors and rocket switches on single-phase motors. A safety break is incorporated in line with current Health and Safety legislation.

OPTIONS AND VARIATIONS

Hoods/Fascia's

Galvanised steel hoods can be supplied to cover the coiled shutter and motor.

Operation

Electric

Key switches

Radio/remote Control

Key fobs

Rocker switches

Timer closing

Manual

Push and Pull

Finishes

Can be Polyester powder coated in a range of standard RAL colours' for an extra charge.

ILLUSTRATIONS



TB/LNK Security Grille

Applications

Medium security commercial sites where see-through vision is a priority.

Grille lattice

Brick-bond effect or standard arrangement.
Aluminium 13mm diameter tubes cut to 111mm as standard, with anodised finish enclosing an 8mm steel rod.
Vertical lattice links are 86mm high, leaving 56mm high openings, smaller or larger apertures on request.
N.B. Colour finishes available on request.

Tube length: 111mm
Link height: 86mm
Weight per m²: 10kg
Maximum Width: 6,000mm
Maximum Surface: 20m² with single phase power or 3-phase power.

Housing

Gilles less than 12m²: roll-formed housing from 1.0mm aluminium; pressure moulded aluminium end caps; in white or brown as standard.
Gilles over 12m²: housing manufactured from 1.2mm galvanised steel sheet; end caps are fabricated from 5mm steel; standard galvanised finish; other colours available on request.

Guide Length (up to mm)	Box Size (up to mm)
2200	300
3600	360
5500	400

3-phase motor application enclosure sizes will vary dependent on the overall shutter size.
N.B. The above enclosure sizes are based on standard tube motor operation and 3-phase external direct drive motor.

Guide Channels / Bottom Slat

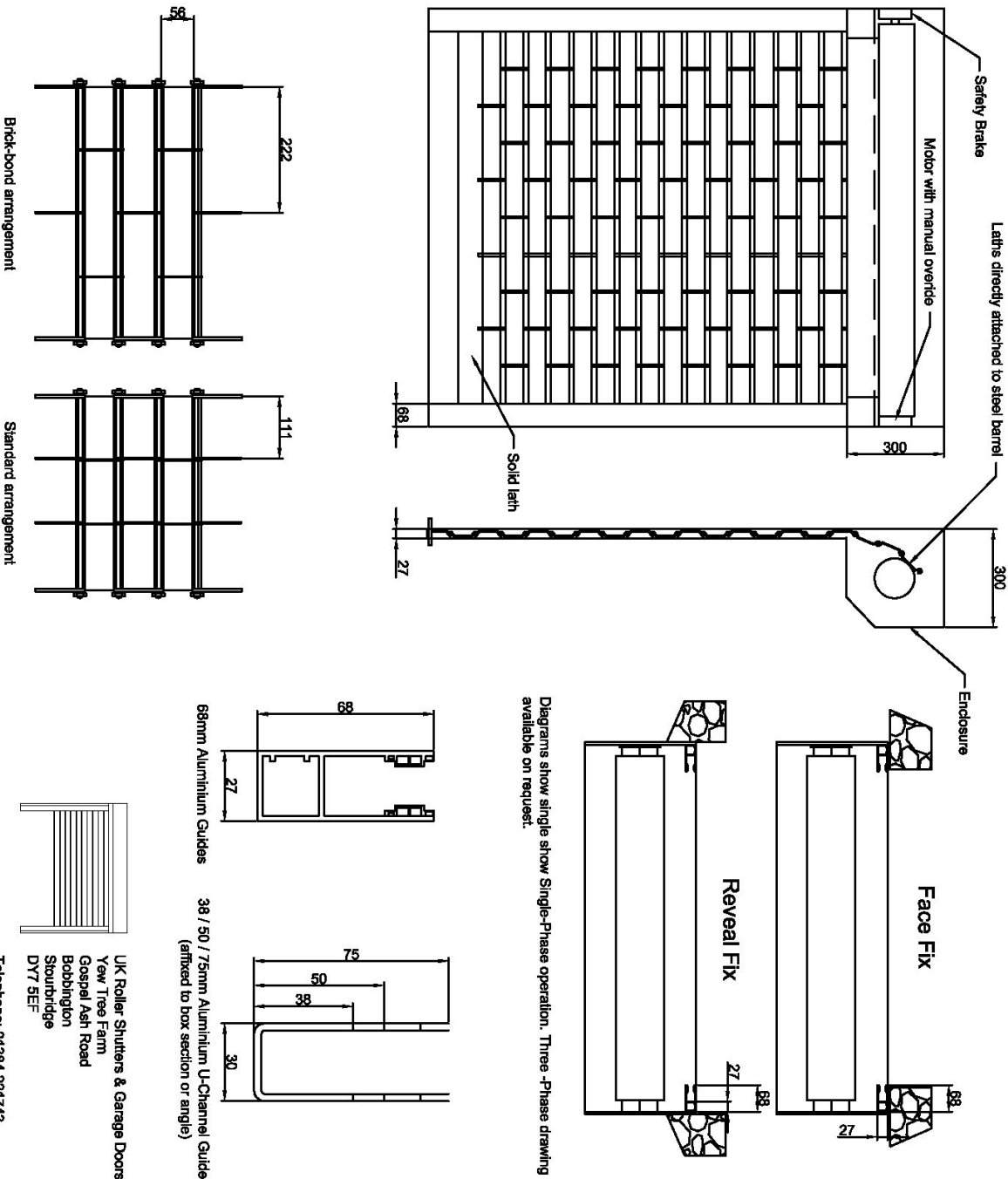
68mm mill, white or brown aluminium guide sections are standard for gilles under 12m². T-shape bottom bar from galvanised steel.
While the standard guide channel is 68x27mm, the U-channel guide affixed to box sections or angles is advised for shutters in excess of 12m² (see drawing to the right).

Operation

Electric: Single phase tubular motor or 3-phase direct drive motor dependent on curtain weight, with push button control.
Remote control operation is available, and includes Optical safety Edge; a PEC beam may also be appropriate when using remote control operation.

Manual override facility as required.

Safety breaks included as standard, to meet requirements of BS EN 13241-2003-1





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