

## INSULATED STEEL SECURITY SHUTTER :: TECHNICAL DATASHEET

Insulated mild steel security shutter suitable for industrial and commercial sites. Maximum area of 22m<sup>2</sup> with a tubular motor and 35m<sup>2</sup> with an outboard motor. Rapid rise option also available with a Frequency Inverted motor.



### APPLICATIONS

Industrial and commercial sites requiring large aperture coverage, and improved insulation properties from the shutter. Ideal for rapid rise / fast action opening and closing when in conjunction with Frequency Inverted motor.

### CURTAIN SLAT

Double skinned 95mm steel slat with polyurethane insulating core.

Finish: Galvanised as standard. Powder coating and Plastisol laminated finishes available on request (surcharges apply).

Weight per m <sup>2</sup> :	11.3kg
Maximum Width:	7000mm
Maximum Area:	20m <sup>2</sup> (Tubular) 40m <sup>2</sup> (Outboard)
Slat U-Value:	1.1 W/m <sup>2</sup> K

### CASING

Galvanised steel casing & end plates as standard.

Finish: Galvanised as standard, powder coating available on request (surcharge applies).

### Guide Height (mm)

3250

4500

5000

### Plate Size (mm)

400

450

400

### Motor

Tubular

Tubular

Tubular

Plate sizes shown as a guide only and may vary. Note that outboard motors are generally larger than the plate itself.

### BOTTOM SLAT

Extruded aluminium bottom slat with weather seal.

### GUIDE CHANNELS

Steel guide channels with brush seals. Width of 90mm as standard.

Finish: Galvanised as standard, powder coating available on request (surcharge applies).

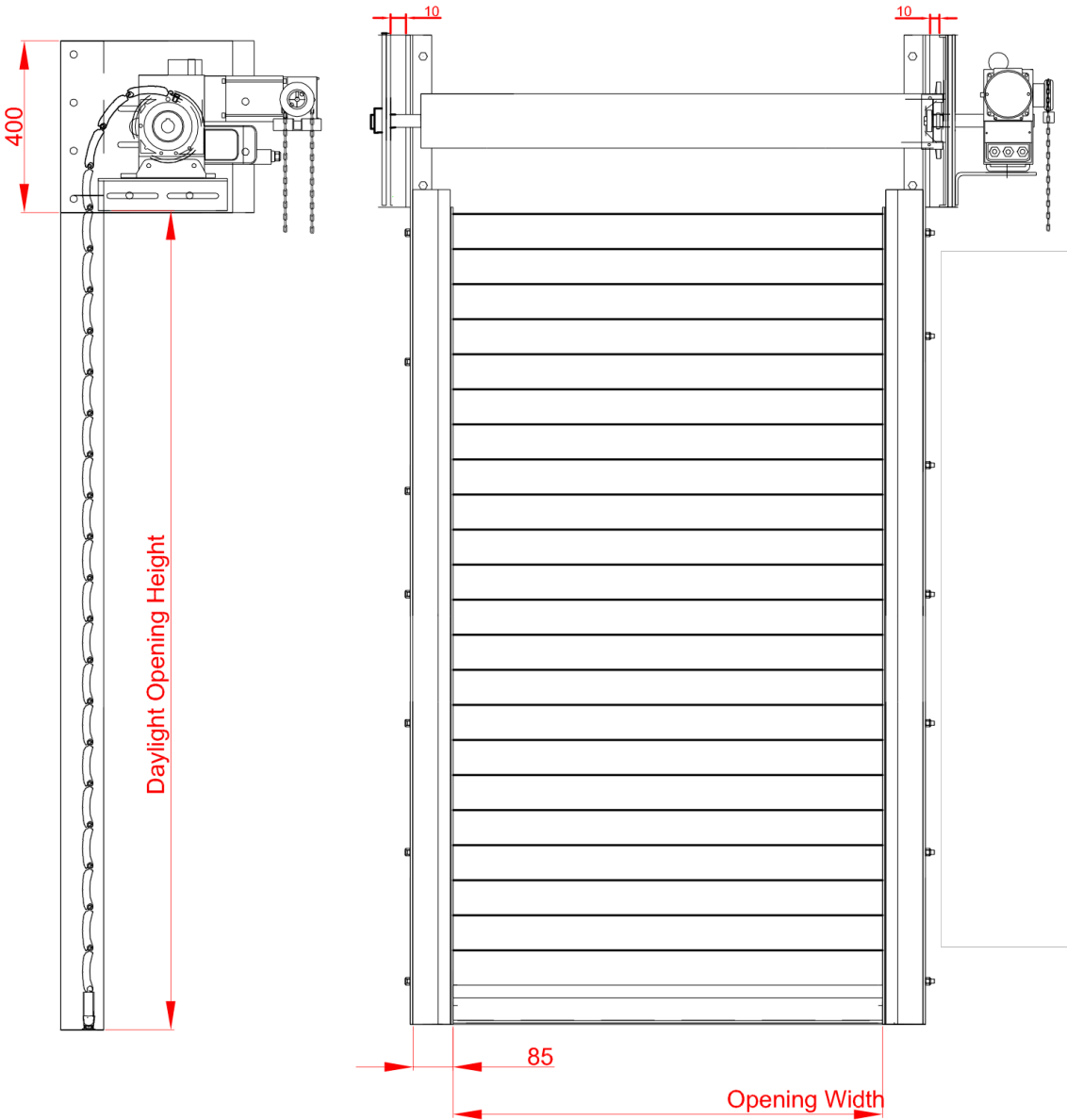
### OPERATION

**Tubular Motor:** NRG Econom tubular motor with internal rocker switch or external key switch and safety brake as appropriate to comply with legislation. Manual override facility & crank handle as required (surcharge applies).

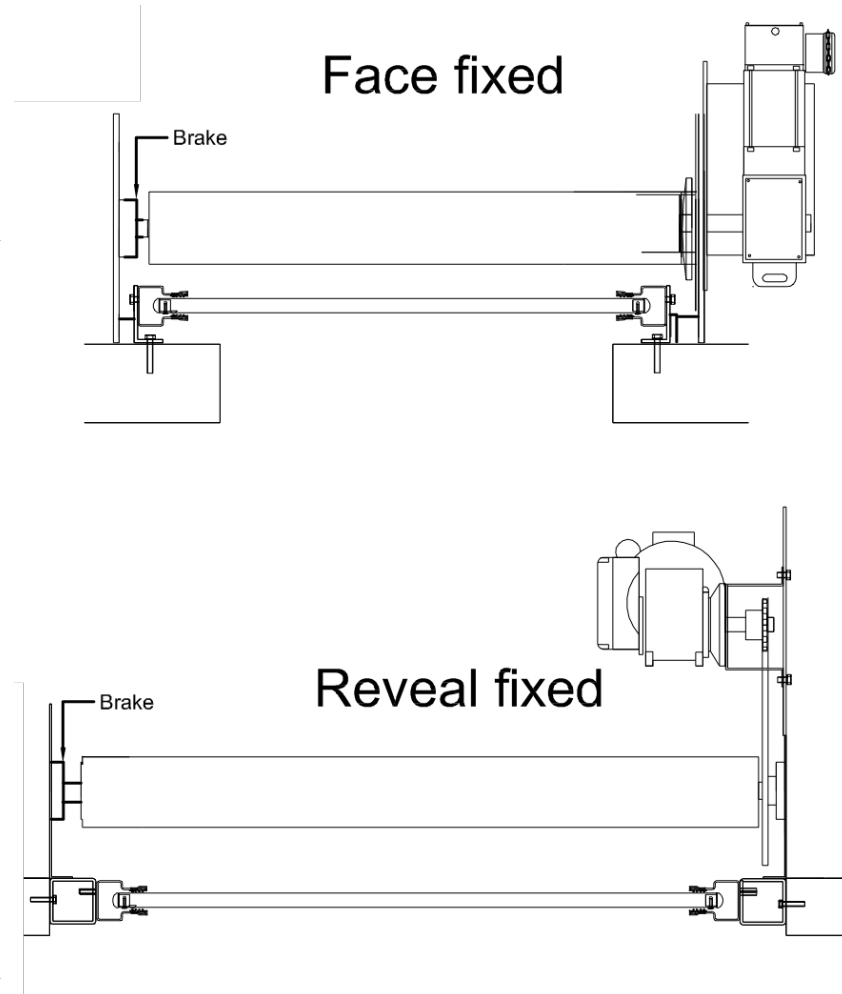
**Outboard Motor:** GfA Safedrive & Ranger single or three phase motor with integrated safety brake, chain manual override and push button control station as standard. Other motors available on request, including Ellard, Link Controls and high speed options.

All motors have numerous control option variants such as remote and group or mobile phone activation.

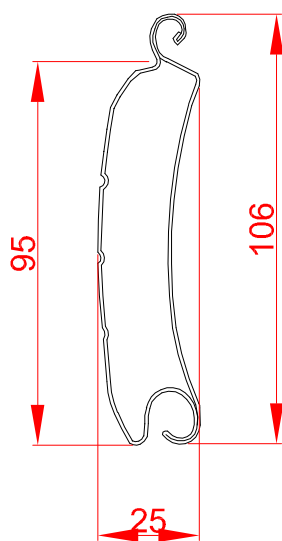
### FRONT FACE



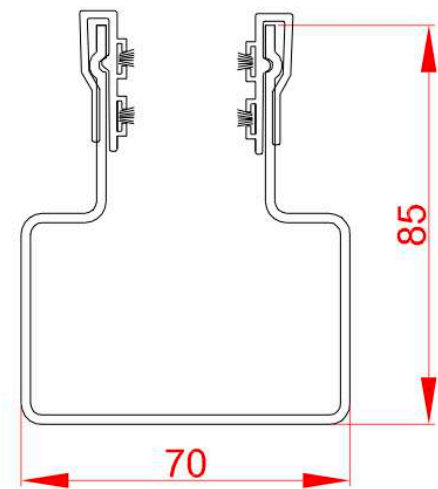
### FIXING DETAIL



### SLAT PROFILE



### GUIDE CHANNELS



Wind Guide Option