





DORMA  
AGILE 50

## DORMA AGILE 50

### Tiny dimensions – tremendous benefits

#### Superb track geometry

Height 49 mm x width 46 mm (ceiling/wall/side screen version) – these are the telling dimensions of the AGILE 50 - a new departure in tempered glass sliding door systems. Moreover, all the operational equipment has been integrated again out of sight within the track section - despite its dainty size. All that remains on view is an elegantly and intricately designed profile that eliminates the need for the cover sections required by other systems. It can be surface-treated in all the well-known anodised finishes and RAL colours. Stability and torsional stiffness constitute further important properties inherent in the new track geometry.

#### Minimal gap

The minimised dimensions of the track profile and integration of the complete operational equipment within its section automatically give rise to very small clearances between the glass and wall or glass.

#### Sophisticated track roller technology

The AGILE 50 is able to meet a wide variety of customer requirements - up to and including their highest demands. Just two maintenance-free clamp-type carriers can support and transport glass panels of up to 50 kg. This is ensured by their special track roller technology. In terms of ease of operation, AGILE is able to satisfy the Class 3 criteria of EN 1527 – and that means a force equivalent to 30 N needs to be applied in order to overcome the initial friction and thus set the door in motion.

#### Reliable stop

The doors are, of course, gently decelerated as well as being reliably held in both their closed and opened states by specially developed catch-type buffers.

#### Elegant floor guide

The floor guide for AGILE captivates with its attractive shape. Brilliant the possibility of adjustment for different glass sizes: With a rotating plastic insert glass elements of 8 to 13.5 mm thickness will be guided safely.

#### One system – many solutions

The AGILE 50 offers versatility in the truest sense of the word. The system can be fixed at the wall and to the ceiling.

#### No glass preparation

With clamp-type fittings, the need to drill and cut the glass is eliminated. Based on wide-ranging glass fabrication expertise, the suspension mounting has been designed so that the panels can be safely retained by the clamping effect alone. Installation is simple and uncomplicated and the time required – including that for glass panel production – is reduced to a minimum. The variable clamp-type carriers are able – as standard – to engage glass thicknesses between 8 and 10 mm. A further advantage of the clamp-type carrier: even after the installation of the glass panels, in situ vertical adjustment of +5/-3 mm can be carried out as required.

#### Long service life

The exceptional longevity of the system has also been proven in protracted tests involving more than 50,000 operating cycles (performed to DIN EN 1527). And you will also find that the AGILE 50 takes corrosion resistance to a new level. So there are no obstacles to its installation and use in damp areas.

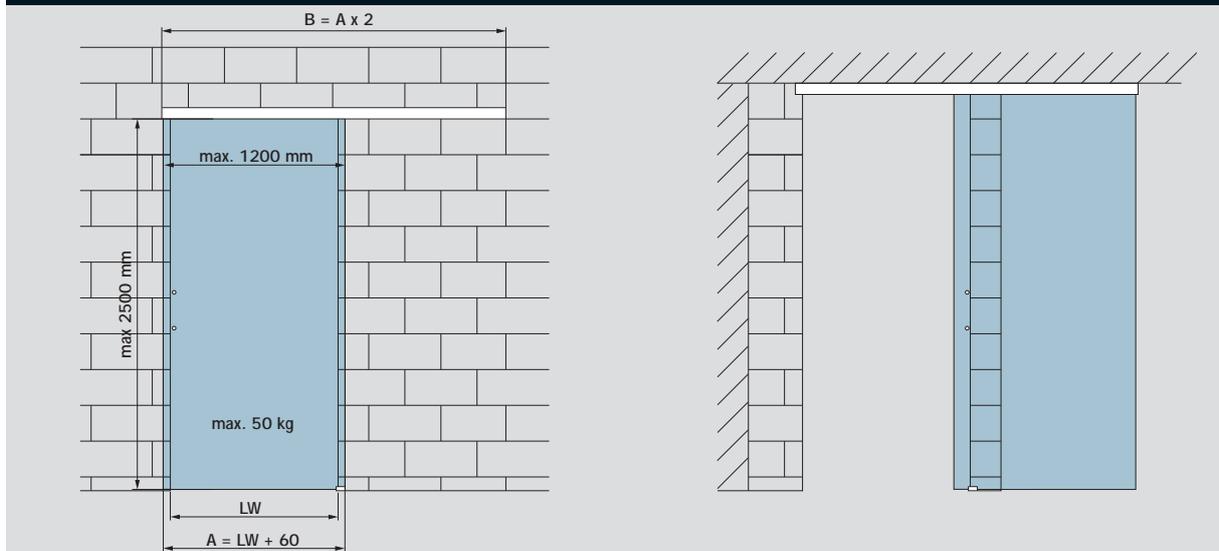
#### Modular system

The inherent handling ease coupled with a thoroughly systematic approach will greatly facilitate your planning work when implementing the AGILE 50 concept.

Several set solutions for different fixing situations are available.



Typendarstellung / Typical assemblies



**Merkmale und Daten**

**DORMA AGILE 50**

Für einflügelige Anlagen,  
Wand- oder Deckenmontage;  
passend für 8 - 10 mm  
Glasdicke.

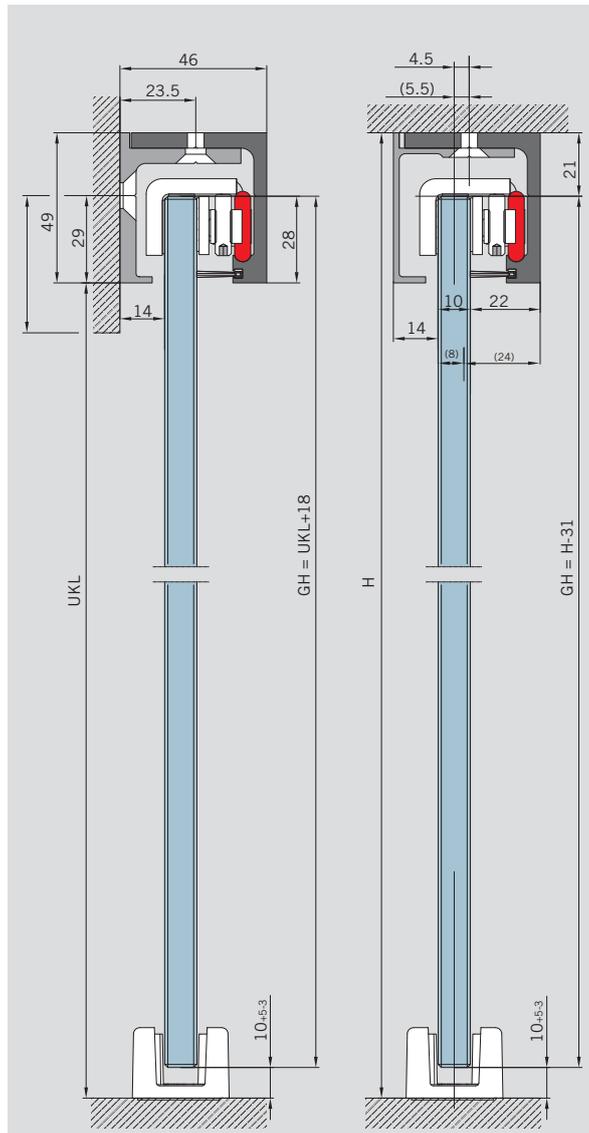
**Max. Türflügelgewicht**  
50 kg

**Bestimmung der Glashöhe**  
GH = UKL + 18 mm oder  
GH = H - 31 mm  
(siehe Zeichnung)

**Bestimmung der Glasbreite**  
A = LW + 60 mm  
(min. 500 mm)

**Anzugsmoment für  
Klemmschrauben an den  
Klemm-Laufwagen**  
2 Nm

- A = Glasbreite
- B = Laufschienenlänge
- GH = Glashöhe
- H = Gesamthöhe
- LW = Lichte Weite
- UKL = Unterkante Lauf-  
schiene bis OKFF



**Features and Data**

**DORMA AGILE 50**

For installations with one  
door leave; fixed to wall or  
ceiling; for 8 - 10 mm  
glass thickness.

**Max. weight of door leaves**  
50 kg

**Calculation of glass height**  
GH = UKL + 18 mm or  
GH = H - 31 mm  
(see drawing)

**Calculation of glass width**  
A = LW + 60 mm  
(min. 500 mm)

**Torque for screws in the  
clamp-carriers**  
2 Nm

- A = Glass width
- B = Length of track
- GH = Glass height
- H = All over height
- LW = Clear opening width
- UKL = Lower edge track rail