

# ST 70

## Statik Diyagramlar - Orta Kayıt Profilleri

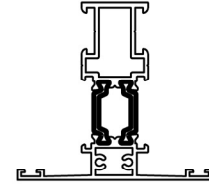
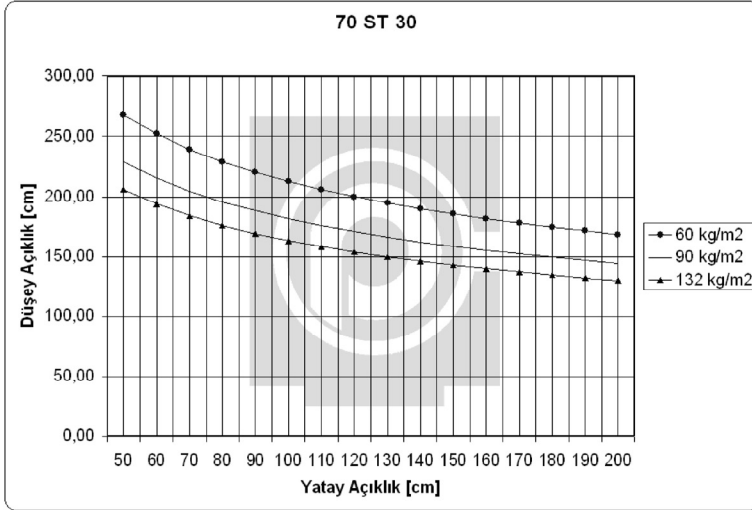
Camın yapacağı sehim ve limit değerler ayrıca kontrol edilmelidir.

Aşağıdaki diyagramlar genel uygulamalar için olup, diğer rüzgar yüklerindeki uygulamalarınız için lütfen temasa geçiniz.

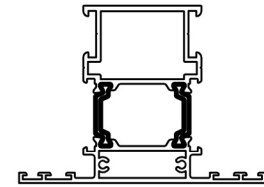
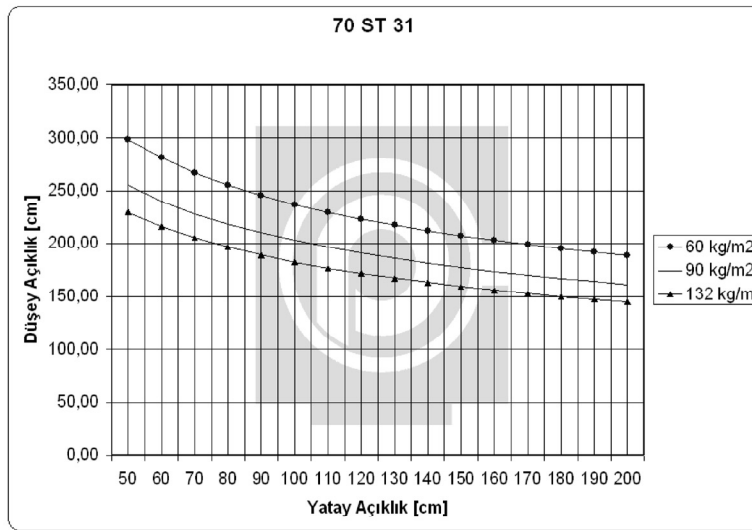
## Static Diagrams - Transom/Mullion Profiles

Deflection of the glass and limit values of the profiles have to be checked separately

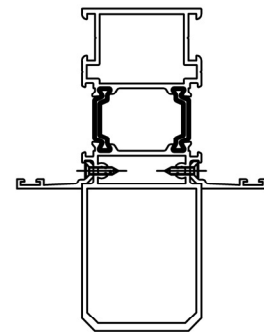
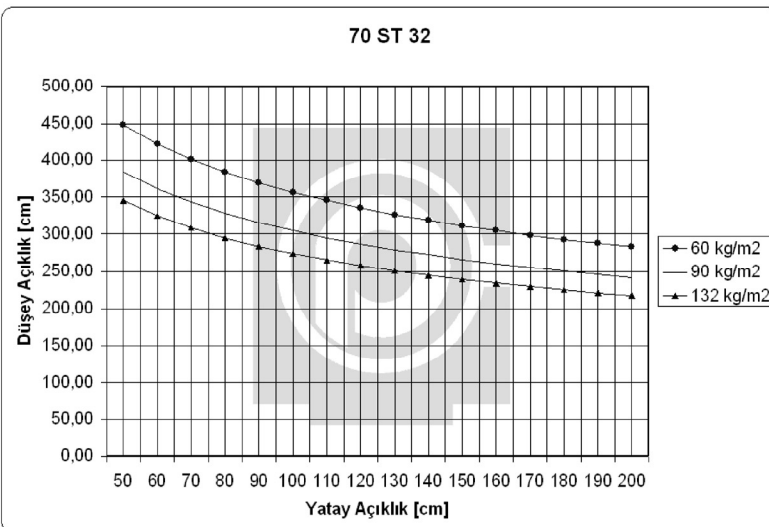
Following diagrams can be used for general applications, please don't hesitate to contact for other wind loads.



70 ST 30



70 ST 31

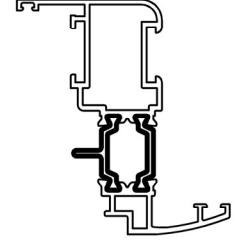
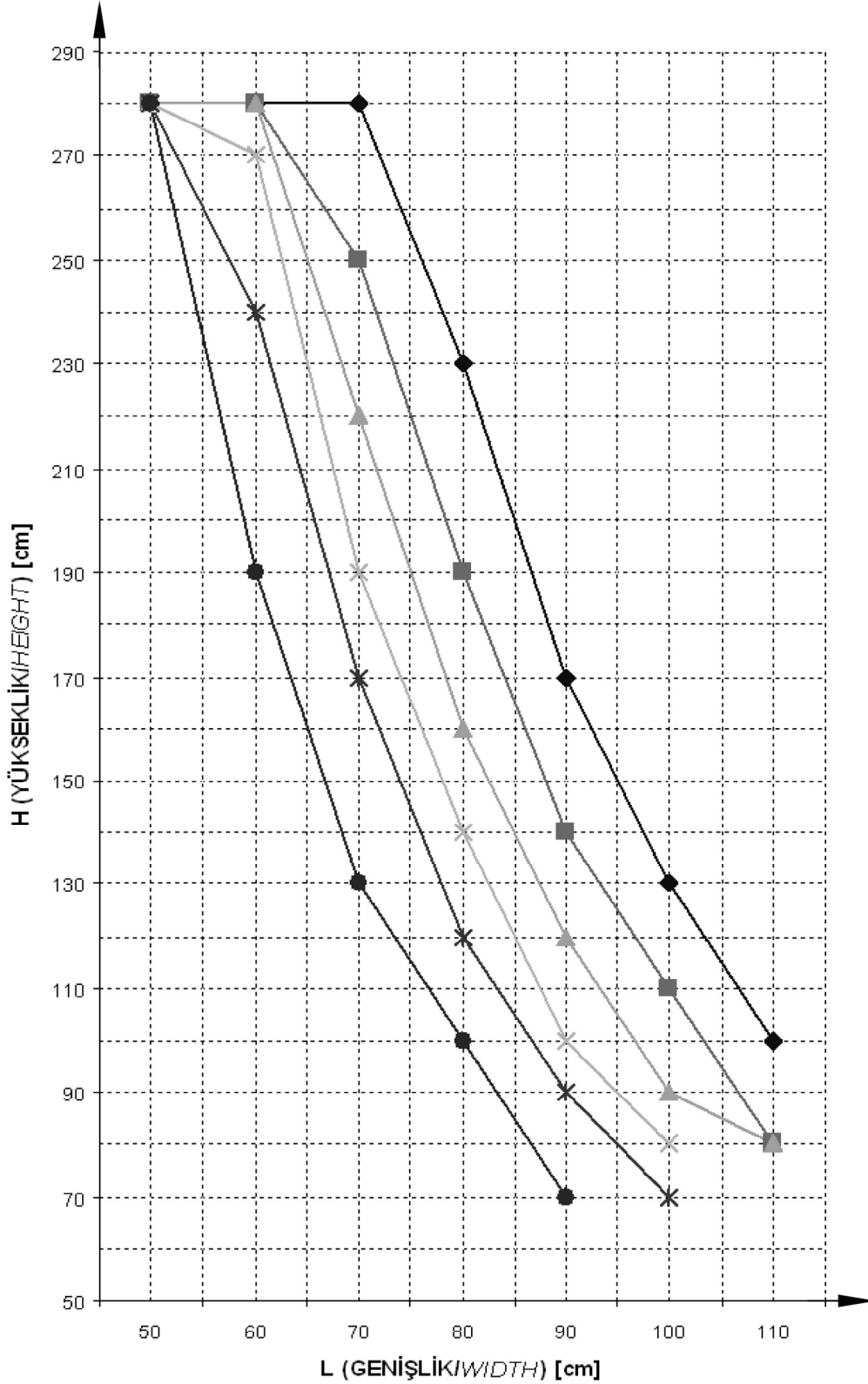


70 ST 32

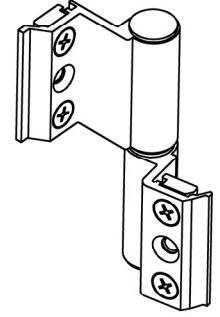
# ST 70

Statik Diyagramlar - Kanat Maksimum Ölçüleri  
Camlama tipi ve takozlama ayrıca kontrol edilmelidir.  
Aşağıdaki diyagram genel uygulamalar için olup, diğer ebatlardaki uygulamalarınız için lütfen temasa geçiniz.

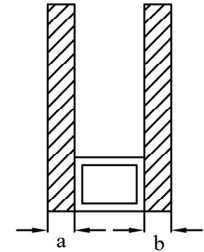
Static Diagrams - Maximum Vent Size  
Glazing type and location of the setting block have to be checked separately  
Following diagram can be used for general applications, please don't hesitate to contact for other dimensions



Kanat Profili / (Vent Profile)  
70 ST 25



Menteşe (Hinge)  
40 D 22  
H < 2,1 m 2 adet (Piece)  
H > 2,1 m 3 adet (Piece)  
H > 2,5 m 4 adet (Piece)



Cam Kalınlığı = a + b  
(Glass Thickness = a + b)

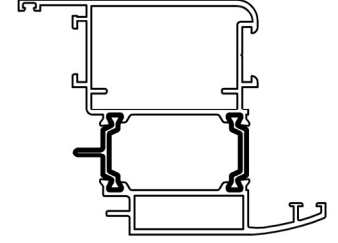
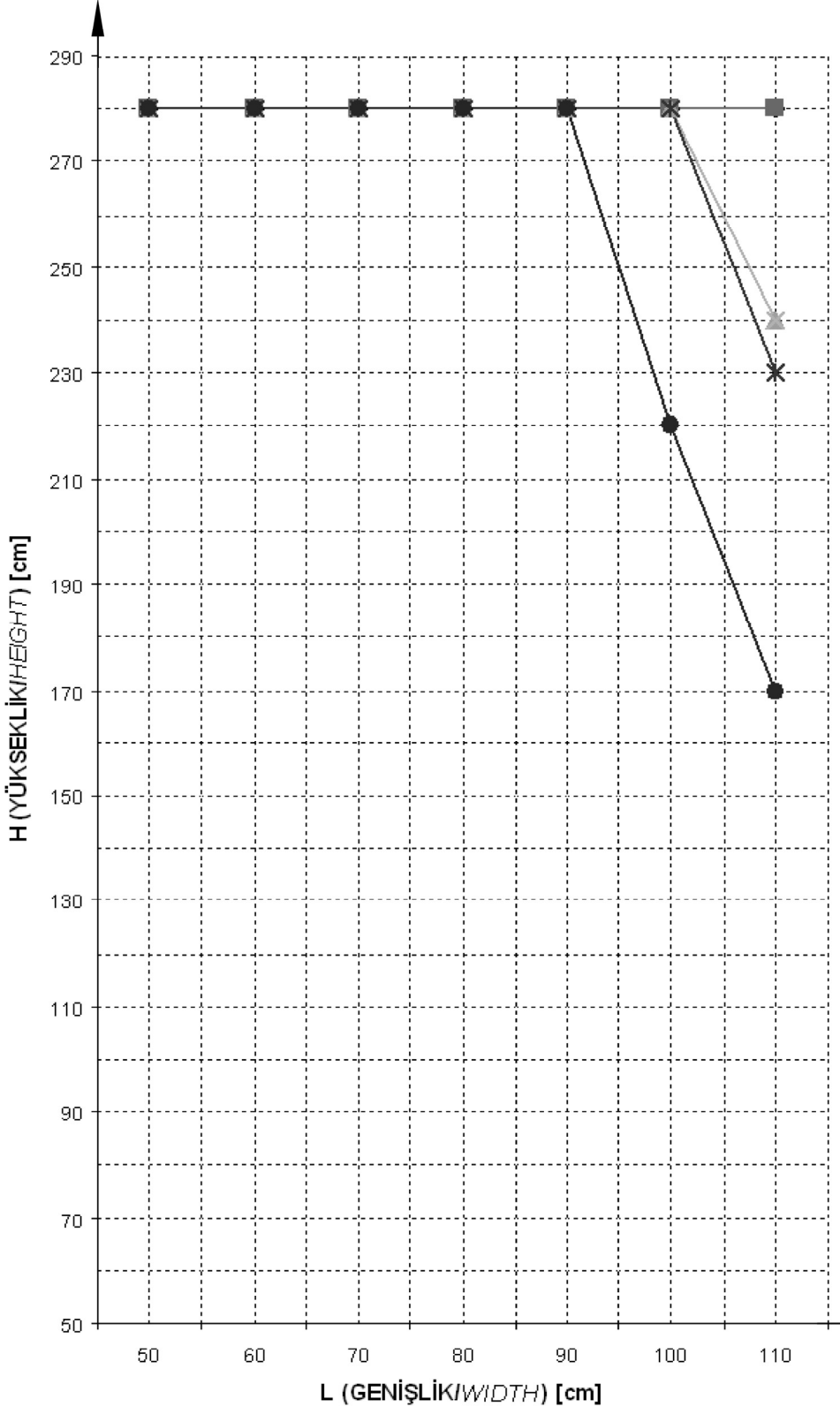
- ◆ a+b = 8 mm
- a+b = 10 mm
- ▲ a+b = 12 mm
- × a+b = 14 mm
- \* a+b = 16 mm
- a+b = 20 mm



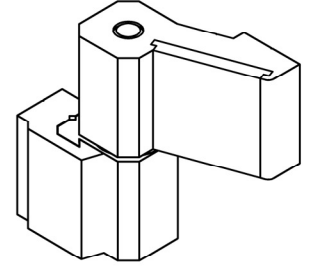
# ST 70

Statik Diyagramlar - Kanat Maksimum Ölçüleri  
Camlama tipi ve takozlama ayrıca kontrol edilmelidir.  
Aşağıdaki diyagram genel uygulamalar için olup, diğer  
ebatlardaki uygulamalarınız için lütfen temasa geçiniz.

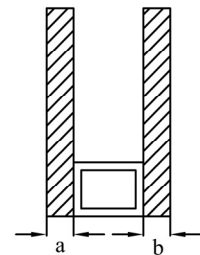
Static Diagrams - Maximum Vent Size  
Glazing type and location of the setting block have to be  
checked separately  
Following diagram can be used for general applications,  
please don't hesitate to contact for other dimensions



Kanat Profili / (Vent Profile)  
70 ST 22



Menteşe (Hinge)  
M10  
H < 2,1 m 2 adet (Piece)  
H > 2,1 m 3 adet (Piece)  
H > 2,5 m 4 adet (Piece)



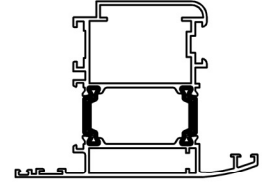
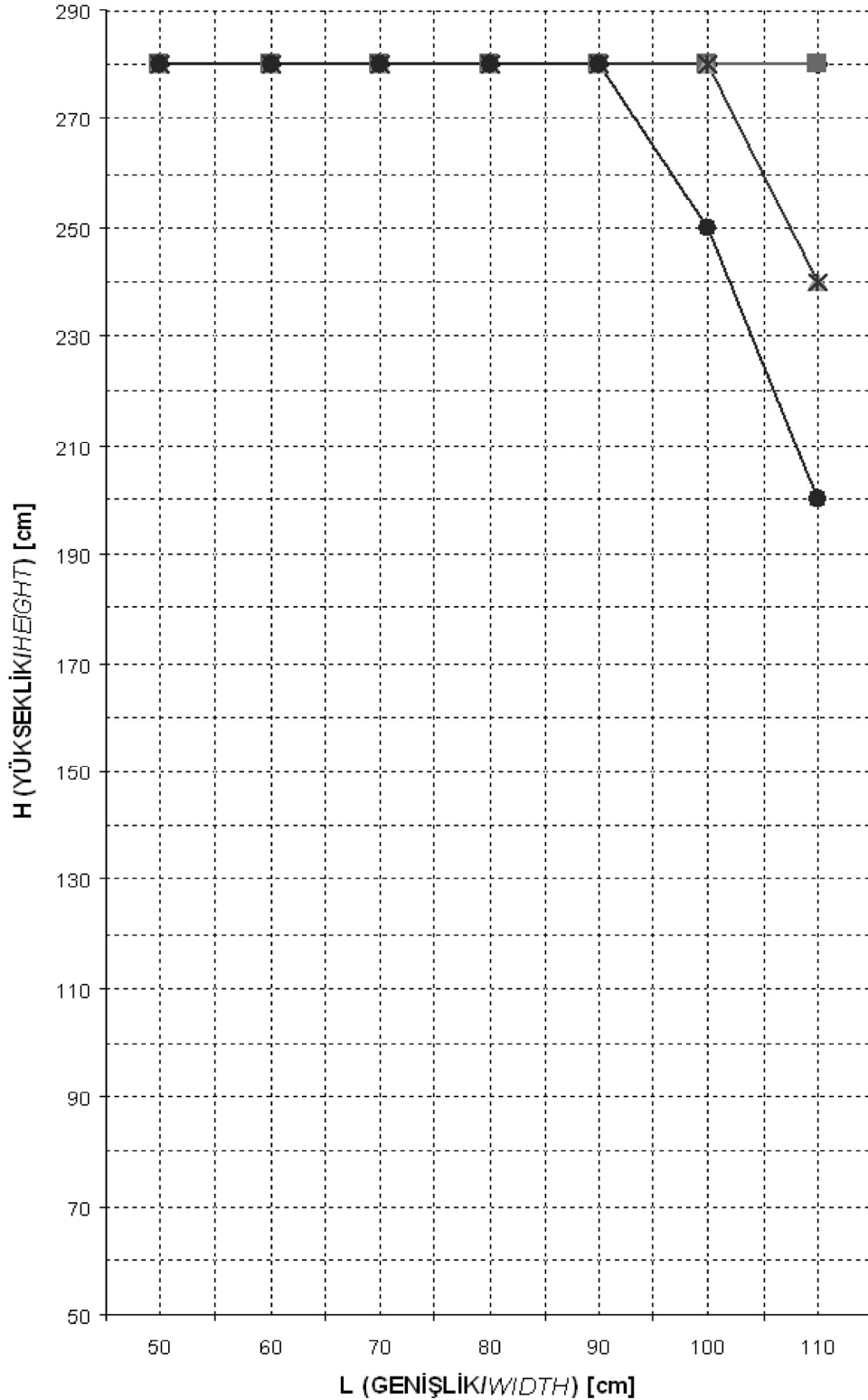
Cam Kalınlığı = a + b  
(Glass Thickness = a + b)

- a+b = 8 mm
- a+b = 10 mm
- ▲ a+b = 12 mm
- ✕ a+b = 14 mm
- ✱ a+b = 16 mm
- a+b = 20 mm

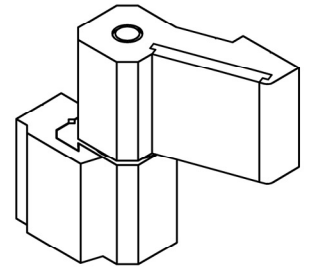
# ST 70

Statik Diyagramlar - Kanat Maksimum Ölçüleri  
Camlama tipi ve takozlama ayrıca kontrol edilmelidir.  
Aşağıdaki diyagram genel uygulamalar için olup, diğer  
ebatlardaki uygulamalarınız için lütfen temasa geçiniz.

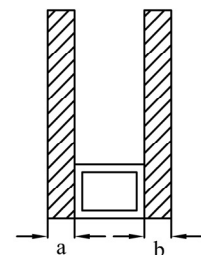
Static Diagrams - Maximum Vent Size  
Glazing type and location of the setting block have to be  
checked separately  
Following diagram can be used for general applications,  
please don't hesitate to contact for other dimensions



Kanat Profili / (Vent Profile)  
70 ST 26



Menteşe (Hinge)  
M10  
H < 2,1 m 2 adet (Piece)  
H > 2,1 m 3 adet (Piece)  
H > 2,5 m 4 adet (Piece)



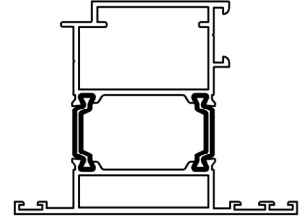
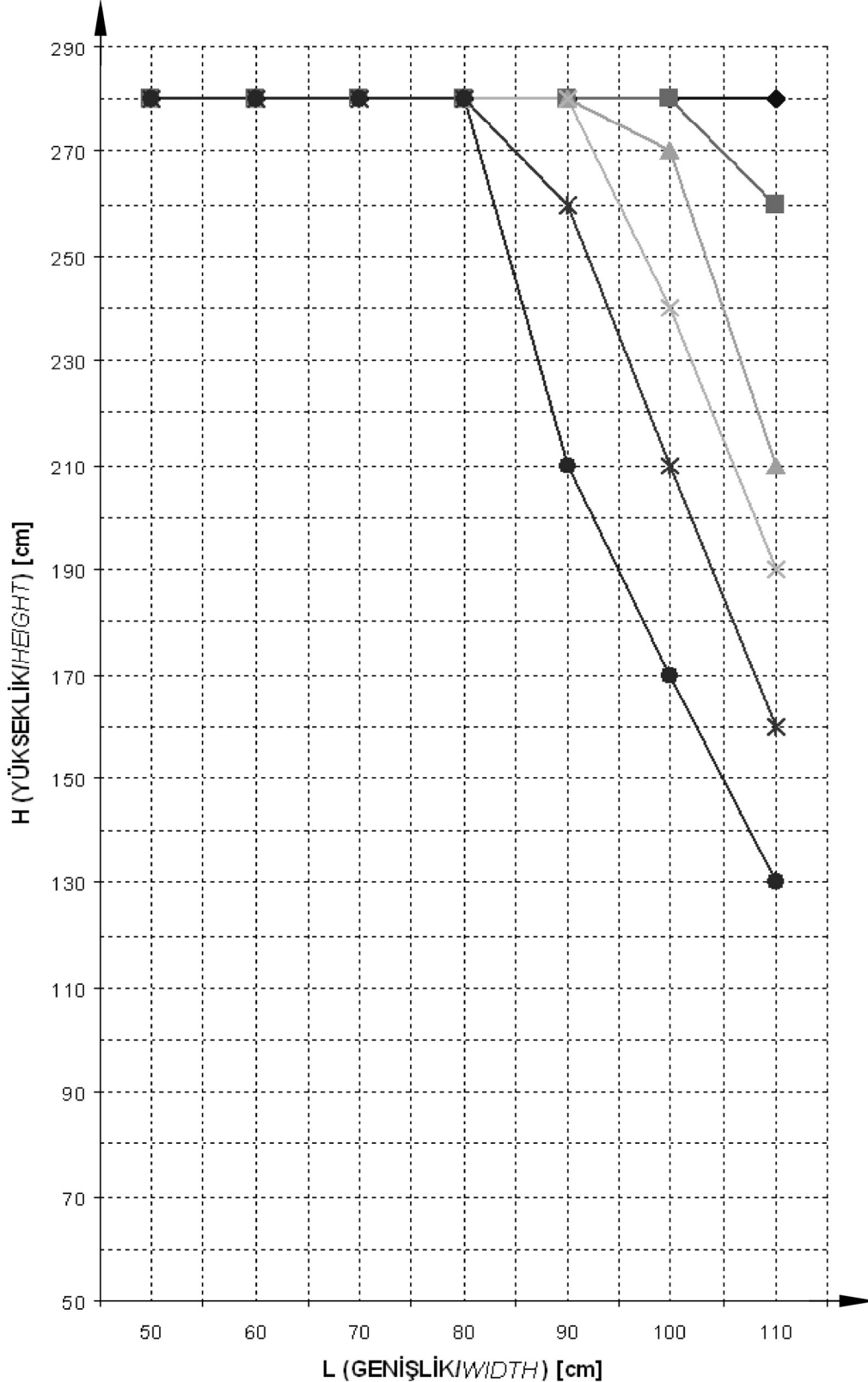
Cam Kalınlığı = a + b  
(Glass Thickness = a + b)

- ◆ a+b = 8 mm
- a+b = 10 mm
- ▲ a+b = 12 mm
- ✕ a+b = 14 mm
- ✱ a+b = 16 mm
- ◆ a+b = 20 mm

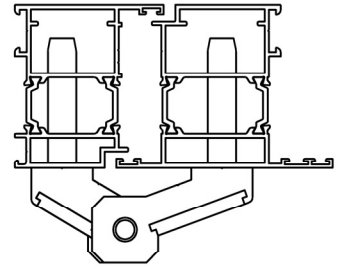
# ST 70

Statik Diyagramlar - Kanat Maksimum Ölçüleri  
Camlama tipi ve takozlama ayrıca kontrol edilmelidir.  
Aşağıdaki diyagram genel uygulamalar için olup, diğer  
ebatlardaki uygulamalarınız için lütfen temasa geçiniz.

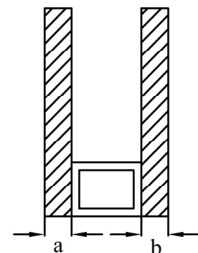
Static Diagrams - Maximum Vent Size  
Glazing type and location of the setting block have to be  
checked separately  
Following diagram can be used for general applications,  
please don't hesitate to contact for other dimensions



Kanat Profili / (Vent Profile)  
70 ST 24



Menteşe (Hinge)  
M12  
H < 2,1 m 2 adet (Piece)  
H > 2,1 m 3 adet (Piece)  
H > 2,5 m 4 adet (Piece)



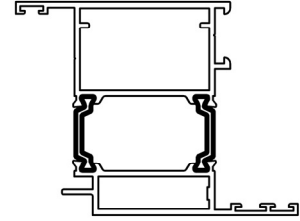
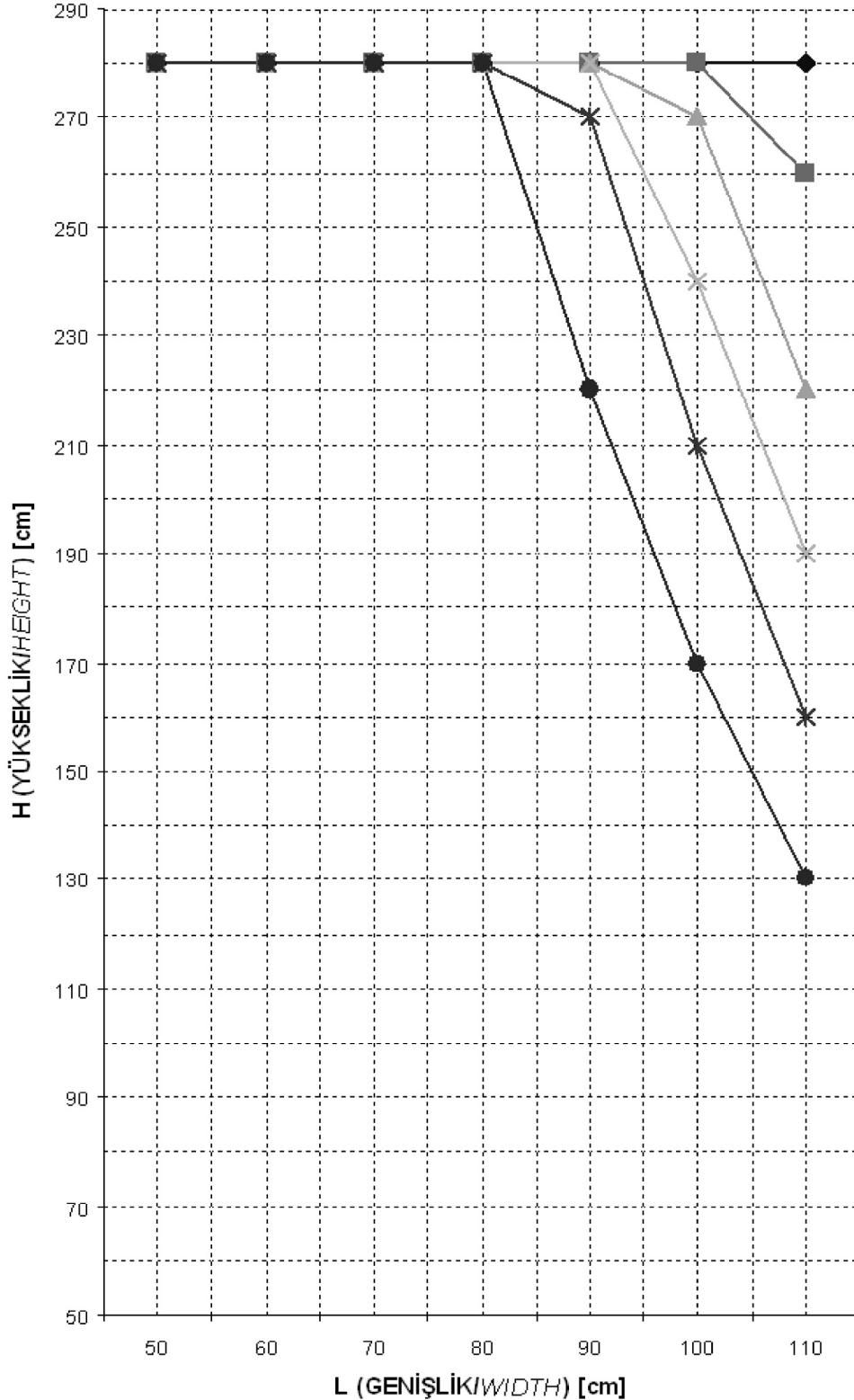
Cam Kalınlığı = a + b  
(Glass Thickness = a + b)

- ◆ a+b = 8 mm
- a+b = 10 mm
- ▲ a+b = 12 mm
- × a+b = 14 mm
- \* a+b = 16 mm
- a+b = 20 mm

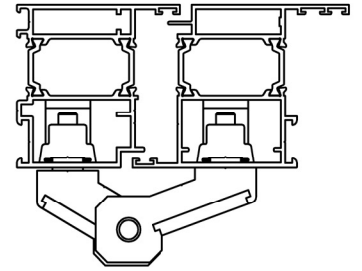
# ST 70

Statik Diyagramlar - Kanat Maksimum Ölçüleri  
Camlama tipi ve takozlama ayrıca kontrol edilmelidir.  
Aşağıdaki diyagram genel uygulamalar için olup, diğer  
ebatlardaki uygulamalarınız için lütfen temasa geçiniz.

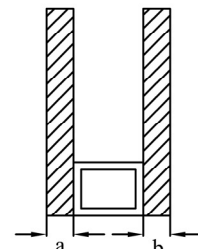
Static Diagrams - Maximum Vent Size  
Glazing type and location of the setting block have to be  
checked separately  
Following diagram can be used for general applications,  
please don't hesitate to contact for other dimensions



Kanat Profili / (Vent Profile)  
70 ST 23



Menteşe (Hinge)  
M12  
H < 2,1 m 2 adet (Piece)  
H > 2,1 m 3 adet (Piece)  
H > 2,5 m 4 adet (Piece)



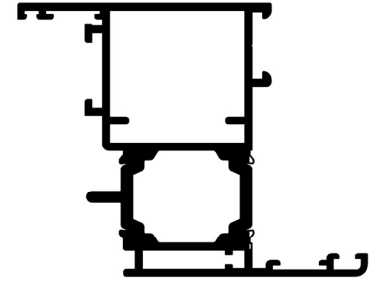
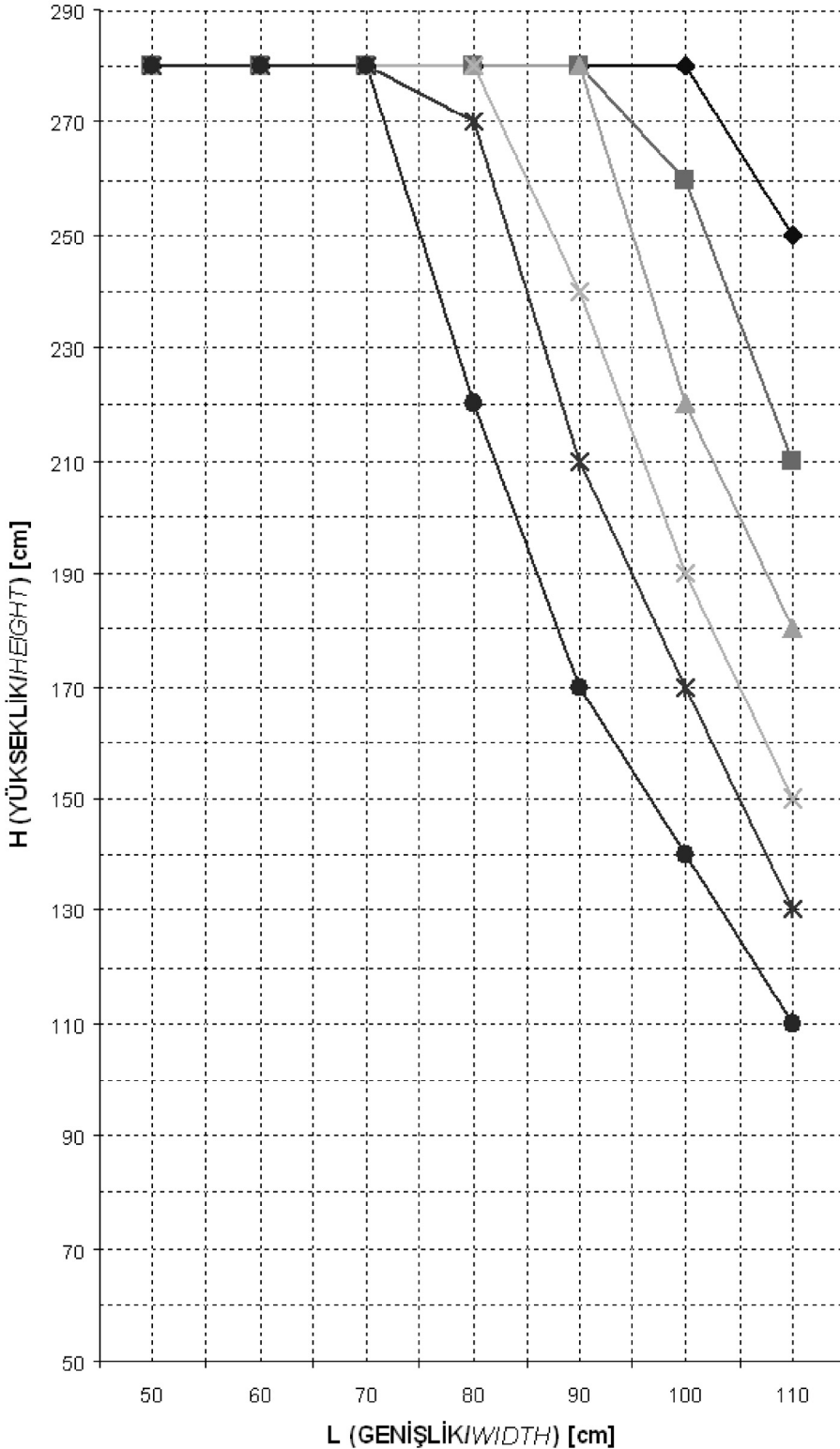
Cam Kalınlığı = a + b  
(Glass Thickness = a + b)

- ◆ a+b = 8 mm
- a+b = 10 mm
- ▲ a+b = 12 mm
- × a+b = 14 mm
- \* a+b = 16 mm
- a+b = 20 mm

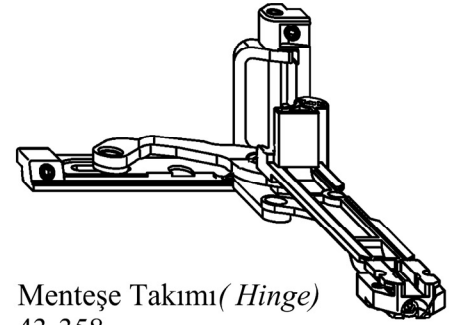
# ST 70

Statik Diyagramlar - Kanat Maksimum Ölçüleri  
Camlama tipi, takozlama ve aksesuar kapasitesi ayrıca kontrol edilmelidir. Aşağıdaki diyagram genel uygulamalar için olup, diğer ebatlardaki uygulamalarınız için lütfen temasa geçiniz.

Static Diagrams - Maximum Vent Size  
Glazing type, location of the setting block and carrying capacity of the accessories have to be checked separately  
Following diagram can be used for general applications, please don't hesitate to contact for other dimensions



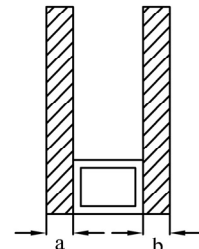
Kanat Profili / (Vent Profile)  
70 ST 61



Menteşe Takımı (Hinge)  
43-358

Kanat ağırlığı max 100 kg  
Weight of the vent max 100 kg

Sağ 1 adet (1 Piece for right)  
Sol 1 adet (1 Piece for left)



Cam Kalınlığı = a + b  
(Glass Thickness = a + b)

- ◆ a+b = 8 mm
- a+b = 10 mm
- ▲ a+b = 12 mm
- ✕ a+b = 14 mm
- ✱ a+b = 16 mm
- ◆ a+b = 20 mm



## Evidence of Performance

Resistance to wind load  
Watertightness  
Air permeability  
Operating forces, Mechanical properties  
Load-bearing capacity of safety devices

Test Report 102 33372/2e (ITT)

Client **Cuhadaroglu**  
**metal sanayi ve pazarlama a.s.**  
**Yakuplu Köyü Yolu**

**34900 B.Cekmece Istanbul**  
**Turkey**

Product	Single tilt and turn window with fixed toplight and sidelight
Designation	ST 70
Overall dimensions (W x H)	2200 mm x 2200 mm
Frame material	Thermal break aluminium profiles
Special features	-/-

Resistance to wind load – EN 12210



**Class C1 / B1**

Watertightness – EN 12208



**Class 9A**

Air permeability – EN 12207



**Class 4**

Operating forces – EN 13115



**Class 1**

Mechanical properties – EN 13115



**Class 4**

Load-bearing capacity of safety devices



**Requirement fulfilled**

ift Rosenheim  
6. November 2007

Jörn Peter Lass, Dipl.-Ing. (FH)  
Head of Testing Department  
ift Centre Windows & Facades

Robert Kolacny, Dipl.-Ing. (FH)  
Test engineer  
ift Centre Windows & Facades



ift Rosenheim GmbH  
Geschäftsführer:  
Dipl.-Ing. (FH) Ulrich Sieberath  
Dr. Jochen Peichl

Theodor-Gießl-Str. 7 - 9  
D-83026 Rosenheim  
Tel.: +49 (0)8031/281-0  
Fax: +49 (0)8031/281-290  
www.ift-rosenheim.de

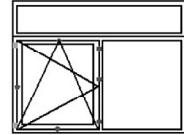
Sitz: 83026 Rosenheim  
AG Traunstein, HRE 14783  
Sparkasse Rosenheim  
Kto. 3822  
BLZ 711 500 00



### Basis

EN 14351-1 : 2006-03, Win-  
dows and external doors –  
Product standard  
Test standards:  
EN 1026 : 2000-06  
EN 1027 : 2000-06  
EN 12211 : 2000-06  
EN 12046-1 : 2003-11  
EN 14608 : 2004-03  
EN 14609 : 2004-03

### Representation



### Instruction for use

The present test report serves to demonstrate the above characteristics of windows according to EN 14351-1 : 2006-03; For the purpose of clarification it can be used as basis for the manufacturer ITT report summary for attestation of conformity procedure 3 as the basis for the manufacturer declaration.

### Validity

The data and results refer solely to the tested and described specimen.

Subject to compliance with the relevant casement weights, the test results can be extrapolated for constructions of identical or smaller dimensions of the same design, type of rebate and similar format.

The test does not allow any statement to be made on further characteristics of the present structure and quality, in particular the effects of weathering and ageing.

### Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift test Documents" applies..

The cover sheet can be used as abstract.

### Contents

The report contains a total of 22 pages

Notified Body Nr. 0757  
Anerkannte PUZ-Stelle: BAY 18  
DAP-PL-0808 99  
DAP-ZE-2293 09  
TGA-ZM-16 93-09  
TGA-ZM-16 93-09