

Porta deslizante

BREDA Atlante

Gama Book Line, para vãos de grandes dimensões. Versão Atlante e Atlante Vision.



Características principais

Painéis	aço galvanizado pré-lacado com poliuretano injetado, 52 mm; versão Vision com caixilho em alumínio e envidraçado
Versões	suspensa sem guia no pavimento, suspensa com guia no pavimento, apoiada em rodas sobre carril
Configurações	uma folha, duas folhas opostas, folhas sobrepostas, folhas opostas e sobrepostas
Largura da folha	640 a 1400 mm, conforme o acabamento
Altura de passagem	1875 a 6070 mm
Largura do vão	até 28 690 mm, na configuração de folhas opostas e sobrepostas
Espaço acima do vão	230 mm (manual ou motor de tração, fixação à parede); 350 mm (motor de corrente)
Cores	branco-cinza (semelhante a RAL 7035), branco C21, RAL 3000, 5010, 6005, 7016, 8019 e 9006, outras sob consulta; imitação madeira em carvalho dourado ou nogueira
Vedação	escovas no topo e nas laterais, borrachas EPDM; ferrolhos em aço galvanizado, com ou sem fechadura
Funcionamento	manual, com motor de tração ou com motor de corrente

Neste documento

- 2** Características técnicas, cores e acabamentos
- 3** Vista isométrica, legenda de cotas e tipos de guia
- 4** Montagem à parede e ao teto, pelo interior e pelo exterior
- 5-6** Configurações e cálculo da largura
- 7** Cálculo da altura e das dimensões adicionais
- 8** Larguras máximas por número de folhas e alturas de passagem

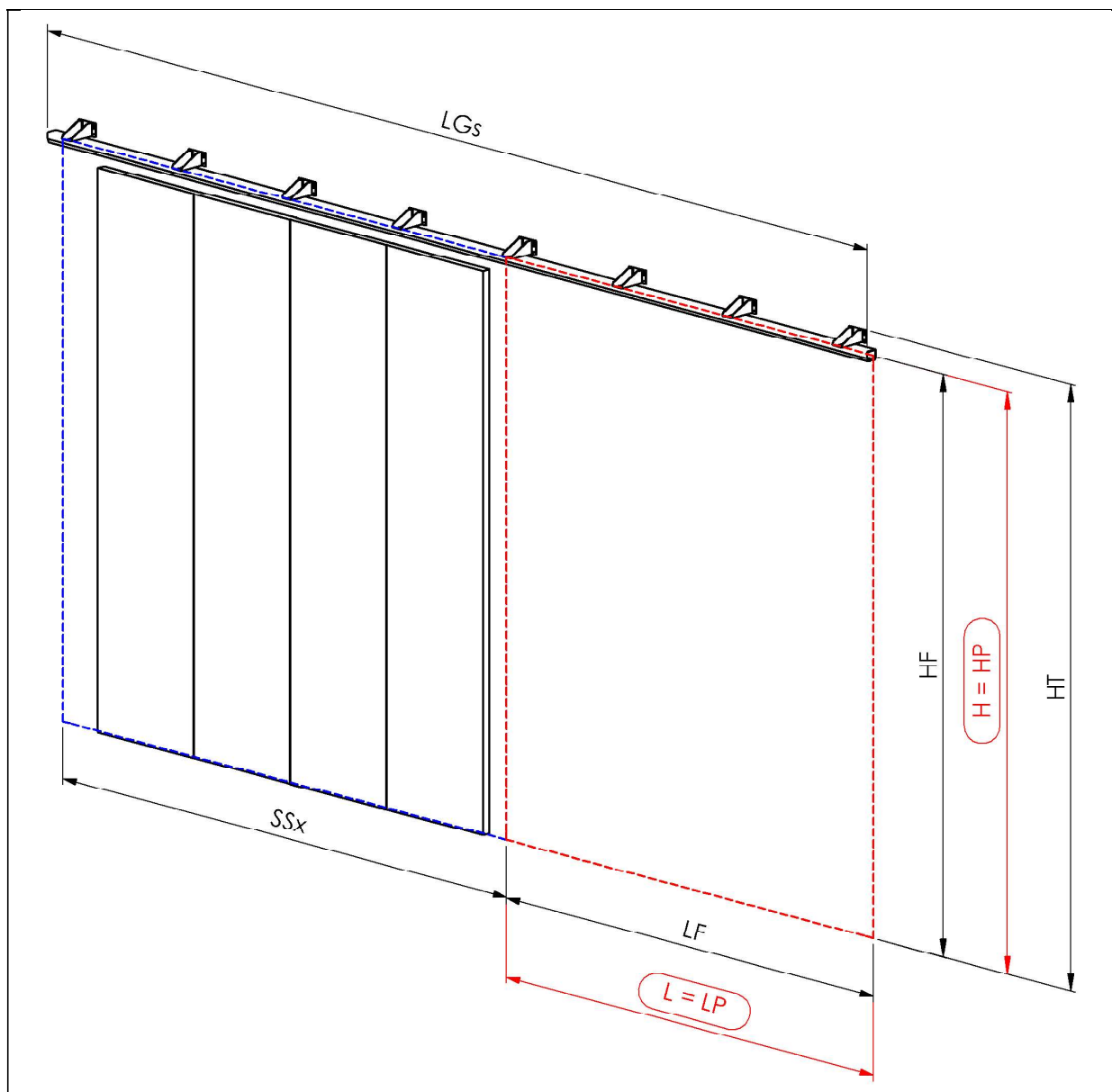
Os valores e desenhos das páginas seguintes são do fabricante e estão em inglês. Para confirmar dimensões, versões ou acabamentos num projeto concreto, contacte a Refral.

Technical features

Feature		Typology	Hanged without track on the floor	Hanged with track on the floor	Landed with wheels on the track	Hanged without track on the floor Vision	Hanged with track on the floor Vision	Landed with wheels on the track Vision	Note
Wing's dimensions/Vision	Widths	Minimum	740						A
		Maximum	1400						A
	Heights	Minimum	1805						B
		Maximum	6000						B
Wings colour internal and external side:	Lacquering - Smooth	White-Grey similar to RAL 7035, white C21	●	●	●	-	-	-	
		Brown similar to RAL 8019, Red RAL 3000, Blue RAL 5010, Green RAL 6005, Grey RAL 7016, Grey RAL 9006	○	○	○	-	-	-	
		Special - Breda RAL chart / Micaceous	○	○	○	-	-	-	C
	Lacquering - Embossed	White C21	●	●	●	-	-	-	
		White C81, Brown C17, Red RAL 3000, Blue RAL 5010, Green RAL 6005, Grey RAL 7016, Grey RAL 9006	○	○	○	-	-	-	
		Special - Breda RAL chart / Micaceous	○	○	○	-	-	-	C
	Wood-like Lacquering	Golden oak Ultra Touch	○	○	○	-	-	-	D
		Walnut Ultra Touch	○	○	○	-	-	-	D
Vision colours	Anodized scotch Brite	Silver, Black	-	-	-	○	○	○	
	Lacquering	White C21	-	-	-	●	●	●	
		White C81, Brown C17, Red RAL 3000, Green RAL 6005, Blue, RAL 5010, Grey RAL 7016, Grey RAL 9006	-	-	-	○	○	○	
		Special from RAL Breda chart	-	-	-	○	○	○	C
	Special Lacquering wood-like	Golden oak	-	-	-	○	○	○	D
		Walnut	-	-	-	○	○	○	D
Surface	Internal and external side	Smooth	●	●	●	-	-	-	
		Stucco embossed	●	●	●	-	-	-	
Sealing systems	Side and upper	Brush and rubber seal	●	●	●	●	●	●	
Profiles brush holder	Aluminium black sallox	Lower, upper and side	●	●	●	-	-	-	
Rubbers		EPDM black	●	●	●	●	●	●	
Lever bolt	Galvanised black	Without lock	●	●	●	●	●	●	
		With lock	○	○	○	○	○	○	
Resistance profiles	Lateral and upper	Pressed-and-bent prelacquered White-Grey sheet	-	●	●	-	●	●	E
Ground track		Galvanized steel	●	●	●	●	●	●	
Upper track	Manual or with Pulling drive motor	Galvanized steel	○	○	○	○	○	○	
	With motor - chain	Steel lacquered black colour	●	●	●	●	●	●	
Supporting brackets	Wall or ceiling	Galvanized steel	●	●	-	●	●	-	
Trolleys		With 4 wheels 45 on dustproof ball bearings	●	●	●	●	●	●	
Pivots	Upper	Galvanized steel	-	●	-	-	●	-	
	Bottom	Galvanized steel	-	-	●	-	-	●	
Rollers	Bottom	Galvanized steel	○	○	○	○	○	○	
Carter and sealing profile	Bent's sheet – prepainted - Smooth	Upper track cover	○	○	○	○	○	○	
		Upper angle bar cover	○	○	-	○	○	-	
		Lower angle bar cover	-	-	○	-	-	○	
		Lower Wheel's cover	●	●	●	●	●	●	
		Upper's sealing	●	●	●	●	●	●	
		Side's ledge	●	●	●	●	●	●	

Notes

A	Attention: - The minimum width of smooth wing with colour White-Grey, RAL 9006 and out of standard colour RAL Breda is 640. - The wing Stucco embossed and smooth wood-like are with minimum Width 690 and maximum 1130. - The wing Vision are with minimum Width 640 and maximum 1200.
B	Attention - The wings with height from 5010 to 5500 are available only with lacquering White-Grey similar RAL 7035 or RAL 9006. For other RAL colours in light shade ask for feasibility. - The wings with height from 5510 to 6000 are available with max width 1190 and lacquering White-Grey only
C	Gloss 10. Attention: no sample colours are accepted
D	The kind of lacquering is the same as on Breda sectional doors'
E	Compulsory accessory



AT.01. Isometric View
Outside installation – Manual sliding - Single arrangement

L	Width	H	Height
LP	Clear width	HP	Clear height
LF	Width of the hole	HF	Height of the hole
SSx	Left space	SDx	Right space
HT	Total height	LGs	Length of the upper track

Types



Without floor track

With floor track

With track for external wheels

With track for built-in wheels

Hanging with floor track

AT.09. Outside installation on the wall	AT.10. Outside installation on the ceiling	AT.11. Inside installation on the wall	AT.12. Inside installation on the ceiling

Hanging without floor track

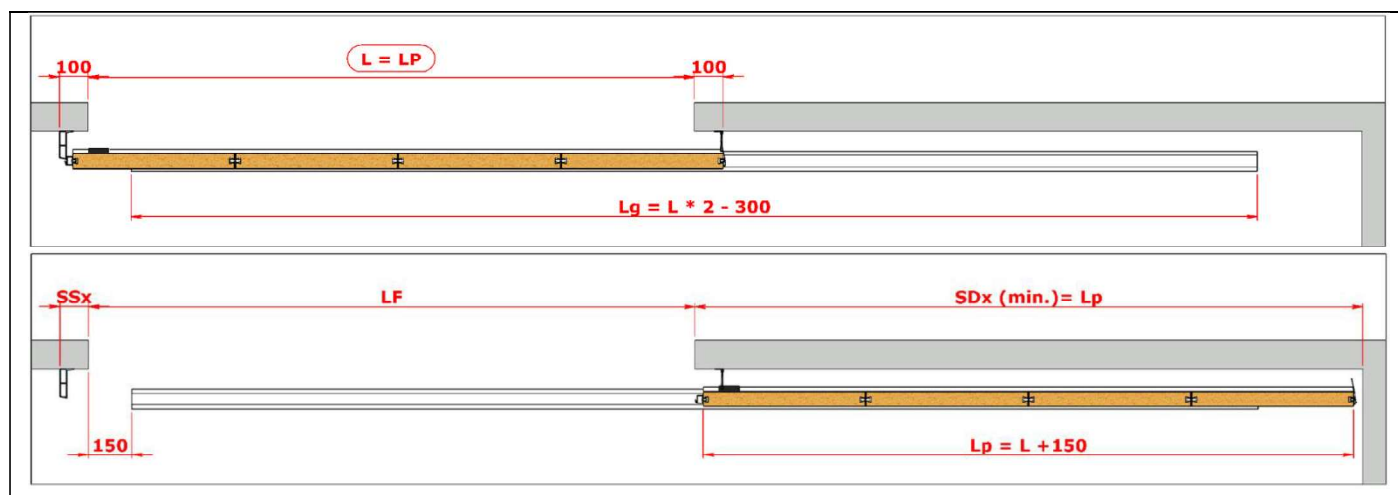
AT.13. Outside installation on the wall	AT.14. Outside installation on the ceiling	AT.15. Inside installation on the wall	AT.16. Inside installation on the ceiling

Leaning with wheels on track

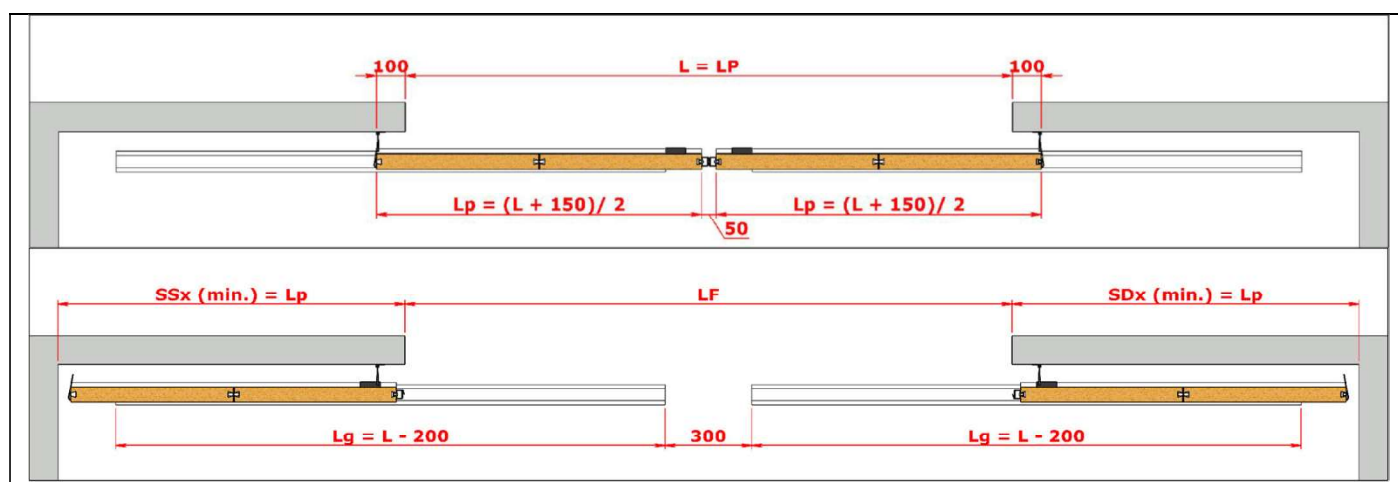
AT.17. Outside installation on the wall	AT.18. Outside installation on the ceiling	AT.19. Inside installation on the wall	AT.20. Inside installation on the ceiling

Calculation of the width

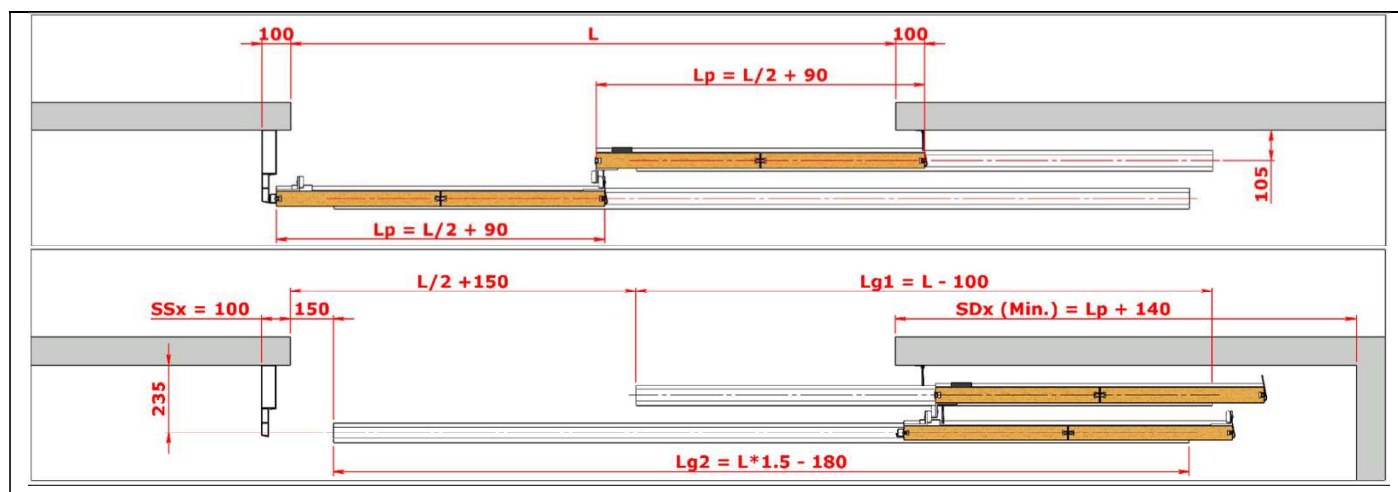
$L = LP$ Width = Clear width



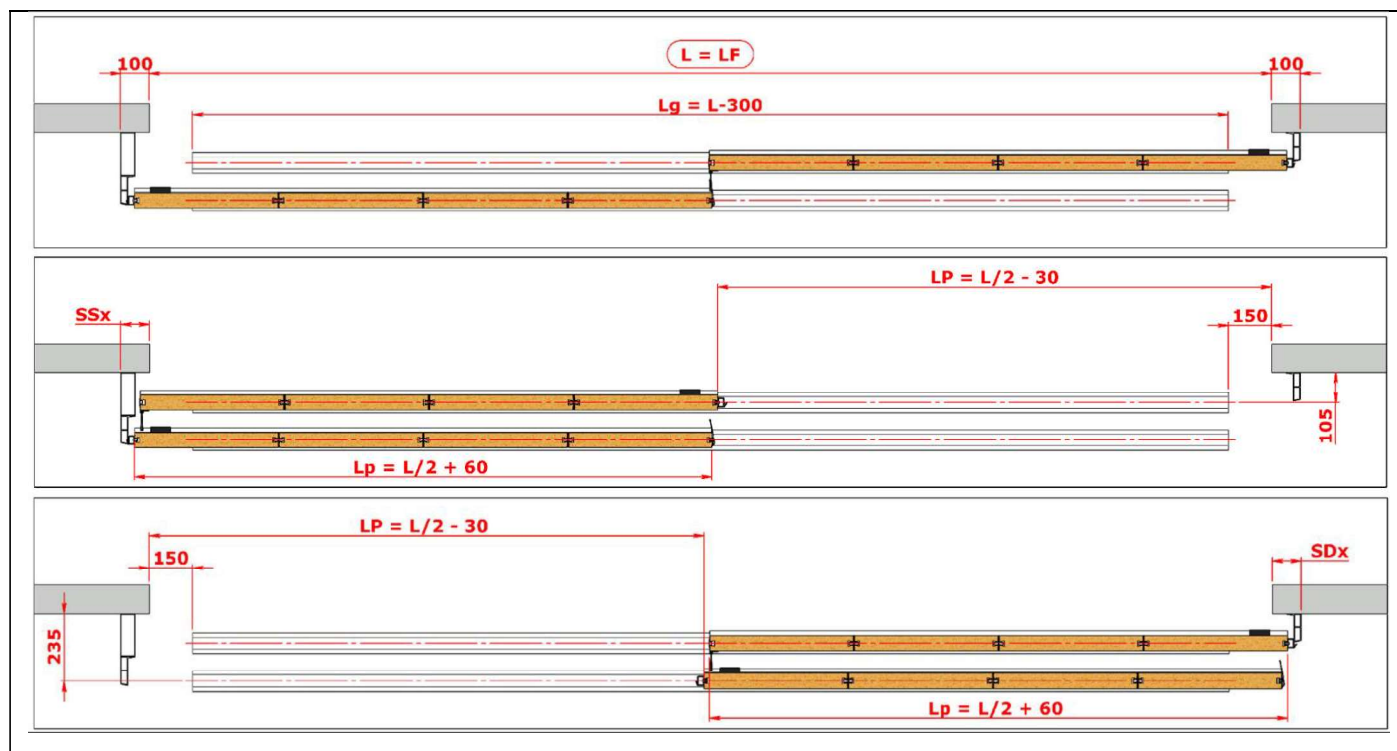
AT.02. Single arrangement right side



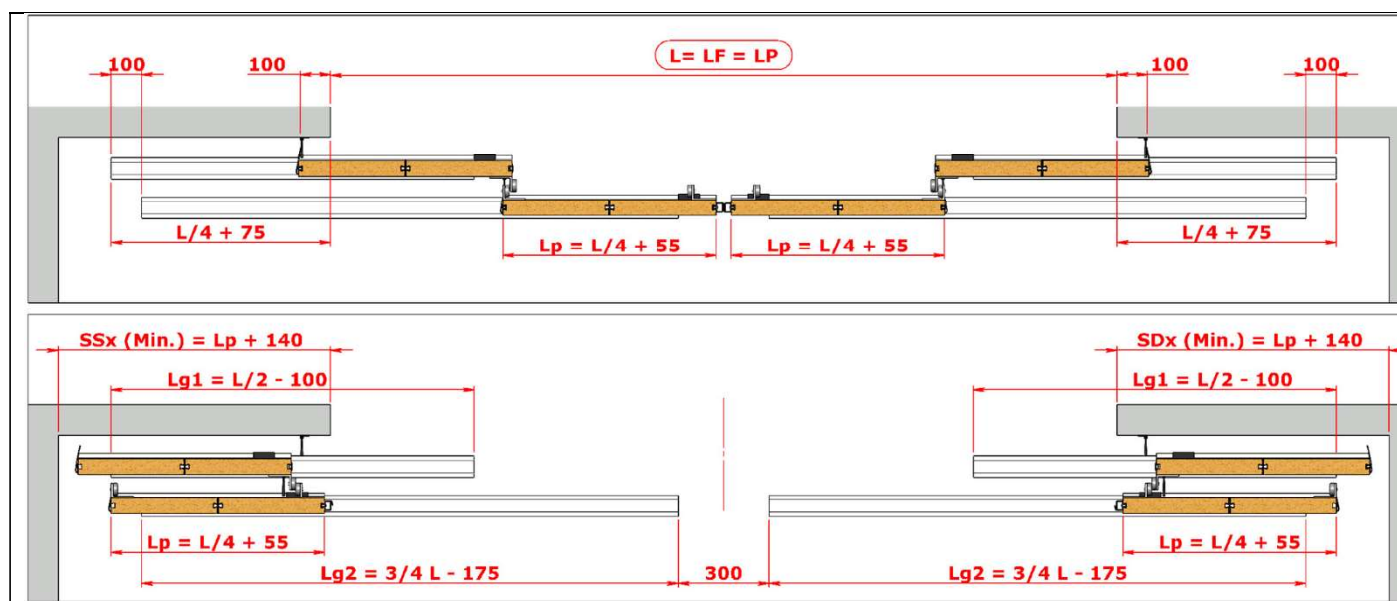
AT.03. Double arrangement opposed



AT.04. Double arrangement overlapped right side with total opening.



AT.05. Double arrangement overlapped right side and partial opening



AT.06. Double arrangements overlapped opposed

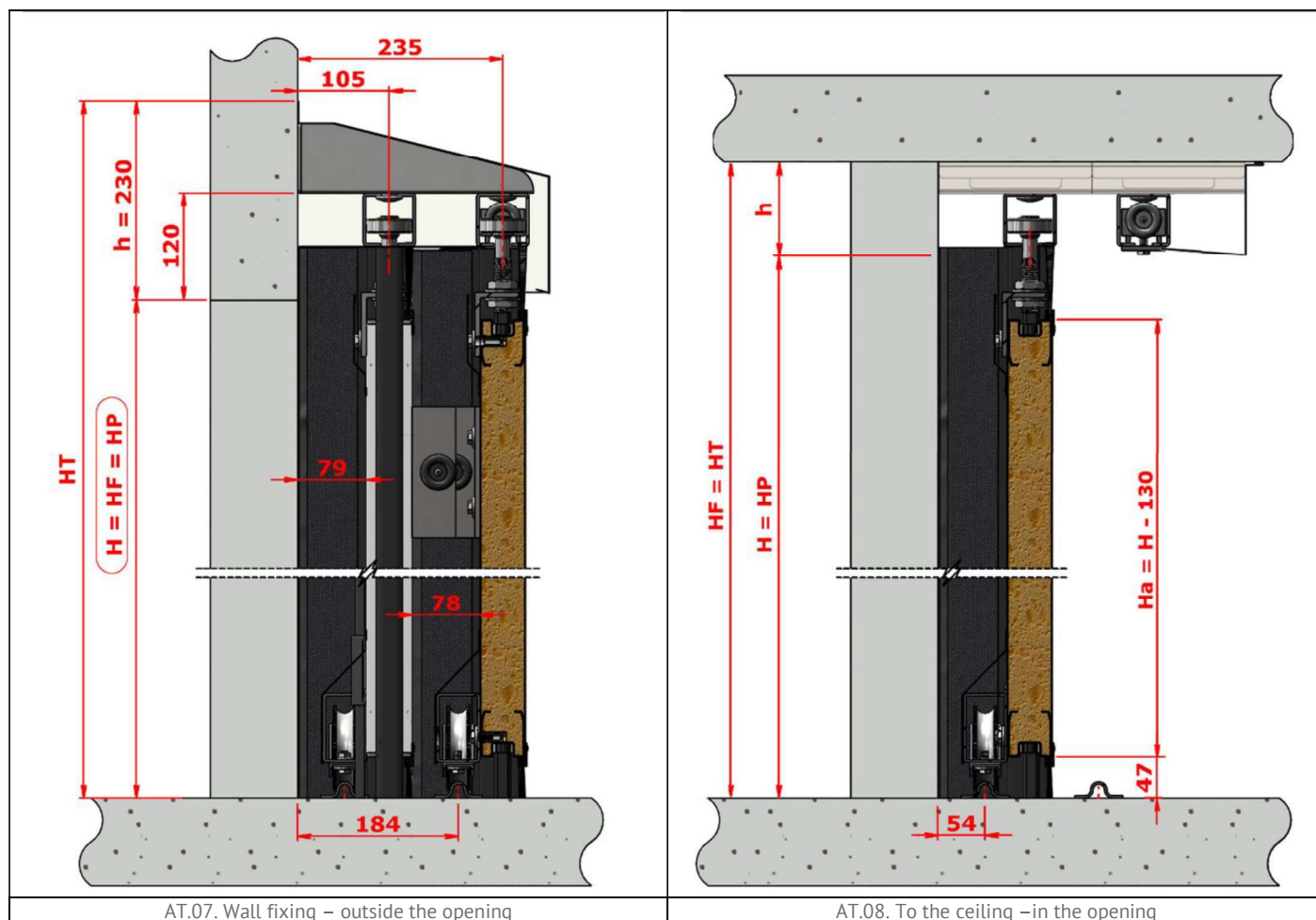
LF	Width of the hole		
SSx	Space for left embrasure	SDx	Space for right embrasure
Lp	Width of wings scheme		
Lg1	Length of lower track 1	Lg2	Length of lower track 2
MSx	Overall dimension for the motor, left side as option	MDx	Overall dimension for the motor, right side as option
		LT	Total width

(*) In case of arrangement for future motorization or motors with chain, please check the technical details with Refral.

Calculation of the height

H = HP	See picture	AT.07	AT.08
	Height = Clear Height	HF	HF - h

h	See picture		AT.06	AT.07
	Headroom required for the installation of the track	Manual or with polling drive motor	230	110
		With motor, with chain, or with arrangement	350	180



Maximum dimensions

LT	Total width	Manual	LP + SSx + SDx
		With arrangement or with motor	LP + SSx + SDx + MSx + MDx

HT	Total height	HP + h
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Calculation of additional dimensions

Dimensions of the wing

	See picture	AT.02	AT.03	AT.04	AT.05
La	Width of the wing	$((LP + 155 / N) - 5)$	$((LP + 160) / N) - 5$	$((LP + 190) / N) - 5$	$((LP + 110) / N) - 5$

	Type	Hanged without track		Hanged with track		Leaned with track	
	See picture	AT.06	AT.07	AT.06	AT.07	AT.06	AT.07
Ha	Height of the wing	HP - 70	HP - 130	HP - 70	HP - 130	HP - 70	HP - 130

Calculation of the length of the ground track

	See picture	AT.02	AT.03	AT.04	AT.05	AT.06
LGi1	length of the ground track 1	$(LP * 2) - 300$	$(LP - 200) * 2$	LP - 100	LP - 300	$[(LP / 2) - 100] * 2$
LGi2	length of the ground track 2	-	-	$(3/2 LP) - 180$	LP - 300	$(3/4 LP - 175) * 2$

Calculation of the cover's length

	See picture	AT.02 - 03	AT.04-06	AT. 05
LC	Length of carter	$(LP * 2) + 400$	$(3/2 LP) + 400$	LP + 400

Denomination of the arrangements and width dimensions

Stucco embossed or Smooth (Similar wood)

See picture AT.02	
Single folding	
Number of Wings	LF max
2	2115
3	3250
4	4385
5	5520
6	6655

Smooth

See picture AT.02	
Single folding	
Number of Wings	LF max
2	2655
3	4060
4	5465
5	6870

Vision

See picture AT.02	
Single folding	
Number of Wings	LF max
2	2255
3	3460
4	4665
5	5870
6	7075

See picture AT.03	
With double opposed folding arrangement	
Number of wings each scheme	LF max
1	2110
2	4380
3	6650
4	8920
5	11190
6	13460

See picture AT.03	
With double opposed folding arrangement	
Number of wings each scheme	LF max
1	2650
2	5460
3	8270
4	11080
5	13890

See picture AT.03	
With double opposed folding arrangement	
Number of wings each scheme	LF max
1	2250
2	4660
3	7070
4	9480
5	11890
6	14300

See picture AT.04	
Double overlapped wing	
Number of wings each scheme	LF max
1	2080
2	4350
3	6620
4	8890
5	11160
6	13430

See picture AT.04	
Double overlapped wing	
Number of wings each scheme	LF max
1	2620
2	5420
3	8240
4	11050
5	13860

See picture AT.04	
Double overlapped wing	
Number of wings each scheme	LF max
1	2220
2	4630
3	7040
4	9450
5	11860
6	14270

See picture AT.05	
Double opposed overlapped wings	
Number of wings each scheme	LF max
1	4310
2	8850
3	13390
4	17930
5	22470
6	27010

See picture AT.05	
Double opposed overlapped wings	
Number of wings each scheme	LF max
1	5390
2	11010
3	16630
4	22250
5	27870

See picture AT.05	
Double opposed overlapped wings	
Number of wings each scheme	LF max
1	4590
2	9410
3	14230
4	19050
5	23870
6	28690

Passage Heights

Hanging without floor track	
HF	
Min	Max
1875	6070

Hanging with floor track	
HF	
Min	Max
1875	6070

Leaning with wheels on track	
HF	
Min	Max
1875	6070