



PRODUCT DATA SHEET
R1 ADP C ROLLING DOOR



THERMO-INSULATED ALUMINIUM DOOR

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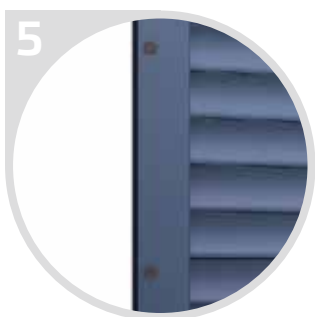
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R1 ADP C DOOR WITH SIDE SLIP-ON DRIVE

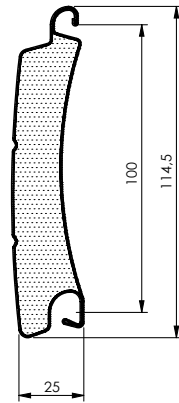
DETAILED INSIDE VIEW



R1 ADP C PRODUCT CHARACTERISTICS

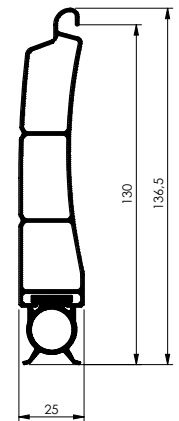
R1 ADP C – PROFILES

- Aluminum, double-walled, **100 mm** high and **25 mm** thick.
- Filled with CFC-free polyurethane foam.
- Ended with plastic anchors preventing the profiles from sliding apart.
- Standard colour: Silver (similar to RAL 9006), White (similar to RAL 9016), Grey (similar to RAL 7038), Dark Brown (similar to RAL 8019), Brown (similar to RAL 8014), Anthracite (similar to RAL 7016).
- Shell weight **7 kg/m²**.



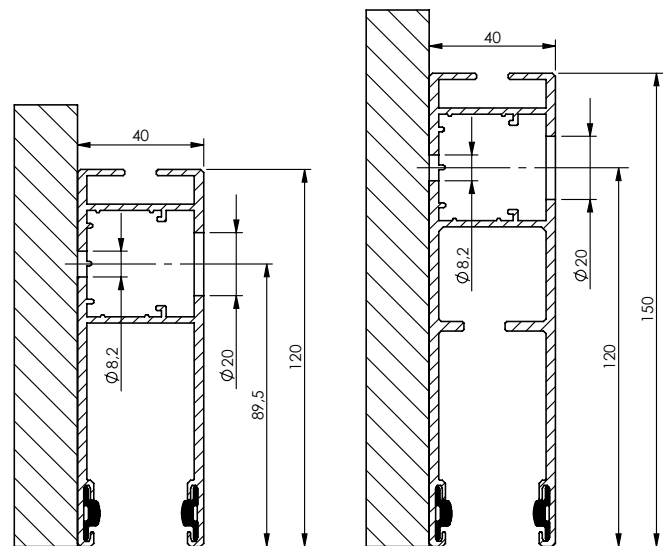
BOTTOM STRIP

- Aluminum, double-walled.
- Equipped with a rubber gasket.
- Standard colour: Silver (similar to RAL 9006), White (similar to RAL 9016), Grey (similar to RAL 7038), Dark Brown (similar to RAL 8019), Brown (similar to RAL 8014), Anthracite (similar to RAL 7016). Varnishing the strip in RAL colours extra charged.



GUIDING TRACKS

- Aluminum, **120 mm** or **150 mm** wide, with storm hooks, depending on the width of the gate
- Equipped with metal-polyamide guide rollers
- Mounting holes placed every 500mm (max.), with plugs.
- Standard colour: Silver (similar to RAL 9006), White (similar to RAL 9016), Grey (similar to RAL 7038), Dark Brown (similar to RAL 8019), Brown (similar to RAL 8014), Anthracite (similar to RAL 7016). Varnishing the guiding tracks in RAL colours extra charged.



GASKETS

- Upper: rubber lintel gasket, **85 mm wide**, mounted on the lintel.
- **Lower:** rubber gasket in the lower strip, additionally eliminating minor unevenness of the substrate.

DRIVE

- GFA side slip-on drive. Designed for intensively used doors.

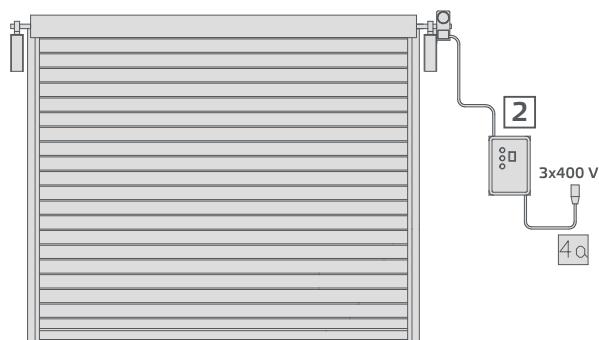
WINDING SHAFT

- Made of steel, gray.
- Mounted on fixed consoles with a pedestal or rolling bearing; hot dip galvanized.

CONTROL SYSTEMS AVAILABLE FOR R1 ADP C ROLLING DOORS

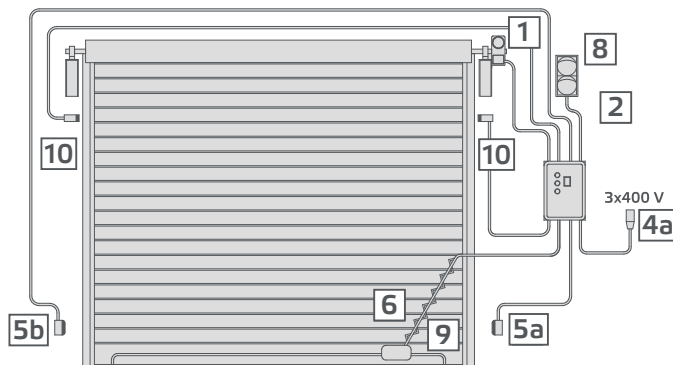
TOTMANN

Control in Deadman mode by using the up/stop/down buttons. Opening the door by pressing and releasing the up button once, while closing the door by keeping the down button pressed.



IMPULS

Impuls mode control (optional). It is an advanced control unit with many configuration options.



- 1 - motoreducer
- 2 - control unit (TS 959 Totman, TS 971/981 Impuls)
- 3a - two-position surface-mounted key switch
- 3b - one-position surface-mounted key switch
- 4a - power supply - 1 m cable with CEE 5-pin 16A plug
- 4b - power supply - direct connection (no plug)
- 5a - (option) photo cell
- 5b - (option) photo cell (n/a with reflector photocells)

- 6 - spiral cable/junction box
- 7 - emergency brake
- 8 - (option) signal lamp / beacon
- 9 - optical edge protection
- 10 - (option) protection against winding onto the shaft

TECHNICAL DATA OF R1 ADP C

Maximum size (width x height)	Dimension table p. 10
Profile thickness	25 mm
Shell material	Aluminium
Filling	PU foam
Shell weight	7 kg/m ²
Shell colour	Silver, white, grey, dark brown, brown, anthracite gray
Electric drive	Side drive, three-phase GFA 400 V motor as standard
Opening speed	~0,2 m/s (the speed depends on the shaft diameter and the motor rotation speed)
Closing speed	~0,2 m/s (the speed depends on the shaft diameter and the motor rotation speed)
Maximum number of cycles per hour	5-10 cycles per 1 hour (30 cycles per 1 hour - extra option)
Wind resistance class acc. to EN 12424	Class 3 ≤ 4000 mm, Class 4 > 4000 mm and ≤ 6850 mm as standard
Warranty	2 years

DRIVE PARAMETERS FOR R1 ADP C



GFA side slip-on drive. Designed for intensively used doors (as standard with R1 ADP C)

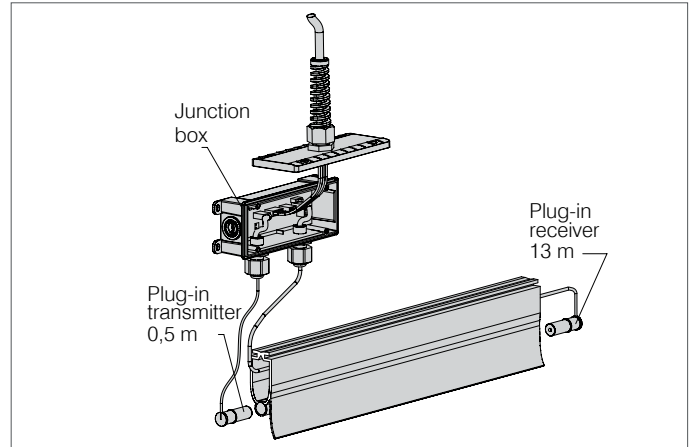
Parameters	Motor model				
	SI 14.20	SI 17.15	SI63 25.15	SI 25.15-30.00GH	SI 40.15
Torque Nm	140	170	250	250	400
Catching torque Nm	310	420	510	635	760
Rotation speed min ⁻¹	20	15	15	15	15
Motor power kW	0,45	0,4	0,55	1,1	0,85
Voltage V	3~240/400	3~240/400	3~240/400	3~240/400	3~240/400
Frequency Hz	50	50	50	50	50
Motor current A	3.4/2.0	3.7/2.2	4.0/2.3	4,5	4.4/2.6
Max. number of cycles per 1 hour	10	10	10	30	8
IP rating	65	65	65	54	65
Motor weight kg	13	16	19	33	23
Drive shaft diameter mm	25	30/40	30/40	30	40

Parameters	Motor model			
	SI 55.15	SI 75.15	SI 100.10	SI 140.7
Torque Nm	550	750	1000	1400
Catching torque Nm	1100	2800	2800	2800
Rotation speed min ⁻¹	15	15	10	7
Motor power kW	1,1	1,1	1,3	1,1
Voltage V	3~240/400	3~240/400	3~240/400	3~240/400
Frequency Hz	50	50	50	50
Motor current A	7.2/4.2	8.1/4.7	11.2/6.5	7.0/4.1
Max. number of cycles per 1 hour	8	7	6	5
IP rating	65	65	65	65
Motor weight kg	30	42	46	51
Drive shaft diameter mm	40	55	55	55

PROTECTION DEVICES FOR IMPULS CONTROL SYSTEM

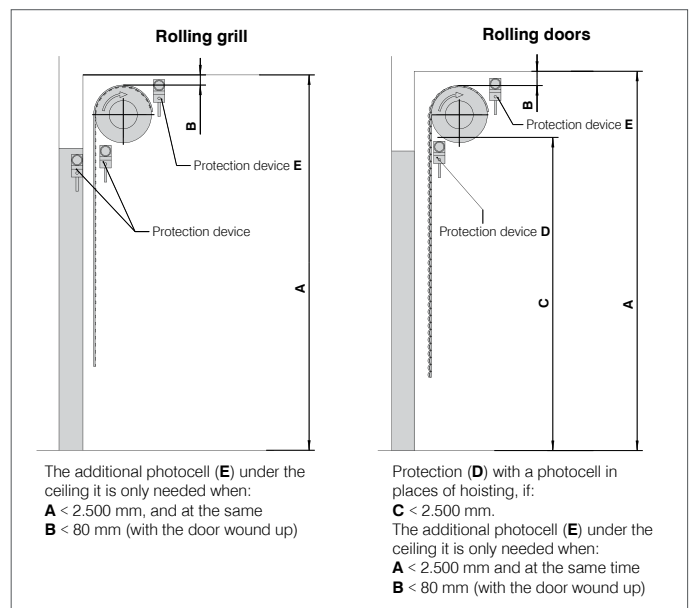
OPTICAL EDGE PROTECTION

Protection device fitted as standard to each () door and rolling grill in the automatic control version (Impulse) active during closing. In the event of encountering an obstacle, optical edge protection generates a signal to the control unit to stop the automatic closing. The system complies with the EN ISO 13849-1 standard and safety category 2.



FUNCTION DESCRIPTION

The photocell transmitter generates infrared light, which is recognized by the receiver included in the set. The dynamic signal is identified and verified by the control unit. If the signal does not reach the receiver, e.g. due to the light beam being interrupted, a STOP command is immediately generated in the control unit.



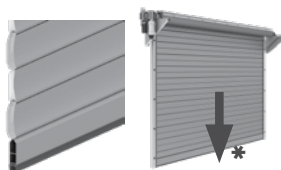
MINIMUM LEVELS OF SECURITY FOR THE MAIN CLOSING EDGE OF THE DOOR ACC. TO PN-EN 12453:2017			
Startup method	Garage doors	Industrial doors	
	Trained users (non-public area) TYPE 1	Trained users (public area) TYPE 2	Untrained users TYPE 3
Deadman control (Totmann)	A	B	unacceptable
Impulse control with a view of the door	C or E	C or E	C and D, or E
Impulse control with no view of the door	C or E	C and D, or E	C and D, or E
Automatic control (maintenance-free)	C and D, or E	C and D, or E	C and D, or E



A – Deadman button control.



B – dead man control with key switch.



C – force limitation according to Annex A of the PN-EN 12453:2017 standard or by pressure-sensitive devices (PSPE or ESPE).
PSPE – pneumatic edge strips.
ESPE – electric edge strips.
*** Amperometric force measurement** – overload sensor built into the motor.





D – devices detecting the presence of persons or obstacles located on the ground on one side of the door, e.g. photocells.
NOTE In case of using combination C + D, it is required that device D be checked periodically at intervals of not more than 6 months.



E – presence detection devices designed and installed in such a way that under no circumstances can a person come into contact with the moving shell of the rolling door, e.g. light grids.

EMERGENCY RELEASE IN R1 ADP C

Types of emergency release in doors with a side-mounted slip-on drive	
	
Emergency opening with crank (as standard)	Emergency opening with chain (optional, extra charged)

OPTIONAL PROTECTION DEVICES R1 ADP C

TWO-WAY PHOTOCELL

Emits and receives a light beam reflected by the mirror. Protects the door in one line. Mounted 500 mm above the floor. The cable is fed only to the transmitting photocell. Option available in the Impuls control version.



ONE-WAY PHOTOCELL

Emits and receives a beam of light. It secures the door in one line. Mounted 500mm above the floor. The cable is fed to both photocells. Option available in the Impuls control version.



OPTICAL EDGE PROTECTION

Two light sensors mounted in the seal of the bottom strip. When an obstacle is encountered during operation, they change the direction of the door movement. As standard in the Impuls control version.



OPTICAL PROTECTION - LIGHT CURTAIN

The strip with photocell rows is mounted behind the vertical guiding track. Intersection of the photocell beams leads to a change in the direction of the door movement. It detects objects in the gate opening without contact with the edge of the door shell. Protects the gate opening up to a height of ≤ 2500 mm. Available as an option in the Impuls control version.



BEACON

Informs about door movement. Generates orange, pulsating light. Option available in the Impuls control version.



TRAFFIC LIGHT

Two-colour traffic light: green and red. Option available in the Impulse control version.



EXTRA CHARGED ADD-ONS FOR R1 ADP C ROLLING DOOR

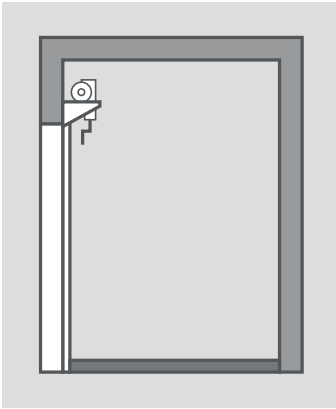
ADD-ON NAME	COMMENTS
TS 971 Impuls mode control	optical edge protection, control unit TS971 with built-in RTS GFA receiver
TS 971 XL Impuls mode control TS 971	optical edge protection, control unit TS971 XL with built-in RTS GFA receiver
TS 981 Impuls mode control TS 971	optical edge protection, control unit TS981 - motion control
emergency opening with chain	5 m long chain (working length 2.5 m) as standard
lock in the bottom strip	one-sided, microswitch included
double-sided varnishing of the bottom strip in colours from the RAL palette	due to the nature of operation, rolling the shell may cause abrasion of varnish coatings, which is not a basis for complaint)
painting the guide tracks in a colour from the RAL palette	RAL colours except from: pearl, metallic, fluorescent
drive - 30 cycles per hour	SI 25.15-30,00GH drive with emergency opening using a crank controlled from the drive level

ON-SITE CONDITIONS FOR R1 ADP C

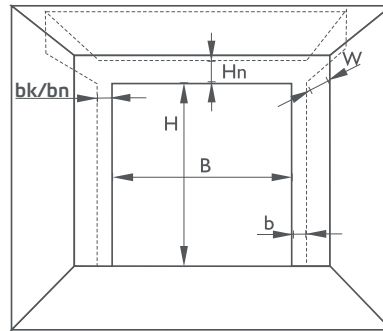
DIMENSION TABLE																																								
H / W	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	6850																			
2000	A																																							
2250																																								
2500																																								
2750																																								
3000																																								
3250																																								
3500	B																																							
3750																																								
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4250																																								
4500																																								
4750																																								
5000																																								
5250	WHEEL CONSOLES NO POSSIBILITY TO USE HOUSING																																							
5500																																								
5750																																								
6000																																								
6250																																								
6500																																								
6750																																								
6850																																								
Wind load resistance																					Class 3										Class 4									
Storm hooks																					NO										YES									
Guide tracks	PP120										PP150																													

30 CYCLES PER HOUR DRIVE APPLICATION																																								
W / H	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	6850																			
2000	YES																																							
2250																																								
2500																																								
2750																																								
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Wind load resistance																					Class 3										Class 4									
Storm hooks																					NO										YES									
Guide tracks	PP120										PP150																													

ON-SITE CONDITIONS FOR R1 ADP C



B max	= 6850 mm
b min	= 130/160 mm
bk min	= 310/340 mm
bn min	= 440/470 mm
H max	= 6850 mm
W min	= 550 mm
Wn min	= 850 mm
Hp	= H

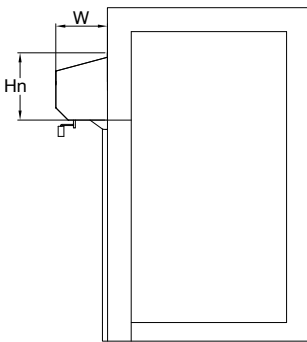


measurement method,
view from inside the room

- B** - opening width
- b** - width of jambs
- bk** - jamb width on the console
- bn** - jamb width at the height of the console with drive
- H** - opening height
- Hn** - lintel height
- Hp** - passage height
- W** - built-in depth

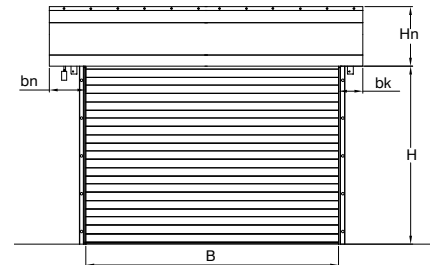
SHAFT HOUSINGS WITH SIDE SLIP-ON DRIVE

DOORS R1 SDP, R1 ADP C, R1 ADP, R1 SSP, R1 ASP | GRILLES R2 SSP, R2 SCP, R2 SPP, R2 APP, R2 AMP

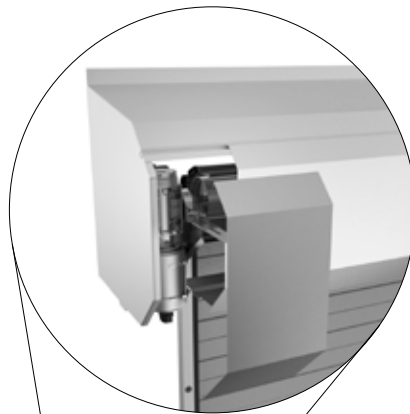


	Housing Size Type	
	A	B
bk min	390/420 mm	390/420 mm
bn min	540/570 mm	540/570 mm
Hn min*	743 - 862 mm	823 - 967 mm
W min	550 mm	680 mm

* Hn min - respective lintel height can be found on the offer confirmation.

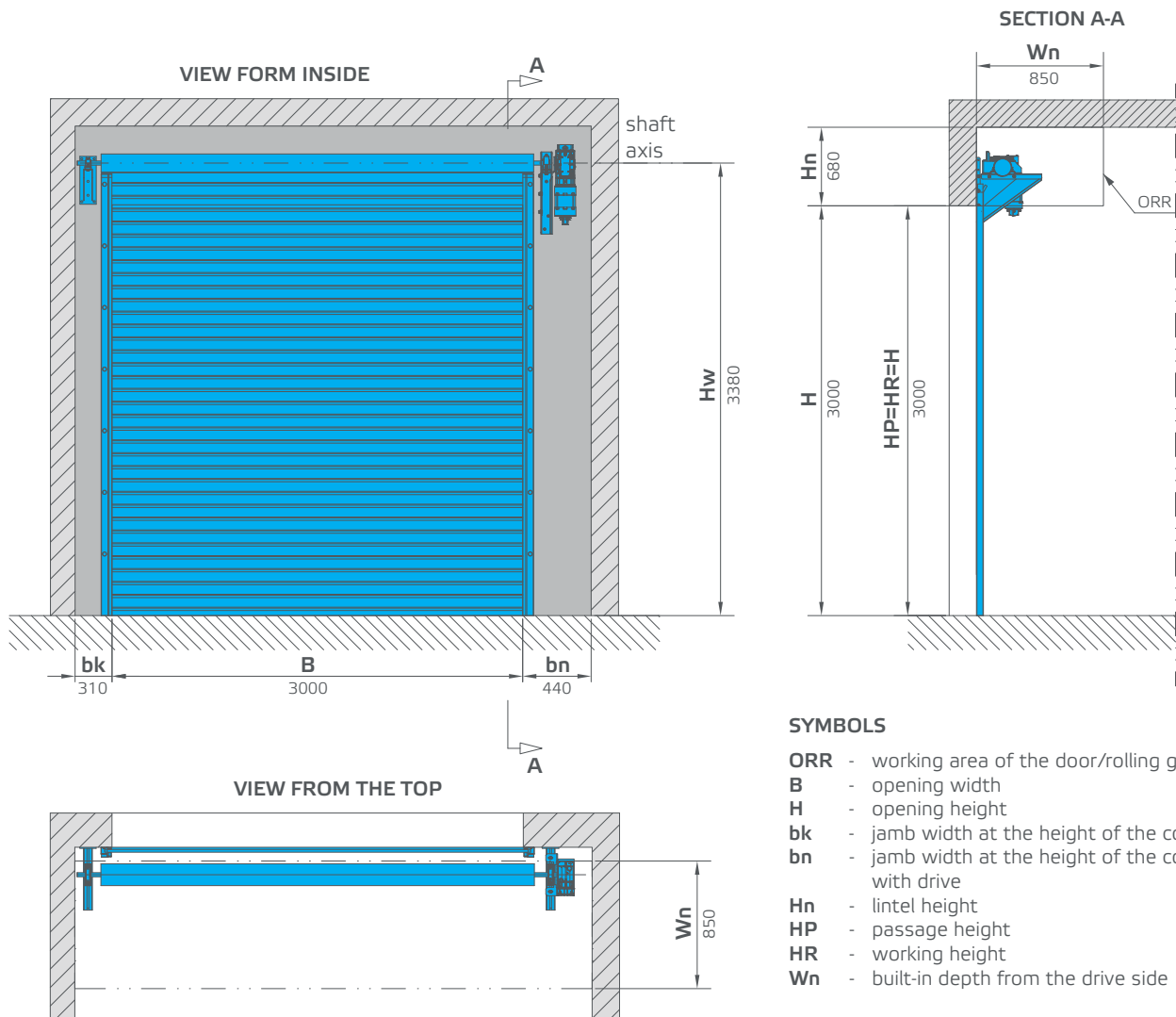


- bk** - width of the jamb to the height of the console
- bn** - jamb width at the height of the console with drive
- Hn** - lintel height
- W** - built-in depth



ARCHITECTURAL PLAN FOR R1 ADP C

The plan is prepared for a door with dimensions of 3000 by 3000 mm; other door dimensions should be calculated analogously by selecting the parameter values from the table.



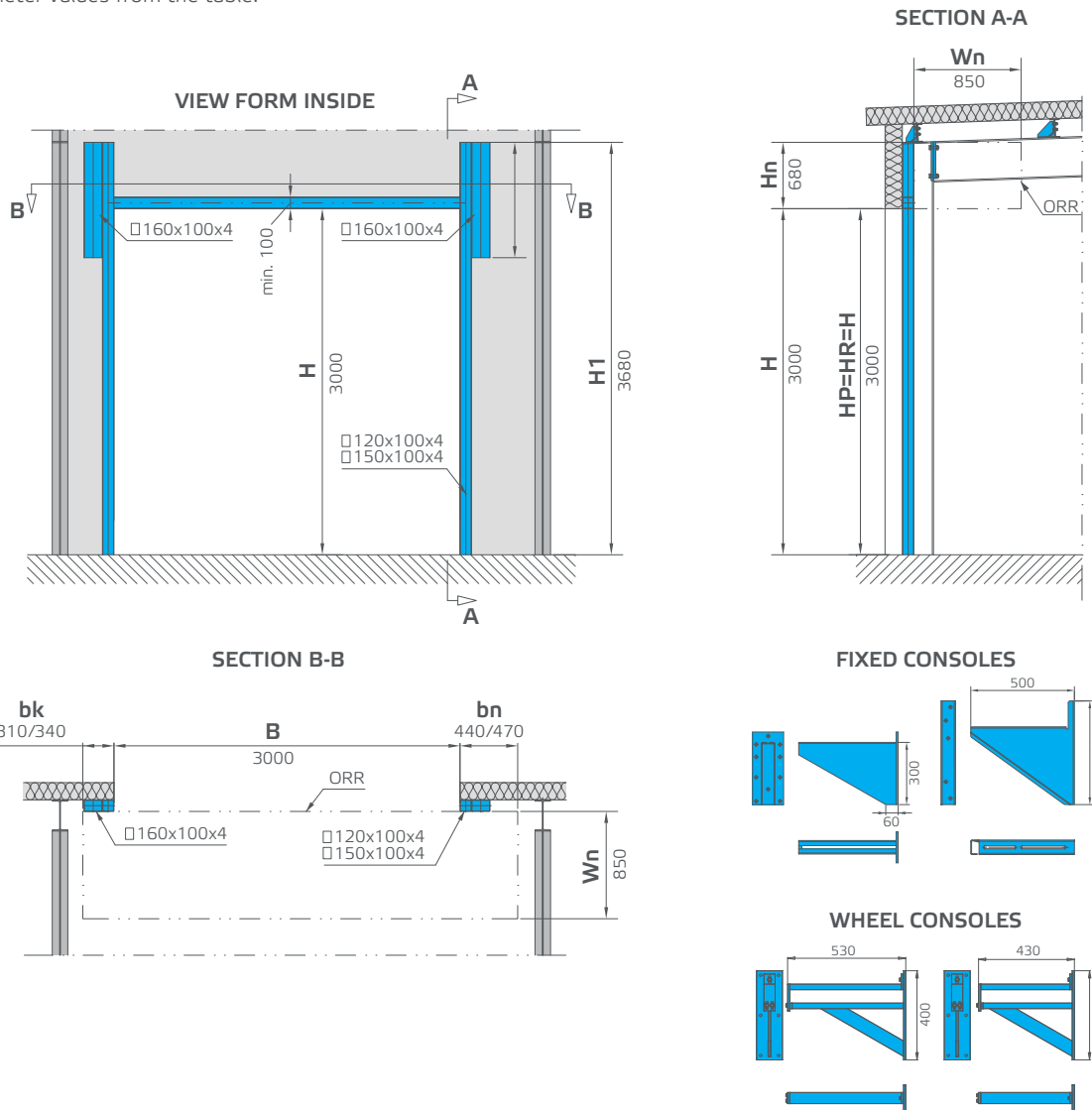
SYMBOLS

- ORR** - working area of the door/rolling grille
- B** - opening width
- H** - opening height
- bk** - jamb width at the height of the console
- bn** - jamb width at the height of the console with drive
- Hn** - lintel height
- HP** - passage height
- HR** - working height
- Wn** - built-in depth from the drive side

Symbol	Limit dimensions [mm]	Dimensions of the door on the drawing [mm]
B	6850	3000
H	6850	3000
Hn	967	680
Q	max. 420 [kg]	180
bn	min. 470	440
bk	min. 340	310
Wn	850	850
HP=HR	H	HP=HR=H
H1	7817	3680

ARCHITECTURAL PLAN FOR R1 ADP C

The plan is prepared for a door with dimensions of 3000 by 3000 mm; other door dimensions should be calculated analogously by selecting the parameter values from the table.



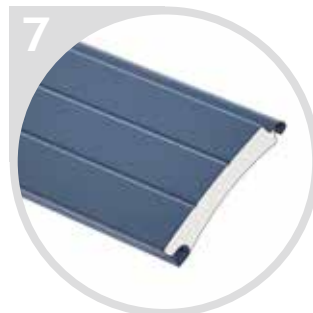
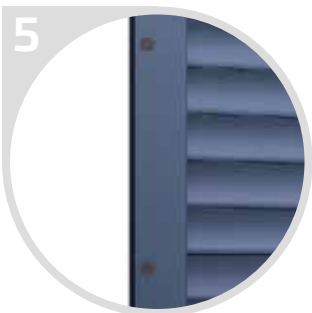
SYMBOLS

- ORR** - working area of the door/rolling grille
- B** - opening width
- H** - opening height
- bk** - jamb width at the height of the console
- bn** - jamb width at the height of the console with drive
- Q** - weight of the door/rolling grille [kg]
- H1** - height from the floor to the top of the supporting structure
- Hn** - lintel height
- HP** - passage height
- HR** - working height
- Wn** - built-in depth from the drive side

Symbol	Limit dimensions [mm]	Dimensions of the door on the drawing [mm]
B	6850	3000
H	6850	3000
Hn	967	680
Q	max. 420 [kg]	180
bn	min. 470	440
bk	min. 340	310
Wn	850	850
HP=HR	H	HP=HR=H
H1	7817	3680

R1 ADP C DOOR WITH TUBULAR MOTOR DRIVE

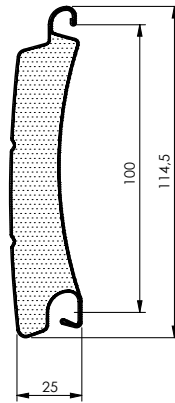
DETAILED VIEW FORM INSIDE



PRODUCT CHARACTERISTICS FOR R1 ADP C

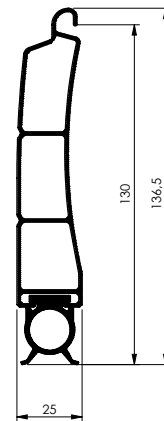
R1 ADP C – PROFILES

- Aluminum double-walled with a height of **100 mm** and A thickness OF **25 mm**.
- Filled with CFC-free polyurethane foam.
- Finished with plastic anchors that prevent the profiles from sliding apart.
- Standard colour: Silver (similar to RAL 9006), White (similar to RAL 9016), Grey (similar to RAL 7038), Dark Brown (similar to RAL 8019), Brown (similar to RAL 8014), Anthracite (similar to RAL 7016).
- Shell weight **7 kg/m²**.



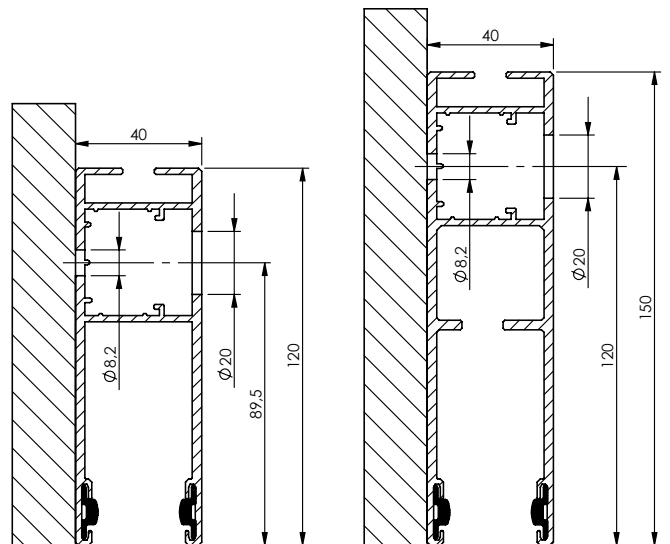
BOTTOM STRIP

- Aluminum, double-walled.
- Equipped with a rubber gasket.
- Standard colour: Silver (similar to RAL 9006), White (similar to RAL 9016), Grey (similar to RAL 7038), Dark Brown (similar to RAL 8019), Brown (similar to RAL 8014), Anthracite (similar to RAL 7016). Varnishing the strip in RAL colours extra charged.



GUIDING TRACKS

- Aluminum, 120 mm or 150 mm wide, with storm hooks, depending on the width of the gate.
- Equipped with metal-polyamide guide rollers.
- Mounting holes placed approx. every **250 - 400 mm**, with plugs.
- Standard colours: Silver (similar to RAL 9006), White (similar to RAL 9016), Grey (similar to RAL 7038), Dark Brown (similar to RAL 8019), Brown (similar to RAL 8014), Anthracite (similar to RAL 7016). Varnishing guide tracks in RAL colours extra charged.



GASKETS

- **Upper:** rubber lintel gasket, **85 mm** wide, mounted on the lintel.
- **Lower:** rubber gasket in the lower strip, additionally eliminating minor unevenness of the substrate.

DRIVE

- The internal tubular drive significantly changes (reduces) the installation conditions.

WINDING SHAFT

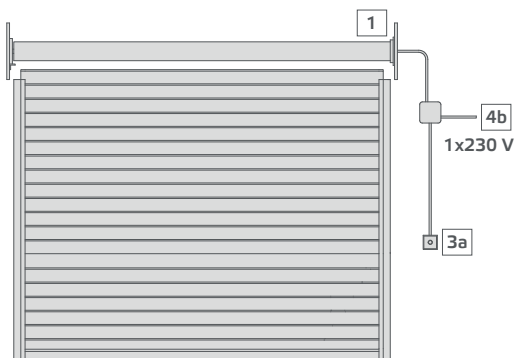
- Made of steel, gray.
- Mounted on fixed consoles; hot dip galvanized.

CONTROL SYSTEM AVAILABLE FOR R1 ADP C

TUBULAR SIDE DRIVE

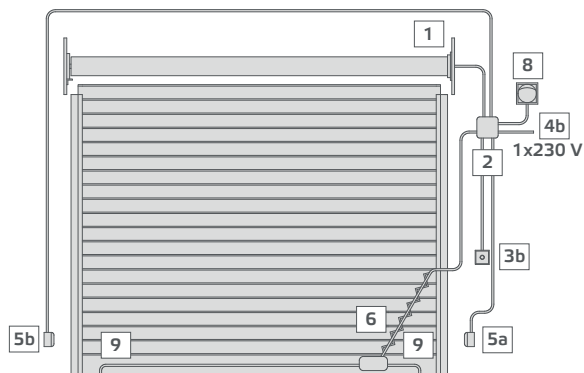
TOTMANN

Control in Totmann mode using a key switch. The gate is opened by turning the key in the appropriate direction.



IMPULS

Control in Impuls mode (option). This is an advanced control unit with many configuration options.




- 1 - motoreducer
- 2 - control unit (Rollixo Optimo Impuls)
- 3a - two-position surface-mounted key switch
- 3b - one-position surface-mounted key switch
- 4b - power supply - 230 V
- 5a - (option) photocell
- 5b - (option) photocell (n/a with reflector photocells)
- 6 - spiral cable/junction box
- 8 - (option) signal/warning lamp
- 9 - optical edge protection

TECHNICAL DATA FOR R1 ADP C

TUBULAR SIDE DRIVE

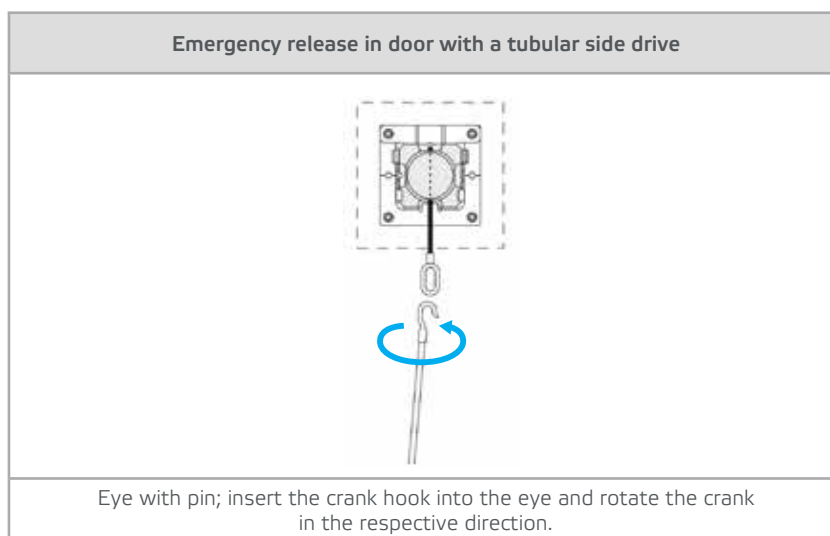
Maximum size (width x height)	Dimension table p.19
Profile thickness	25 mm
Shell material	Aluminium
Filling	PU foam
Shell weight	7 kg/m ²
Shell colour	Silver, white, grey, dark brown, brown, anthracite gray
Electric drive	Tubular side drive 230 V
Opening speed	~0,12 m/s (the speed depends on the shaft diameter and the motor rotation speed)
Closing speed	~0,12 m/s (the speed depends on the shaft diameter and the motor rotation speed))
Maximum number of cycles per hour	10 cycles per day (maximum continuous motor operation time - 4 min)
Wind resistance class acc. to EN 12424	Class 3 ≤ 4000 mm, Class 4 > 4000 mm and ≤ 5500 mm as standard
Warranty	2 years

PARAMETERS OF TUBULAR SIDE DRIVES FOR R1 ADP C ROLLING DOORS

	Internal tubular drive (option for R1 ADP C doors without extra charge). Significantly reduces opening dimensions.			
	Motor model			
Parameters	T8S DMI 150	T8S DMI 200	T8S DMI 250	T8S DMI 300
Torque Nm	150	200	250	300
Max. number of rotations in one direction	17	17	17	17
Rotation speed min⁻¹	8	8	8	8
Max shell weight kg	156	208	259	311
Motor power kW	450	710	710	855
Voltage V	230	230	230	230
Frequency Hz	50	50	50	50
Control system voltage V	230	230	230	230
Motor current A	2	2,5	3,2	3,9
IP rating	44	44	44	44
Ambient temperature range °C	-20/+60	-20/+60	-20/+60	-20/+60
Motor weight kg	11	12,5	13	13,5
Drive shaft diameter mm	133	133	133	133

EMERGENCY RELEASE FOR R1 ADP C

TUBULAR SIDE DRIVE



OPTIONAL PROTECTION DEVICES R1 ADP C

TUBULAR SIDE DRIVE

TWO-WAY PHOTOCELL

Emits and receives a light beam reflected by the mirror. Protects the door in one line. Mounted 500 mm above the floor. The cable is fed only to the transmitting photocell. Option available in the Impuls control version.



ONE-WAY PHOTOCELL

Emits and receives a beam of light. It secures the door in one line.
Mounted 500mm above the floor. The cable is fed to both photocells. Option available in the Impuls control version.



OPTICAL EDGE PROTECTION

Two light sensors mounted in the seal of the bottom strip. When an obstacle is encountered during operation, they change the direction of the door movement. As standard in the Impuls control version.



BEACON

Informs about door movement. Generates orange, pulsating light. Option available in the Impuls control version.



EXTRA CHARGED ADD-ONS FOR R1 ADP C ROLLING DOOR

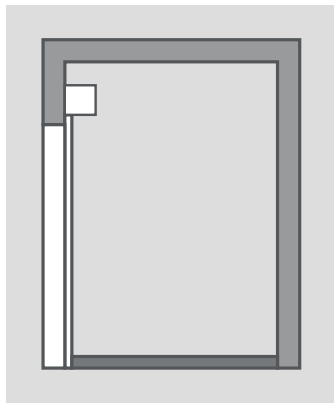
TUBULAR SIDE DRIVE

ADD-ON NAME	COMMENTS
Impuls mode control	Somfy ROLLIXO OPTIMO control unit with built-in RTS receiver, optical edge protection, 5 m cable
lock in the bottom strip	one-sided, microswitch included
double-sided varnishing of the bottom strip in colours from the RAL palette	due to the nature of operation, rolling the shell may cause abrasion of varnish coatings, which is not a basis for complaint)
varnishing of the guide tracks in a colour from the RAL palette	RAL colours except from: pearl, metallic, fluorescent

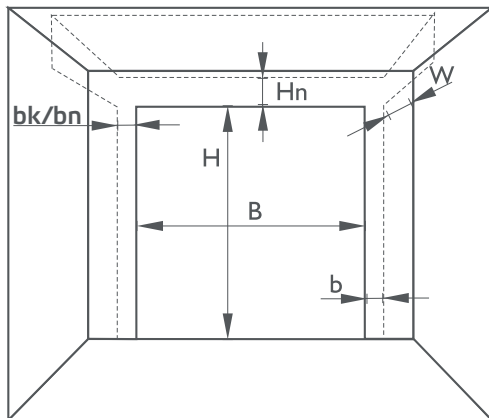
ON-SITE CONDITIONS FOR R1 ADP C

TUBULAR SIDE DRIVE

DIMENSION TABLE															
H / W	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
2100	A														
2200															
2300															
2400															
2500															
Wind load resistance	Class 3								Class 4						
Strom hooks	NO								YES						
Guide tracks	PP120								PP150						



B_{max}	= 5500 mm
b_{min}	= 130/160 mm
bn/bk_{min}	= 180/210 mm
H_{max}	= 2500 mm
W_{min}	= 330 / 400 mm
H_p	= H
Hn_{min}	= 500 / 570 mm



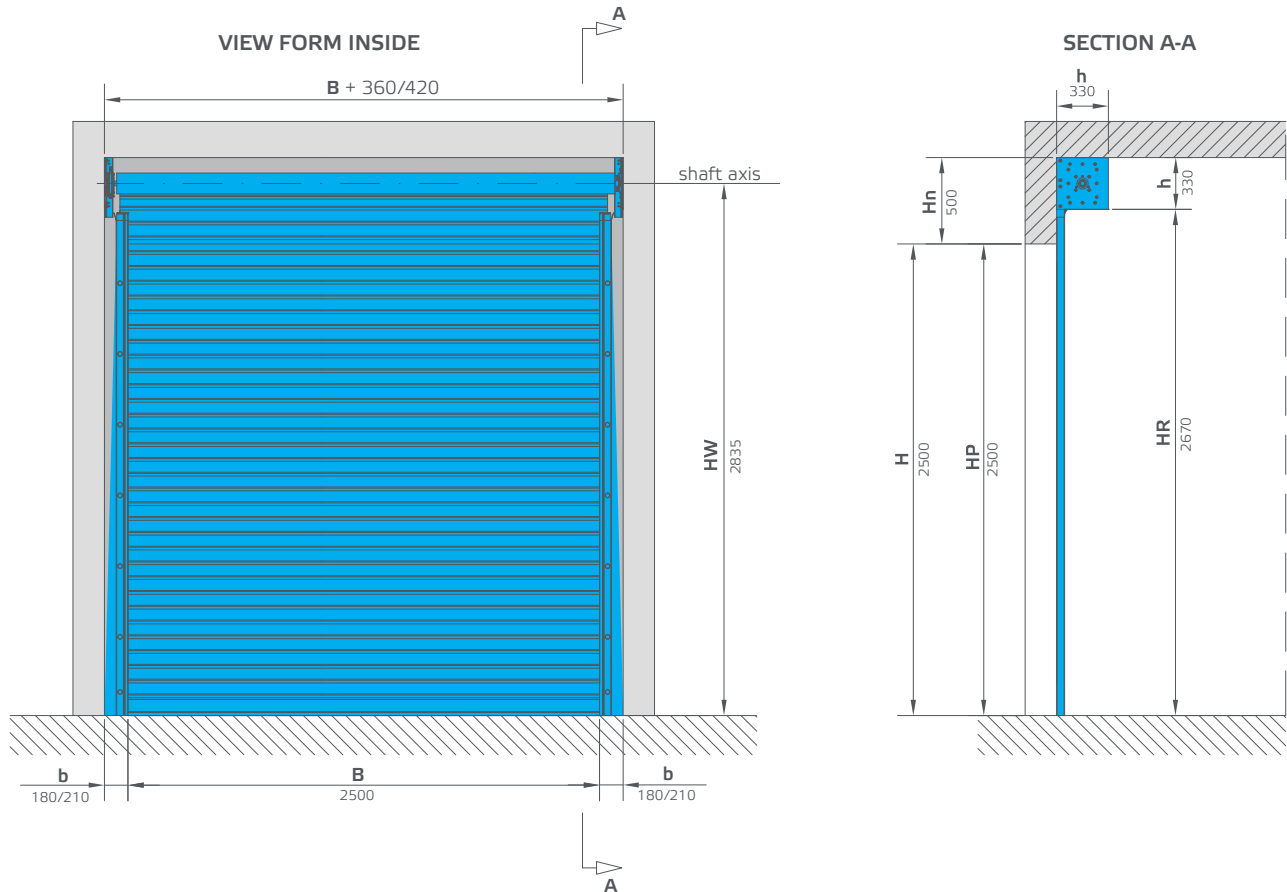
measurement method, view from inside the room

- B** - opening width
- b** - width of jambs
- bk** - jamb width of the jamb on the console
- bn** - jamb width at the height of the console with drive
- H** - opening height
- Hn** - lintel height
- Hp** - passage height
- W** - built-in depth
- Wn** - built-in depth from the drive side

ARCHITECTURAL PLAN FOR R1 ADP C

TUBULAR SIDE DRIVE

The plan is prepared for a door with dimensions of 2500 by 2500 mm; other door dimensions should be calculated analogously by selecting the parameter values from the table.



SYMBOLS

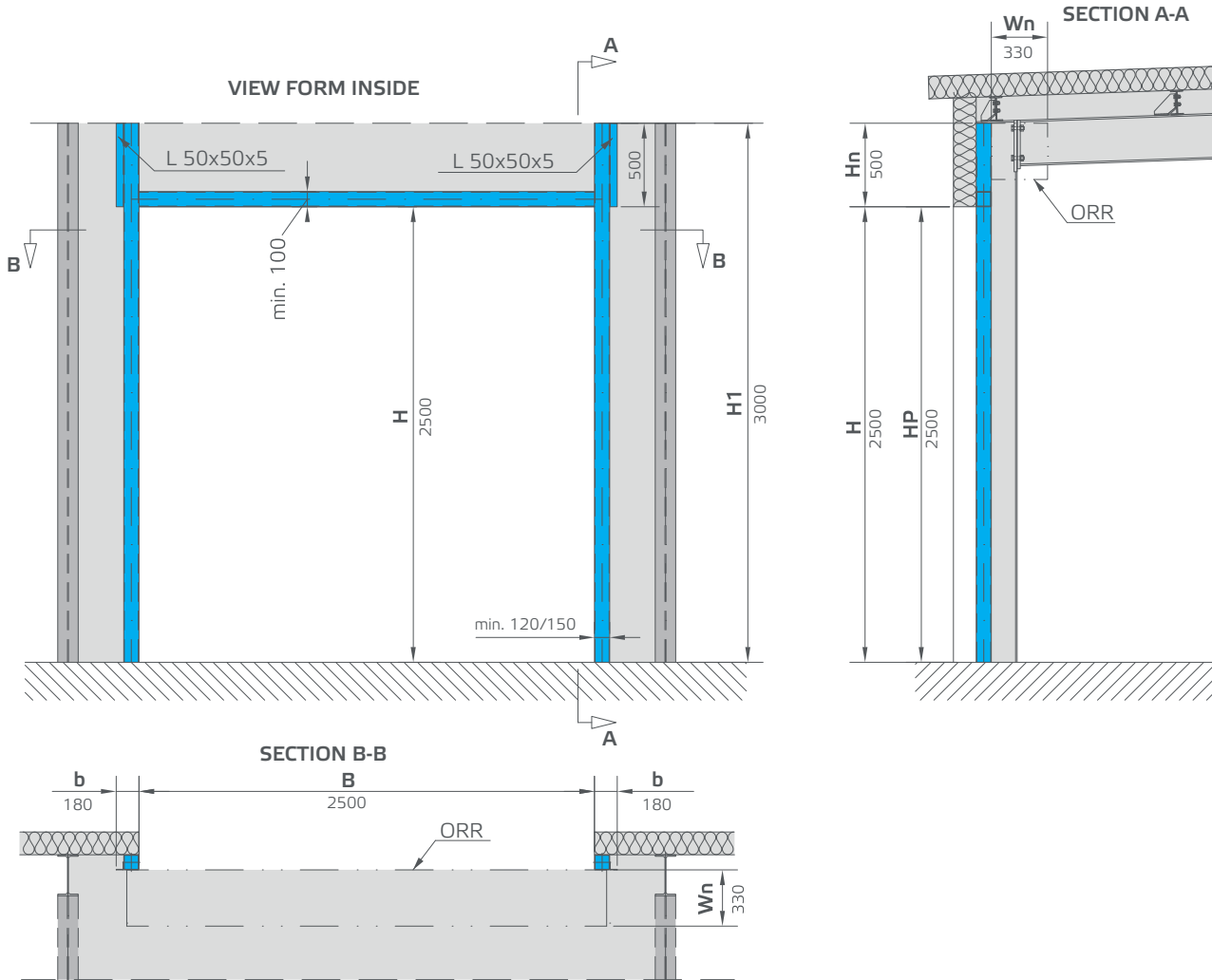
- | | |
|--|---|
| ORR - working area of the door/rolling grille | HR - working height |
| B - opening width | HW - height from floor to shaft axis |
| H - opening height | Wn - built-in depth from the drive side |
| b - width of jambs | Q - weight of the door/rolling grille [kg] |
| bn - jamb width at the height of the console with drive | |
| h - side slab height | |
| Hn - lintel height | |
| HP - passage height | |

Symbol	Limit dimensions [mm]	Dimensions of the door on the drawing [mm]
B	5500	2500
H	2500	2500
Hn	500	500
Q	max. 300 [kg]	260 [kg]
b	min. 140	140
Wn	330	330
HP	H	3000
HR	H+170	3170
HW	H+335	3335
H1	H+hn	3500

ARCHITECTURAL PLAN FOR R1 ADP C

TUBULAR SIDE DRIVE

The plan is prepared for a door with dimensions of 2500 by 2500 mm; other door dimensions should be calculated analogously by selecting the parameter values from the table.

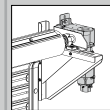


SYMBOLS

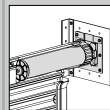
- | | |
|--|---|
| ORR - working area of the door/rolling grille | HR - working height |
| B - opening width | HW - height from floor to shaft axis |
| H - opening height | Wn - built-in depth from the drive side |
| b - width of jambs | Q - weight of the door/rolling grille [kg] |
| bn - jamb width at the height of the console with drive | |
| h - side slab height | |
| Hn - lintel height | |
| HP - passage height | |

Symbol	Limit dimensions [mm]	Dimensions of the door on the drawing [mm]
B	5500	2500
H	2500	2500
Hn	500	500
Q	max. 210 [kg]	150 [kg]
b	min. 140	140
Wn	330	330
HP	H	3000
HR	H+170	3170
HW	H+335	3335
H1	H+hn	3500

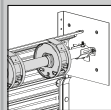
CONTROL ADD-ONS



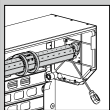
slip-on side drive



Tubular side drive



spring drive with motor



tubular drive in the box

Index	Add-on name	Comments	slip-on side drive		Tubular side drive		spring drive with motor		tubular drive in the box	
			TOTMANN	IMPULS	TOTMANN	IMPULS	TOTMANN	IMPULS	TOTMANN	IMPULS
KON.GF.001	up/stop/down control console	without cable, IP 65	✓	✓						
KON.GF.004	up/stop/down control console with 2 keys	without cable, IP 65	✓	✓						
XPRE.GF.001	ceiling switch (pulled) with 2.5 m chain	without cable, IP 65		✓		✓		✓		✓
XPRE.PL.006	single-position key switch, flush-mounted	without cable, IP 54, 3 keys		✓		✓		✓		✓
XPRE.PL.005	single-position key switch, surface-mounted	without cable, IP 54, 3 keys		✓		✓		✓		✓
XPRE.PL.003	two-position key switch, flush-mounted	without cable, IP 54, 3 keys	✓	✓	✓		✓		✓	
XPRE.PL.001	two-position key switch, surface-mounted	without cable, IP 54, 3 keys	✓	✓	✓		✓		✓	
KAL.EK.002	4-core cable with terminals, length 5 m	used for control console or key/pull switch	✓	✓	✓	✓	✓	✓	✓	✓
KAL.EK.003	4-core cable with terminals, length 9 m	used for control console or key/pull switch	✓	✓	✓	✓	✓	✓	✓	✓
FOT.GF.001	reflector photocell	—		✓		✓		✓		✓
FOT.GF.002	one-way photocells	—		✓		✓		✓		✓
ODR.NI.009	SMX2R 2-channel radio receiver, universal FLORE	For max 256 transmitters		✓		✓		✓		✓
NAD.NI.012	RT20 4-channel transmitter	—		✓		✓		✓		✓
NAD.GF.001	1-channel midi transmitter	—		✓		✓		✓		✓
NAD.GF.002	2-channel midi transmitter	—		✓		✓		✓		✓
NAD.GF.006	4-channel transmitter	—		✓		✓		✓		✓
LAS.PM.001	signal lamp with holder			✓		✓		✓		✓
LAS.NI.012	ERA 12/24V LED signal lamp			✓		✓		✓		✓
LAS.NI.013	ERA 230V LED signal lamp			✓		✓		✓		✓
LAS.GF.001	LED signal lamp - red 230V	IP 65		✓		✓		✓		✓
LAS.GF.002	LED signal lamp - green 230V	IP 65		✓		✓		✓		✓
LAS.GF.003	LED signal lamp red/green	IP 65		✓						
RAD.BF.001	radar – motion sensor	detecting people and vehicles, recognizing the direction of movement, masking cross traffic, adjustable area of operation, IP 65		✓						
XLAK.PL.002	flush-mounted bell switch	no cable, IP 54		✓		✓		✓		✓
AWR.PA.001	emergency disconnection of the drive with built-in key switch	used for doors and grilles with a spring system equipped with an electric drive, 2 keys					✓	✓		
FOT.KK.001	KRISPOL one-way photocells	no cable		✓		✓		✓		✓
FOT.SM.001	one-way photocells	For Somfy ROLLIXO OPTIMO control unit, no cable				✓		✓		✓
NAD.SM.013	Keytis 2NS 2-channel transmitter	For Somfy ROLLIXO OPTIMO control unit				✓		✓		✓
NAD.SM.014	Keytis 4NS 3-channel transmitter	For Somfy ROLLIXO OPTIMO control unit				✓		✓		✓
NAD.SM.015	Keygo 4-channel transmitter	For Somfy ROLLIXO OPTIMO control unit				✓		✓		✓
MOD.WI.001	AOS 6230 safety processing unit for TWIN-PRO			✓		✓		✓		✓
ZAB.WI.004	TWIN-PRO anti-entrapment protection			✓		✓		✓		✓
KON.AH.002	overrun contact	—	✓	✓	✓	✓	✓	✓	✓	✓
STI.GF.001	plug-in connector (Stick)	service device facilitating diagnostics and inspections of GfA controllers		✓		✓		✓		✓



bell-type button switch,
under-plaster
XLAK.PL.002



control panel
up/stop/down
KON.GF.001



one-position key switch,
under-plaster
XPRE.PL.006 / XPRE.PL.005



two-position key switch,
under-plaster
XPRE.PL.003 / XPRE.PL.001



emergency drive release with
integrated key switch
AWR.PA.001



reed overrun
KON.AH.002



intel switch (pull-switch)
with 2.5 m chain
XPRE.GF.001



4-channel transmitter FLO4RE
NAD.NI.012



2-channel transmitter
Keytis 2NS
NAD.SM.013



4-channel transmitter Keygo
NAD.SM.015



1-channel transmitter midi
NAD.GF.001



2-channel transmitter midi
NAD.GF.002



4-channel transmitter
NAD.GF.006



2-channel receive SMX2R,
universal FLOR
ODR.NI.009



photocells, one-way
FOT.SM.001



photocells, one-way
FOT.KK.001



photocell with reflex
FOT.GF.001



photocells, one-way
FOT.GF.002



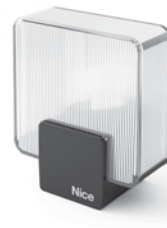
TWIN-PRO pull-in protection
ZAB.WI.004



plug connector (Stick)
STI.GF.001



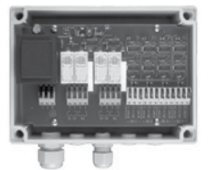
signal lamp with a handle
LAS.PM.001



signal lamp LED ERA
LAS.NI.012 / LAS.NI.013



signal lamp red / green LED
LAS.GF.003

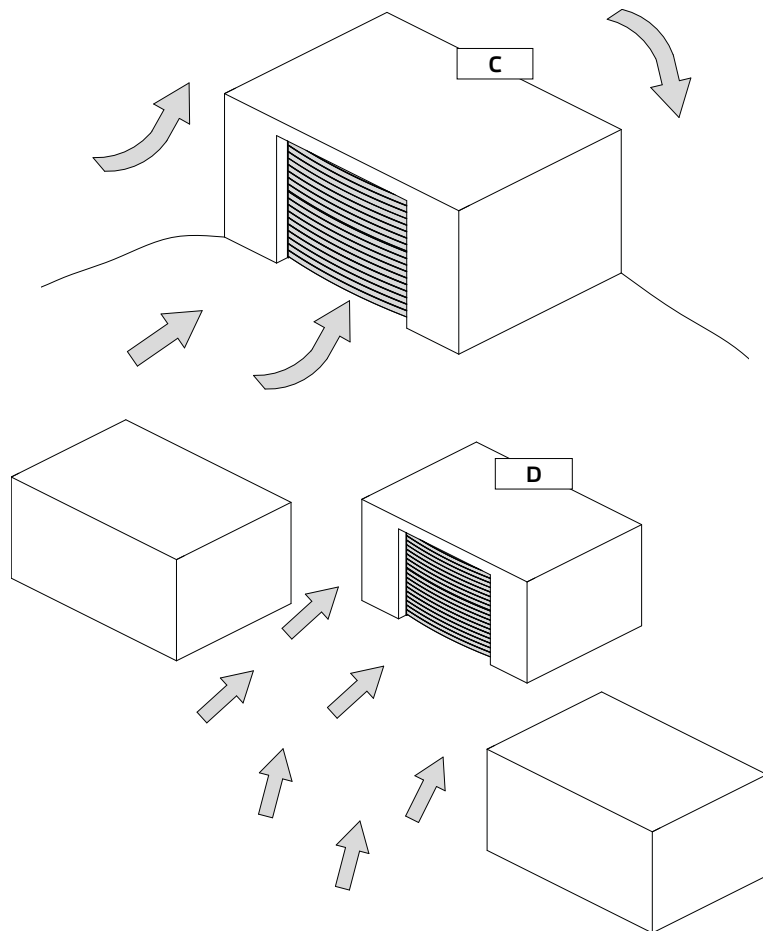
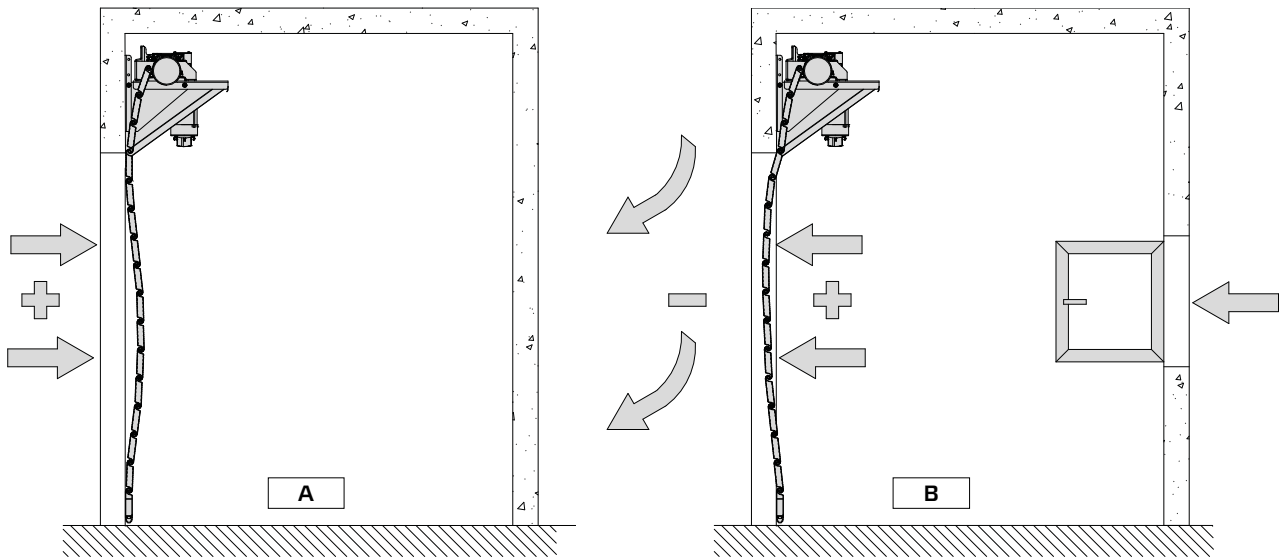


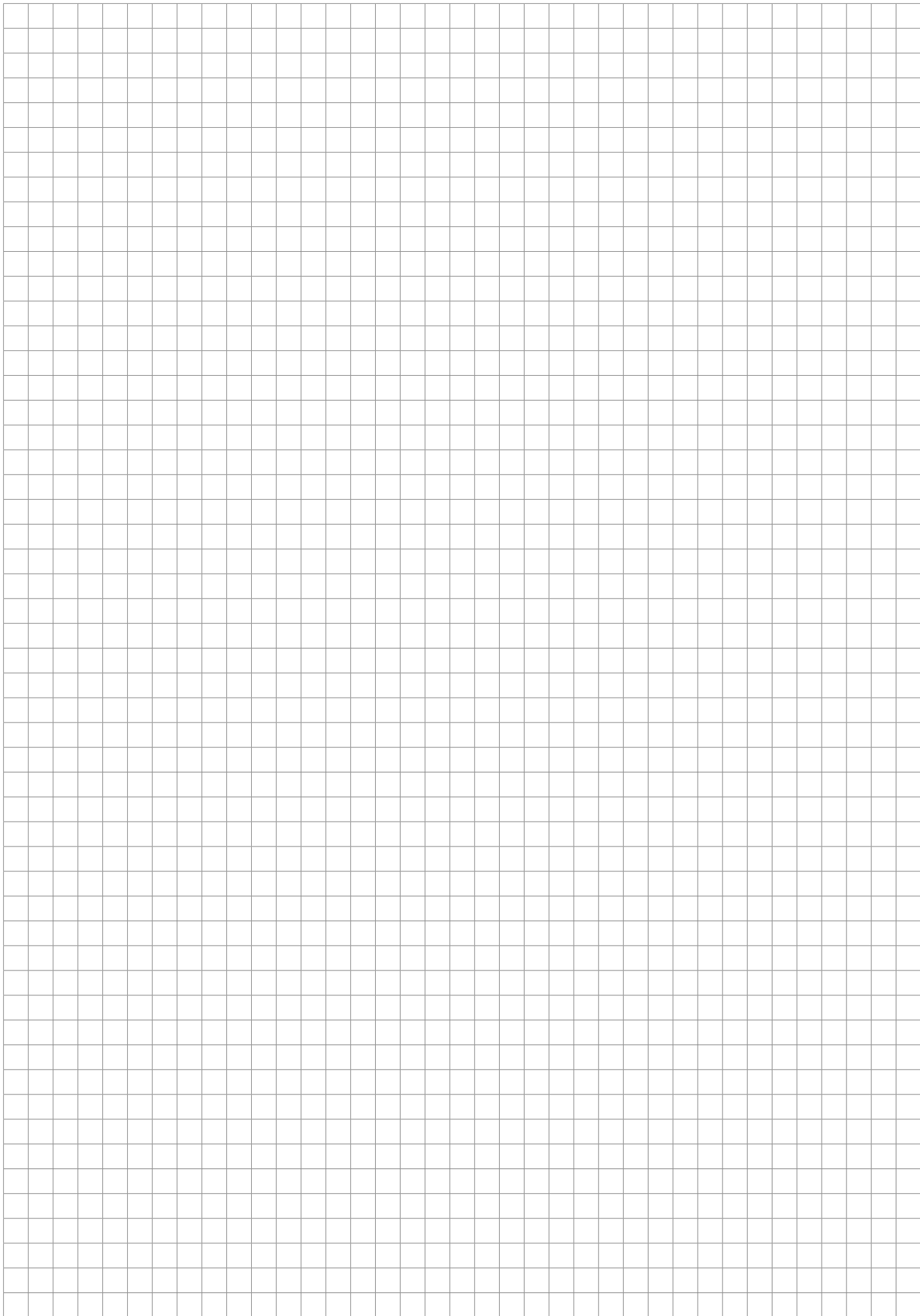
AOS 6230 safety processing
unit for TWIN-PRO
MOD.WI.001

INSTALLATION NOTES

DESCRIPTION

- We do not recommend installing doors with dark-coloured sheathing in places exposed to strong sunlight; this may lead to deformation of the door shell due to a natural process resulting from the material properties.
- We do not recommend installing doors in places exposed to air temperatures lower than -25°C and higher than $+55^{\circ}\text{C}$.
- We do not recommend installing doors in places exposed to negative pressure differences (Fig. A, B).
- We do not recommend installing doors in buildings located in open, undeveloped areas (Fig. C).
- We do not recommend installing doors in buildings that are unfavourably located in relation to other buildings (Fig. D).







DECLARATION OF PERFORMANCE

Unique identification code of the product-type:	R1 ADP C (794342/1/1)	
Intended use/es:	industrial door for installation in industrial and commercial buildings	
Manufacturer:	KRISPOL Sp. z o.o. ul. Michała Strzykały 4, 62-300 Września	
System/s of AVCP:	3	
Harmonised standard:	PN-EN 13241+A2:2016	
Notified body:	nr 1017, TÜV SÜD CZECH s.r.o.	
DECLARED PERFORMANCES		
Water resistance:	Class 1	PN-EN 12425
Release of dangerous	Does not include	PN-EN 12421
Wind load resistance:	Class 3	PN-EN 12424
Thermal resistance (W/m² K):	npd	PN-EN 12428
Air permeability:	Class 1	PN-EN 12426
Safe opening:	Meets	PN-EN 12604
Definition of geometry of glass components:	npd	PN-EN 12604
Mechanical resistance and stability:	Meets	PN-EN 12604
Durability of water tightness, thermal resistance and air permeability against degradation:	33 000 cycles	PN-EN 12605
Operating forces:	Meets	PN-EN 12453
ADDITIONAL PROPERTIES		
Low voltage directive:	Meets	2014/35/UE
Electromagnetic compatibility:	Meets	2014/30/UE
Operation with electric drive:	GFA: SI, SIK, TS959, TS971, TS982	
Resistance to manual burglary:	npd	PN-EN-1627:2011
Noise - sound insulation :		PN-EN-10140-1

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Grzegorz Ratajczak
at Psary Male on, 2029-09-05



EC DECLARATION OF CONFORMITY

Manufacturer:	KRISPOL Sp. z o.o. ul. Michała Strzykały 4, 62-300 Września
Unique identification code of the product-type:	R1 ADP C
Product serial number:	794342/1/1
Intended use/es:	industrial door for installation in industrial and commercial buildings

GARAGE DOOR DIMENSIONS

Width:	3000	mm
Height:	3000	mm
Weight:	82.46	kg

OPERATION WITH ELECTRIC DRIVE

Control mode:	Impuls
Gear motor type:	SI 14.20-25 NHK
Control panel type:	Control panel TS 971
Protection:	Optical safety edge

DECLARED CHARACTERISTICS

Low voltage directive:	Meets	2014/35/UE
Electromagnetic compatibility:	Meets	2014/30/UE
Harmonised standard:	Meets	PN-EN 13241+A2:2016-10

The name and number of the accredited certification body or laboratory, and the certificate number or the report number of type examination, provided that the body participated in the conformity assessment of the system applied for the construction product:

The product has been tested in accordance with PN-EN 1324 + A2: 2016-10 standard by TÜV Czech Republic, Ostrava, accredited body no. 211, notified body no. 1017, which carried out the initial test of the type in system 3 and issued the PROTOCOL OF PRODUCT TYPE CONFORMITY TESTING Reg. No. 1017-CPD-162/06/02/05/0, 977/70/10/BT/AO/B, 65/70/10/BT/AO/B, 1011/70/10/BT/AO/B, 597/70/10/BT/AO/B, 1740/70/06/BT/IŻ/B, 1017-CPR-06.947.779

Signed for and on behalf of the manufacturer by:

Grzegorz Ratajczak
at Psary Male on, 2029-09-05

Krispol Sp. z o.o.

ul. Michała Strzykały 4, 62-300 Września

tel. +48 61 662 41 00

e-mail: biuro@krispol.pl, www.krispol.eu