



SLIDING GATES

LEGEND

SEMI INTENSIVE USE ●

INTENSIVE USE ●

VERY INTENSIVE USE ●

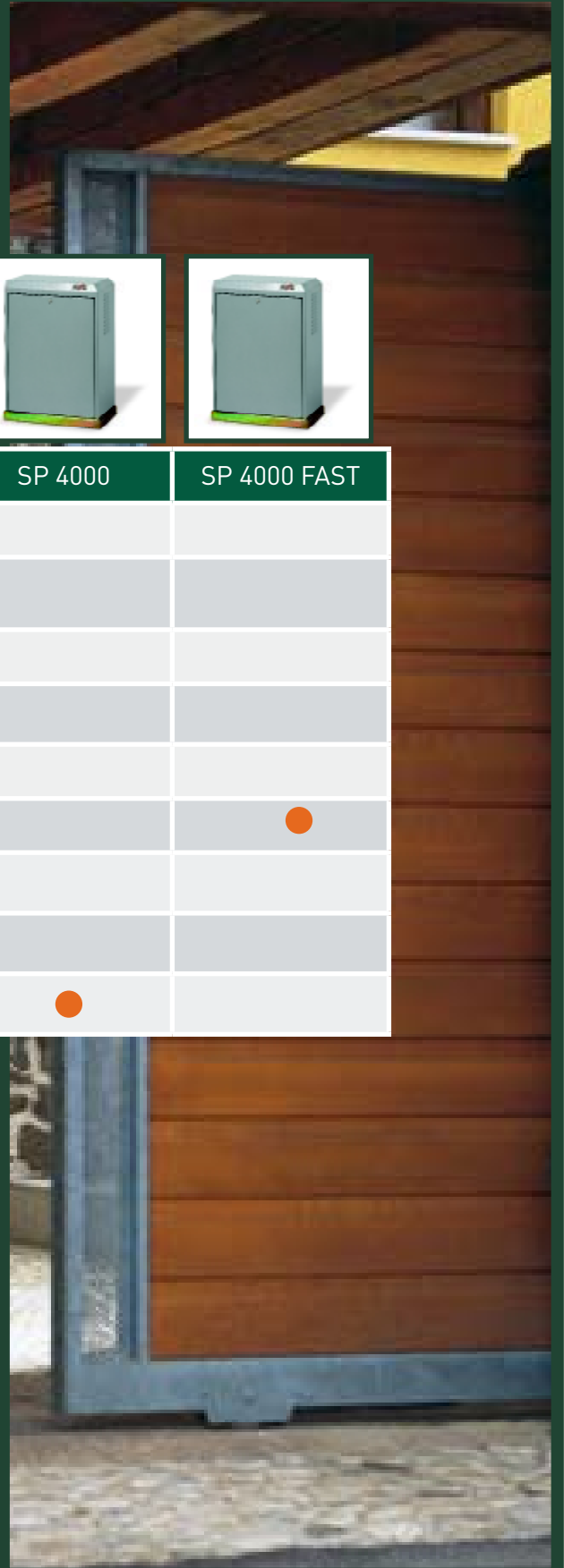


PESO MAX	DEIMOS 300 BT NET	DEIMOS	DEIMOS BT	DEIMOS 700
300 kg	●			
500 kg		●		
700 kg			●	
800 kg				●
100 kg				
1200 kg				
2000 kg				
4000 kg				

AVAILABLE IN KIT DEIMOS 300 BT NET KIT DEIMOS KIT  DEIMOS BT KIT DEIMOS BT NET KIT



DEIMOS 800 F	URANO BT	ICARO	SP 4000	SP 4000 FAST
●				
				●
	●			
		●		
			●	



DEIMOS SERIES

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES

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• SMART TECHNOLOGY.

- Electromechanical microswitches that control the end stroke.
- Incorporated two-channel rolling code radio receiver.
- Control unit with self-learning and self-diagnostic functions.
- Control unit compatible with the EElink protocol.

• SAFE USE.

- The version powered at 24V has been specially designed for simpler and faster installation in compliance with the safety standards laid down by the Machinery Directive.
- Thanks to the antisquashing system, the operator inverts motion and prevents damage to people and property in the event of contact **(DEIMOS BT)**.
- Electromechanical braking system **(DEIMOS 800F)**.

• SIMPLER INSTALLATION.

- Incorporated control unit positioned frontally for easier accessibility.
- Control unit with programming by LCD display **(DEIMOS BT)**.

• FAST NET SYSTEM.

- Simplified 2-wire system **(DEIMOS BT NET - DEIMOS 300 BT NET KIT)**

CODE	DESCRIPTION	KIT	VOLTAGE	LEAF WEIGHT	Q.TY PER PALLET
R925241 00002	DEIMOS 300 BT NET KIT NEW 2009 FASTNET	•	24 V	up to 300 kg	27
P925178 00005	DEIMOS BT		24 V	up to 500 kg	36
R925228 00001	DEIMOS BT KIT	•	24 V	up to 500 kg	27
R925236 00001	DEIMOS BT NET KIT FASTNET	•	24 V	up to 500 kg	27
P925197 00001	DEIMOS		230 V	up to 500 kg	36
P925198 00002	DEIMOS SQ*		230 V	up to 500 kg	36
R925227 00001	DEIMOS KIT	•	230 V	up to 500 kg	27
P925196 00001	DEIMOS 700		230 V	up to 700 kg	36
P925200 00002	DEIMOS 800 F		230 V	up to 800 kg	36

FAST NET DESCRIPTION on page 20 | KIT COMPOSITION on page 24

* Automation without control panel

TECHNICAL FEATURES

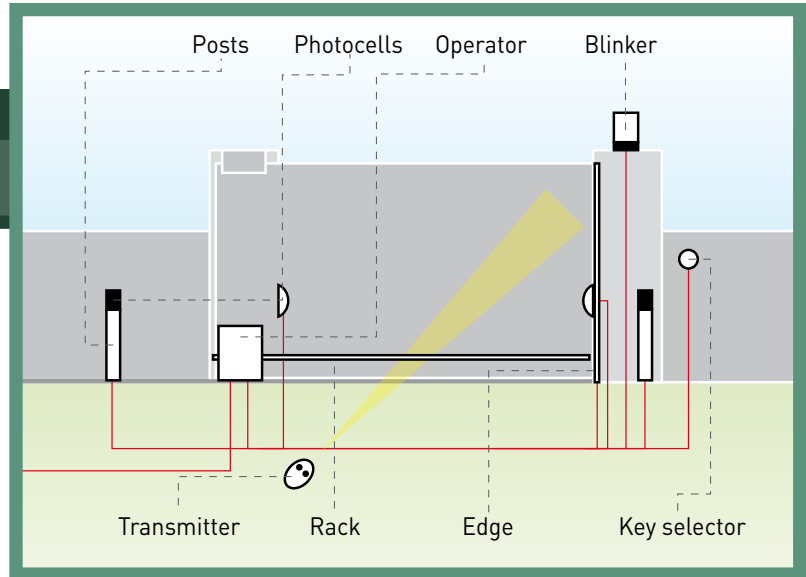
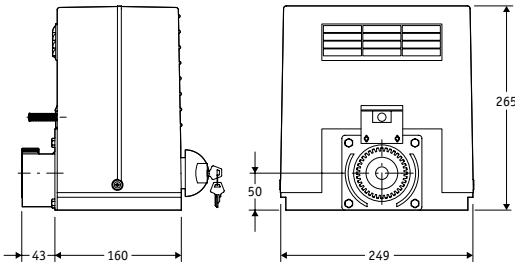
FEATURES OF THE RANGE

SPECIFIC FEATURES

	DEIMOS BT / BT NET DEIMOS 300 BT NET*	DEIMOS	DEIMOS 700	DEIMOS 800F
CONTROL PANEL	QSC D MA (incorporated)	ALPHA (incorporated)	ALPHA (incorporated)	ALPHA (incorporated)
OPERATOR	irreversible			
POWER SUPPLY	230 V - ± 10%, 50 Hz single-phase			
ABSORBED POWER	70 W	290 W	290 W	290 W
THERMAL PROTECTION	built into control unit	built into motor	built into motor	built into motor
LEAF SPEED	12 m/min	8,5 m/min	8,5 m/min	8,5 m/min
OUTPUT REVOLUTIONS	79 min	48 min	48 min	48 min
PINION PITCH	4 (14 teeth)			
IMPACT REACTION	stops and movement is reversed	mechanical clutch	mechanical clutch	mechanical clutch
TYPE OF LIMIT SWITCHES	electromechanical or inductive			
MANUAL RELEASE	mechanical release with knob			
OPERATING CYCLE	intensive use	semi intensive use	semi intensive use	semi intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C			
DEGREE OF PROTECTION	IP24			
OPERATOR WEIGHT	~7 kg	~15 kg	~15 kg	~15 kg

*DEIMOS BT - Control panel QSC D MA | *DEIMOS BT NET, DEIMOS 300 BT NET - Control panel NETTUNO S

DIMENSIONS (mm)



ACCESSORIES



P125002 - SB BAT
Thanks to the back-up batteries and battery charger, the SB BAT kit guarantees low voltage operation in the event of power failure. For DEIMOS BT model.



P111408 - SCS WIE
Circuit board for direct connection of wiegand accessories (such as SELETTTO, COMPAS SLIM, etc) to the control units QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111376 - SCS 1
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111377 - SCS 1 MA
Control board for manage up to 4 pair of checked photocells in QSC D MA control board.



D571054 - CFZ
22x22 4-pitch galvanised steel rack. 2 m lengths in 10 m packs.



D571053 - CVZ
30x12 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



N999320 - CVZ-S
30x8 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



D221073 - CP
22x22 4-pitch plastic rack with adjustment slots. 1 m lengths.



N999151 - SFD
Fixing system pack.



N999158 - MSC
Personalised key release knob.



P111410 - DCW
Safety device for detecting obstacles, can be connected to infrared or resistive safety edges. Rotatable by 180°. Meets standard EN 12978.



N190106 - STR
Pair of infrared sensors, for DCW photocell safety edge.



P111401 00001 VENTIMIGLIA NS
Infrared obstacle detection device for BIR C safety edge compliant with standard EN 12978.



N190104 - BIR C
Rubber safety edge.



N190039 - CSP 10
Shock absorber profile, length 1m. Also available in 2m and 2,5m version - See Page 151

URANO BT

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES

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• SMART TECHNOLOGY.

- Electromechanical microswitches (inductive in the PROX version) that control the end stroke.
- Incorporated two-channel rolling code radio receiver.
- Control unit with self-learning and self-diagnostic functions.
- Control unit compatible with the EElink protocol.

• SAFE USE.

- Specially designed for simpler and faster installation in compliance with the safety standards laid down by the Machinery Directive.

→ Thanks to the antisquashing system, the operator inverts motion and prevents damage to people and property in the event of contact.

• SIMPLER INSTALLATION.

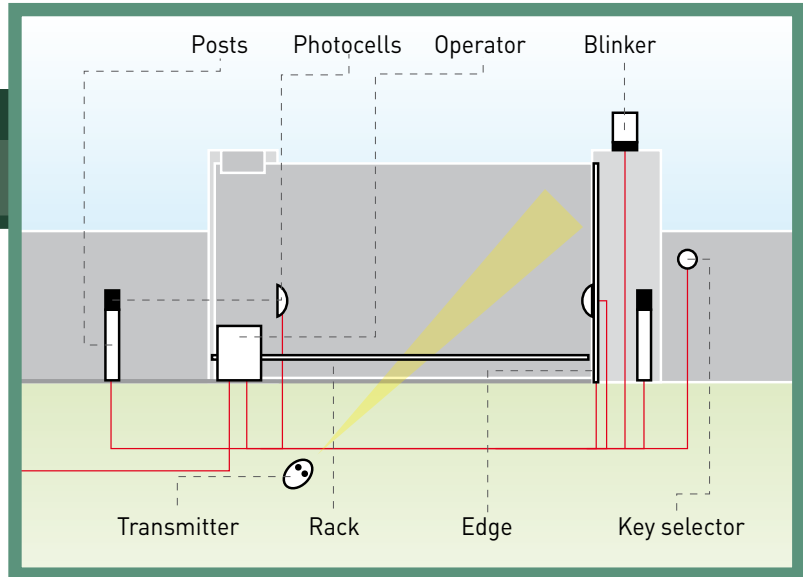
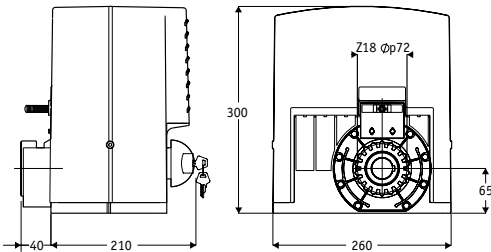
- Incorporated control unit positioned frontally for easier accessibility.
- Control unit with programming by LCD display.

CODE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	Q.TY PER PALLET
P926180 00001	URANO BT	24 V	up to 1200 kg	24

TECHNICAL FEATURES	
URANO BT	
CONTROL PANEL	QSC D MA (incorporated)
OPERATOR	irreversible
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase
ABSORBED POWER	80 W
THERMAL PROTECTION	built into control unit
LEAF SPEED	9 m/min
OUTPUT REVOLUTIONS	39 min
PINION PITCH	4 (18 teeth)
IMPACT REACTION	stops and movement is reversed
TYPE OF LIMIT SWITCHES	electromechanical or inductive
MANUAL RELEASE	mechanical release with knob
OPERATING CYCLE	very intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C
DEGREE OF PROTECTION	IP24
OPERATOR WEIGHT	~20 kg



DIMENSIONS (mm)



ACCESSORIES



P125009 - BT BAT2
The BT BAT 2 device ensures, through its back up batteries and battery charger, low-voltage operations when there is no power supply (URANO BT).



P111408 - SCS WIE
Circuit board for direct connection of wiegand accessories (such as SELETTTO, COMPAS SLIM, etc) to the control units QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111376 - SCS 1
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111377 - SCS 1 MA
Control board for manage up to 4 pair of checked photocells in QSC D MA control board.



D571054 - CFZ
22x22 4-pitch galvanised steel rack. 2 m lengths in 10 m packs.



D571053 - CVZ
30x12 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



N999320 - CVZ-S
30x8 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



D221073 - CP
22x22 4-pitch plastic rack with adjustment slots. 1 m lengths.



N999156 - SFI
Fixing system pack.



D531548 - KI
Release key blank for ICARO, URANO BT, IGEA, IGEA BT.



NEW 2009
P111410 - DCW
Safety device for detecting obstacles, can be connected to infrared or resistive safety edges. Rotatable by 180°. Meets standard EN 12978.



NEW 2009
N190106 - STR
Pair of infrared sensors, for DCW photocell safety edge.



P111401 00001 VENTIMIGLIA NS
Infrared obstacle detection device for BIR C safety edge compliant with standard EN 12978.



N190039 - CSP 10
Shock absorber profile, length 1m. Also available in 2m and 2,5m version See Page 151



N190104 - BIR C
Rubber safety edge.

ICARO MA

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES

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Dynamic TRAVEL

• **SMART TECHNOLOGY.**

- Incorporated two-channel rolling code radio receiver ready for connecting a second receiver.
- Control unit with self-learning and self-diagnostic functions of the parameters: brake, torque, antisquashing.
- Control unit compatible with the EELink protocol.

• **SAFE USE.**

- Thanks to the antisquashing system, the operator inverts motion and prevents damage to people and property in the event of contact.

• **SIMPLER INSTALLATION.**

- Incorporated control unit positioned frontally for easier accessibility.
- Control unit with programming by LCD display.

CODE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	Q.TY PER PALLET
P925180 00006	ICARO MA	230 V	up to 2000 Kg	16

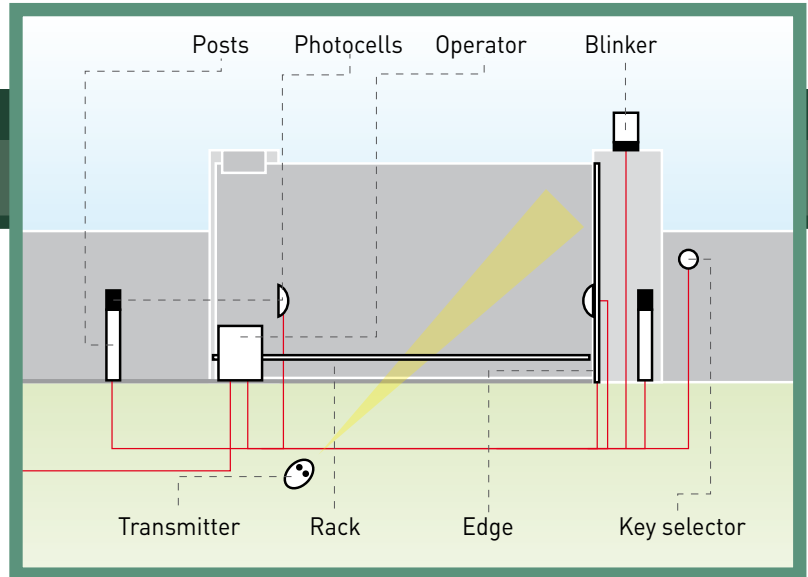
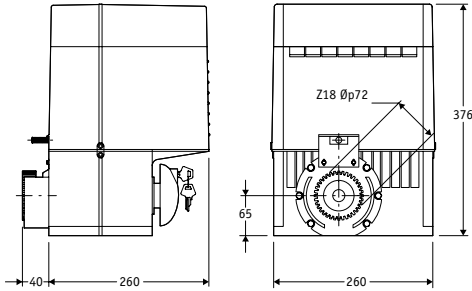
TECHNICAL FEATURES

ICARO MA

CONTROL PANEL	LEO D MA (incorporated)
OPERATOR	irreversible
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase
ABSORBED POWER	750 W
THERMAL PROTECTION	built into motor
LEAF SPEED	9 m/min
OUTPUT REVOLUTIONS	37 min
PINION PITCH	4 (18 teeth)
IMPACT REACTION	Stop and reverse on encountering obstacle with dynamic torque control curve
TYPE OF LIMIT SWITCHES	electromechanical or inductive
MANUAL RELEASE	mechanical release with knob
OPERATING CYCLE	very intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C
DEGREE OF PROTECTION	IP24
OPERATOR WEIGHT	~25 kg



DIMENSIONS (mm)



ACCESSORIES



P111408 - SCS WIE

Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLIM, etc) to the control units

QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111376 - SCS 1

Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



D571054 - CFZ

22x22 4-pitch galvanised steel rack. 2 m lengths in 10 m packs.



D571053 - CVZ

30x12 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



N999320 - CVZ-S

30x8 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



N999156 - SFI

Fixing system pack.



D531548 - KI

Release key blank for ICARO, URANO BT, IGEA, IGEA BT.



P111410 - DCW

Safety device for detecting obstacles, can be connected to infrared or resistive safety edges. Rotatable by 180°. Meets standard EN 12978.



N190106 - STR

Pair of infrared sensors, for DCW photocell safety edge.



P111401 00001 VENTIMIGLIA NS

Infrared obstacle detection device for BIR C safety edge compliant with standard EN 12978.



N190104 - BIR C

Rubber safety edge.



N190039 - CSP 10

Shock absorber profile, length 1m. Also available in 2m and 2,5m version See Page 151

SP4000 SERIES

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES

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• **SMART TECHNOLOGY.**

→ Hydrodynamic joint for smooth gate starts and stops.

• **SAFE USE.**

→ The strength and compactness of the structure guarantee the maximum reliability of operation over time.

→ The operator makes it possible to automate any type of gate, even the heaviest.

CODE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	Q.TY PER PALLET
P925169 00001	SP4000	230/400 V three-phase	up to 4000 Kg	3
P925169 00003	SP4000 FAST	230/400 V three-phase	up to 1000 Kg	3

TECHNICAL FEATURES

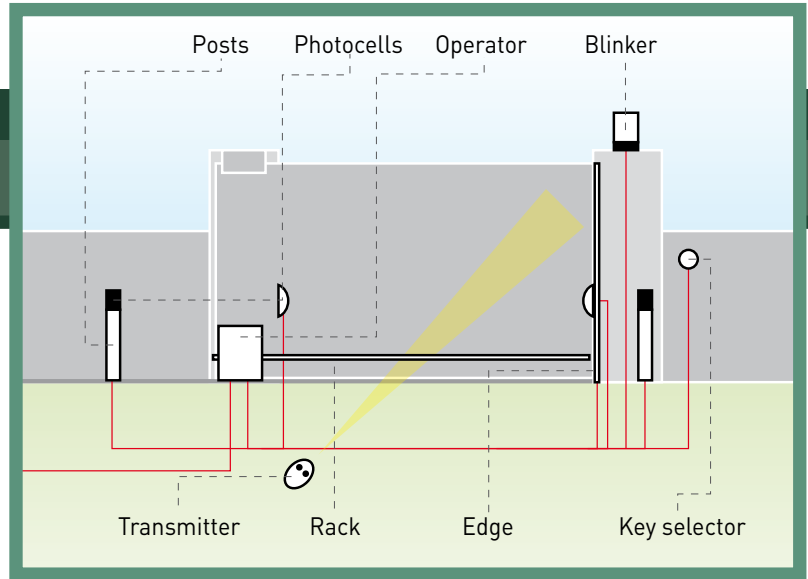
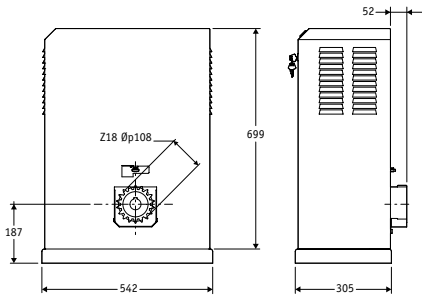
FEATURES OF THE RANGE

SPECIFIC FEATURES

		SP4000	SP4000FAST
CONTROL PANEL	SIRIO TEL (incorporated)		
OPERATOR	irreversible		
POWER SUPPLY	230/400 V- ± 10%, 50 Hz three-phase		
ABSORBED POWER	1500 W		
THERMAL PROTECTION	built into control unit		
LEAF SPEED		10 m/min	20 m/min
OUTPUT REVOLUTIONS		30 min	60 min
PINION PITCH	6 (18 teeth)		
TYPE OF LIMIT SWITCHES	electromechanical		
MANUAL RELEASE	mechanical release with knob		
OPERATING CYCLE	very intensive use		
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C		
DEGREE OF PROTECTION	IP 24		
OPERATOR WEIGHT	~85 kg		



DIMENSIONS (mm)



ACCESSORIES



D571491 - CFZ6
30x30 6-pitch rack. 2 m lengths..



P125001 - BASP
Adjustable anchoring base.

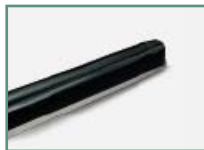
NEW 2009



P111450 00002 - BAR C 2
Bord en caoutchouc double profil. Length 2m
Also available in 4m and 6m version - See Page 150



P111401 00001 VENTIMIGLIA NS
Infrared obstacle detection device for BIR C safety edge compliant with standard EN 12978.



N190104 - BIR C
Rubber safety edge.



N190039 - CSP 10
Shock absorber profile, length 1m.
Also available in 2m and 2,5m version
See Page 151