

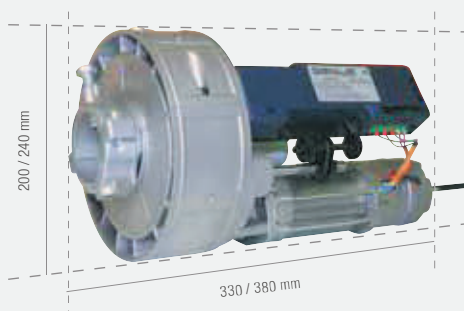


OPERATOR FOR SHUTTERS

- It does not need any maintenance at all, it is low silent and quick to install
- The manual release acts directly on the gearing, with the advantage of making the shutter lighter to move
- Semi-automatic, micrometric control of the limit switch

Code	Name	Version	Voltage	crown wheel ø	ø support- ing pole	Lifting capacity
6140003	Shutter 15 R	Reversible	230V	200 ¹	60 ²	170 kg
6140004	Shutter 15	Non-reversible with electromagnetic brake	230V	200 ¹	60 ²	170 kg
6140009	Shutter 20 R	Reversible	230V	240	76	280 kg
6140010	Shutter 20	Non-reversible with electromagnetic brake	230V	240	76	260 kg
6140005	Shutter B 40	Two motors, irreversible with electromagnetic brake	230V	240	76	360 kg

OPERATOR DIMENSIONS



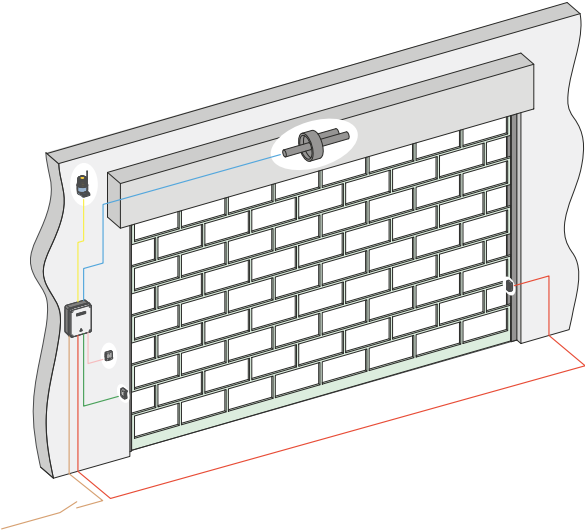
Technical Specifications	15 (200/60)			15 R (200/60)		20 (240/76)	20 R (240/76)	B 40 (240/76)
Power supply (V)	230/115					230		
Electric motor (V)	230							
Frequency (Hz)	50	60	50	60	50			
Torque (Nm)	170					280		400
Power (W)	630	610	630	610	1260			
Absorbed current (A)	2.7	5.2	2.7	5.2	5.4			
Max. work time (Min.)	4							
Max. rolling shutter height	6							
Operating ambient temperature (°C)	-20 +55							

N.B.

1 - The crown wheel diameter can be of 220 mm using the relevant plastic clamp included in the package of the Shutter 15 models.

2 - To be used also with supporting poles Ø 48mm, Ø 42mm or Ø 33mm adding the optional adapters in the next page.

ELECTRIC WIRING DIAGRAM



- Line3x1,5 mm²
- Motor4x1,5 mm²
- Flashing lamp2x1,5 mm²
- Selector2x0,5 mm²
- TX photocells2x0,5 mm²
- RX photocells4x0,5 mm²

TYPICAL INSTALLATION EXAMPLE

Q.ty	Material description	Part number
1	SHUTTER 15 R gearmotor	6140003
1	Electro-brake for SHUTTER 15 R	6100247
1	GEO 13 control board with "step-by-step" logic	6100306
1	Electronic Control Board Enclosure	6100140
1	ARMO2 key-operated selector with lever release	6100340

Material to add in order to get the configuration as per Wiring Diagram

Q.ty	Material description	Part number
1	VEGA Photocells	6100147
1	230V GUARD Flashing Lamp	6100052

ACCESSORIES



ARMO2 KEY-OPERATED
SELECTOR WITH LEVER
RELEASE

Code **6100340**



ELECTROMAGNETIC
BRAKE KIT

Code **391450**



ADAPTERS FOR
SUPPORTING POLE
Adapter for 60/33 tube
For Shutter 15

Code **6100273**

Shaft adapters 60 > 48/42 mm

Code **391452**

for 60/48 tube

Code **6100275**

CONTROL BOARDS