

Automatic barrier 230V for beams up to 4 m

- Hydraulic operator with opening and closing block
- The ideal solution for heavy traffic
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices
- Automatic, semi-automatic, parking logics
- External release with triangular key.
- Built-in detector, two independent channels.
- Bus technology.



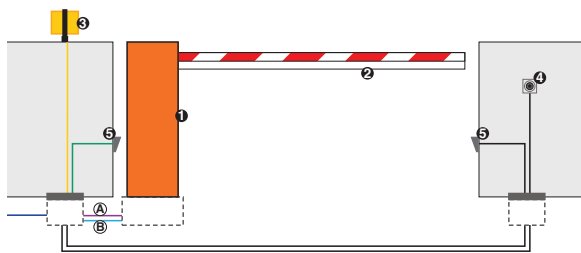
- New round beam with light support.



DIMENSIONS AND TECHNICAL SPECIFICATIONS 620 RAPID

| | | | |
|-------------------------------------|-------------------------------|------------------------------|---|
| Power supply voltage | 230 Vac (+6% -10%) 50 (60) Hz | Weight | 73 kg |
| Electric motor | single-phase, bi-directional | Type of oil | FAAC HP OIL |
| Absorbed power | 220 W | Barrier body treatment | 100 micron epoxy zinc-plating anti-corrosion treatment |
| Absorbed current | 1 A | Paint | Polyester RAL 2004 |
| Motor rotation speed | 1400 - 2800 r.p.m. | Protection class | IP 44 |
| Pump flow rate | 1.5/2 l/min | Cooling | Forced air |
| Thermal protection on motor winding | 120°C | Type of beam | standard rect. - standard articulated rect. - round - pivoting round - S round |
| Effective torque | 0÷100 / 0÷80 Nm | Dimensions (L x D x H) in mm | 350 x 170 x 1080 |
| Electronic deceleration | Adjustable with cams | Thrust capacitor | 8 µF 400 V |
| Operating ambient temperature | -20°C to +55°C | | |

TYPICAL INSTALLATION EXAMPLE



■ (A) Low voltage cabling

- 3 cables 3x0.5
- 1 cable 2x0.5

■ (B) Power cabling (230V)

- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B: Cable sections in mm²

| Ref. | Q.ty | Description of material | Item code |
|------|------|---|--------------------|
| 1 | 1 | 620 Rapid barrier body with built-in control unit 624 BLD | see following page |
| | 1 | Fastening pocket for rectangular beams | 428342 |
| | 1 | Foundation plate | 490058 |
| 2 | 1 | Rectangular beam 3,815 mm | 428090 |
| | 1 | Receiver board RP 433 SLH | 787824 |
| | 1 | Two-channels transmitter XT2 433 SLH LR | 787007 |
| 3 | 1 | Flashing lamp FAACLIGHT | 410013 |
| 5 | 1 | Pair of photocells FOTOSWITCH | 785152 |
| | 2 | Aluminium columns for FOTOSWITCH | 401028 |
| 4 | 1 | Key-operated push-button T10 | 401010001/36 |
| | 2 | Foundation plates for columns | 737630 |
| | 1 | Plastic container to be walled in | 720086 |

Notes

ATTENTION: The configuration does not include the safety devices (i.e.: active or passive safety edges) that are to be determined according to the specific "risk analysis" of each installation (Ref.: UNI-EN 12445 and 12453 European Standards).

- The indicated price does not include the installation costs and the expenses for masonry, electrical and metalwork preparations.

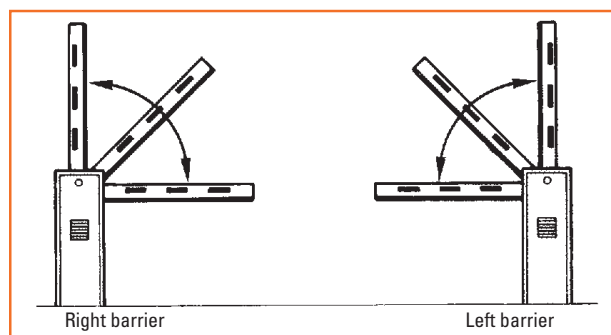
620 RAPID

| Model | Use | | | Control unit | Item code |
|-----------------------------|----------------------|------------------|-------------------|------------------|---------------------|
| | Beam max. length (m) | Opening time (s) | Use frequency (%) | | |
| 620 rapid LH/RH STD | 4.00 | 2 (3m) 3 (4m) | Continuous duty | Built-in 624 BLD | See following table |
| 620 rapid articulated LH/RH | 3.00 (articulated) | 3 | Continuous duty | Built-in 624 BLD | See following table |

The packages 620 rapid include: barrier body - for rectangular / round / pivoting round beam (620 RAP.) - for rectangular articulated beam (620 RAP. ART.), hydraulic drive transmission system complete with balancing spring, installation accessories, a triangular release key.

ORDER CODES TABLE FOR 620 RAPID BARRIER

| Model | Beam profile | Beam length (mm) | LH version code | RH version code |
|-----------------------|--|-------------------|-----------------|-----------------|
| 620 RAPID | 620 standard rectangular | 1,315 to 2,055 | 1046328 | 1046528 |
| | | 2,065 to 2,555 | 1046338 | 1046538 |
| | | 2,565 to 3,055 | 1046348 | 1046548 |
| | | 3,065 to 3,815 | 1046358 | 1046558 |
| | 620 round | 1,500 to 2,740 | 1046328 | 1046528 |
| | | 2,750 to 3,240 | 1046338 | 1046538 |
| | | 3,250 to 4,000 | 1046348 | 1046548 |
| | | 0 to 2,300 mm | 1046328 | 1046528 |
| | NEW 620 round S | 2,310 to 2,800 mm | 1046338 | 1046538 |
| | | 2,810 to 3,300 mm | 1046348 | 1046548 |
| | 620 pivoting round | 1,500 to 2,240 | 1046328 | 1046528 |
| | | 2,250 to 2,740 | 1046338 | 1046538 |
| 2,750 to 3,000 | | 1046348 | 1046548 | |
| 620 RAPID ARTICULATED | 620 rectangular articulated A(*) = 815 to 1314 mm | 1,315 to 1,815 | 1047208 | 1047308 |
| | | 1,825 to 2,815 | 1047218 | 1047318 |
| | 620 rectangular articulated A(*) = 1315 to 1814 mm | 1,825 to 2,815 | 1047228 | 1047328 |
| | 620 rectangular articulated A(*) = 1815 to 2075 mm | 1,825 to 2,815 | 1047238 | 1047338 |



Notes

- **IMPORTANT:** the beam fastening pocket is not included in the case and must be ordered separately (Specific accessories).
- (*) A = H - 1.125 mm where H is the floor to ceiling height.
- You can determine right or left barrier version by looking at the barrier from the door side (see drawing above). The door usually faces the inside of the property.
- **IMPORTANT:** the rectangular beam has a profile in anti-impact rubber; for balancing reasons, "active" safety edges cannot be installed on the beam profile.
- A skirt kit and/or end foot cannot be installed on a round beam.

CONTROL UNITS



Built-in control board 624 BLD
Technical specifications page 155

SPECIFIC ACCESSORIES



Articulation kit - max. ceiling height 3 m (only for standard rectangular beams)

Item code 428137



Foundation plate

Item code 490058