

615 BPR

Automatic barrier for beams up to 5 m

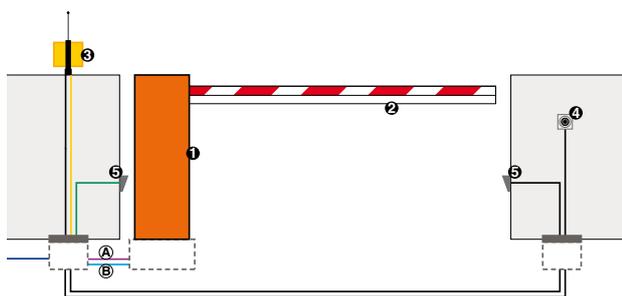
- Hydraulic operator with opening and closing block
- Ideal for medium transit frequency and for controlling small and medium private areas
- Anti-crushing hydraulic safety device
- Manual release by triangular key
- Already equipped with limit-switches
- Accommodate use of anti-vandal valve.



DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 615 BPR

| | 615 BPR STD | 615 BPR RAP |
|-------------------------------------|---|-------------|
| Power supply voltage | 230 Vac (+6% -10%) 50 (60) Hz | |
| Electric motor | single-phase, bi-directional | |
| Absorbed power | 220 W | |
| Absorbed current | 1A | |
| Motor rotation speed | 1400 r.p.m. | 2800 r.p.m. |
| Pump flow rate | 1.5 l/min | 3 l/min |
| Thermal protection on motor winding | 120°C | |
| Effective torque | 0 to 400 Nm | 0 to 300 Nm |
| Operating ambient temperature | -20°C to +55°C | |
| Weight | 34 kg | |
| Type of oil | FAAC HP OIL | |
| Barrier body treatment | Cataphoresis | |
| Paint | Polyester RAL 2004 | |
| Protection class | IP 44 | |
| Max. consecutive cycles (at 20°) | 220 | 340 |
| Type of rectangular beam | standard-standard with skirt (4 m) - articulated standard | standard |
| Dimensions (L x D x H) in mm | 270 x 140 x 1015 | |
| Thrust capacitor | 8 µF 400 V | |

TYPICAL INSTALLATION EXAMPLE



■ (A) Low voltage cabling

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

■ (B) Power cabling (230 V)

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

N.B: Cable sections in mm²

| Ref. | Q.ty | Description | Item code | Price (euro) |
|--------------|------|--|--------------|--------------|
| ① | 1 | 615 BPR standard barrier body with in-built control unit 615 BPR | 104906 | |
| | 1 | Foundation plate for 615 | 490073 | |
| | 1 | Fastening pocket for rectangular beam | 428342 | |
| ② | 1 | Rectangular beam 4,815 mm | 428091 | |
| | 1 | Balancing spring wire 8 | 721018 | |
| | 1 | Receiver board RP 433 SLH | 787824 | |
| | 1 | Two-channel transmitter XT2 433 SLH | 787003 | |
| ③ | 1 | Flashing lamp FAACLIGHT | 410013 | |
| ④ | 1 | Pair of photocells FOTOSWITCH | 785152 | |
| | 2 | Aluminium columns for FOTOSWITCH | 401028 | |
| ⑤ | 1 | Key-operated push-button T10 | 401010001/36 | |
| | 2 | Foundation plates for columns | 737630 | |
| | 1 | Plastic container to be walled in | 720086 | |
| TOTAL | | | | |

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.

615 BPR

| Model | Use | | | Control unit | Item code | Price (euro) |
|------------------|----------------------|------------------|-------------------|------------------|-----------|--------------|
| | Beam max. length (m) | Opening time (s) | Use frequency (%) | | | |
| 615 BPR standard | 5.00 | 6 | 50 | Built-in 615 BPR | 104906 | |
| 615 BPR rapid | 2.50 | 3 | 40 | Built-in 615 BPR | 104907 | |

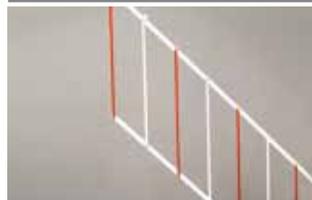
The packages 615 include: barrier body, hydraulic transmission system complete with hydraulic control unit and double-acting piston, installation accessories, a triangular release key.

CONTROL UNITS



Built-in control board 615 BPR
Technical specifications page 157

SPECIFIC ACCESSORIES



Skirt kit (*) length 2 m
(only for standard rectangular beams)

Item code 4282431
Price (euro)



Skirt kit (*) length 3 m
(only for standard rectangular beams)

Item code 4282441
Price (euro)



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

Item code 428137
Price (euro)



Standard rectangular beams - 5 lengths:

| | |
|--------------|----------|
| Length | 1,815 mm |
| Item code | 428087 |
| Price (euro) | |
| Length | 2,315 mm |
| Item code | 428088 |
| Price (euro) | |
| Length | 2,815 mm |
| Item code | 428089 |
| Price (euro) | |
| Length | 3,815 mm |
| Item code | 428090 |
| Price (euro) | |
| Length | 4,815 mm |
| Item code | 428091 |
| Price (euro) | |



Round beams

| | |
|--------------|----------|
| Length | 2,500 mm |
| Item code | 428078 |
| Price (euro) | |
| Length | 3,000 mm |
| Item code | 428075 |
| Price (euro) | |
| Length | 4,000 mm |
| Item code | 428079 |
| Price (euro) | |
| Length | 5,000 mm |
| Item code | 428149 |
| Price (euro) | |



Fastening pocket for rectangular or round beams

| | |
|-------------------|--------|
| Rectangular beams | |
| Item code | 428342 |
| Price (euro) | |
| Round beams | |
| Item code | 428152 |
| Price (euro) | |



Foundation plate

Item code 490073
Price (euro)

Notes

- **IMPORTANT:** the beam fastening pocket and the balancing spring are not included in the case and must be ordered separately. Consult "Specific Accessories" and "Balancing springs".
- (*) For use of the skirt kit and/or end foot, we advise you to select the most suitable balancing spring (see relevant table on the following page).



End foot for rectangular beams (*)

Item code 428215
Price (euro)



Support fork for beams

Item code 722633
Price (euro)



Fork support plate

Item code 737621
Price (euro)



Additional triangular release key (10 pcs package)

Item code 713002
Price (euro)



Anti-vandal valve

Item code 401066
Price (euro)

615 BPR

Balancing springs for rectangular beams/rectangular beams with skirt

| ∅ | Rectangular beams | Rectangular beams with skirt | Item code | Price (euro) |
|-----|----------------------|------------------------------|-----------|--------------|
| 5.5 | 1,315 mm to 2,315 mm | 1,315 mm to 2,315 mm | 721008 | |
| 6.6 | 2,316 mm to 2,815 mm | 2,316 mm to 2,815 mm | 721005 | |
| 7.7 | 2,816 mm to 3,815 mm | | 721006 | |
| 7.7 | | 2,816 mm to 3,815 mm | 721007 | |
| 8.8 | 3,816 mm to 4,815 mm | | 721018 | |

Balancing springs for rectangular beams with end foot/skirt and end foot

| ∅ | Rectangular beams with end foot | Rectangular beams with skirt and end foot | Item code | Price (euro) |
|-----|---------------------------------|---|-----------|--------------|
| 5.5 | 1,315 mm to 1,815 mm | 1,315 mm to 1,815 mm | 721008 | |
| 6.6 | 1,816 mm to 2,315 mm | 1,816 mm to 2,315 mm | 721005 | |
| 7.7 | 2,316 mm to 2,815 mm | | 721006 | |
| 7.7 | | 2,316 mm to 3,315 mm | 721007 | |
| 8.8 | 2,816 mm to 3,815 mm | | 721018 | |

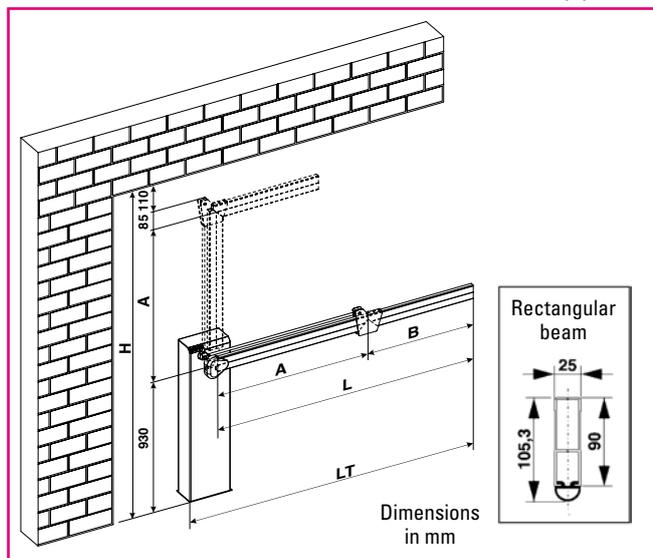
Balancing springs for 615 BPR rapid

| ∅ | Rectangular beam | Round beam | Item code | Price (euro) |
|-----|----------------------|----------------------|-----------|--------------|
| 5.5 | 1,315 mm to 2,315 mm | 1,315 mm to 2,315 mm | 721008 | |

Balancing springs for round beams

| ∅ | Round beam | Item code | Price (euro) |
|-----|----------------------|-----------|--------------|
| 5.5 | 1,500 mm to 3,000 mm | 721008 | |
| 6.6 | 3,001 mm to 4,000 mm | 721005 | |
| 7.7 | 4,001 mm to 5,000 mm | 721006 | |

Parameters calculation for articulated barriers 615 (*)



Balancing springs for articulated barrier 615

| L (mm) | A (mm) | Item code |
|--------|----------------|-----------|
| 1,815 | 815 to 1,314 | |
| | 2,815 | |
| 3,815 | 815 to 1,314 | |
| | 1,315 to 2,075 | |
| 5.5 | 815 to 2,075 | |

L = Beam length
 H = Floor to ceiling height (max. 3.20 m)
 A = H - 1,155 mm

Notes

- (*) The 615 STANDARD barrier bodies are already designed for the articulated beam, to be constructed with the articulation kit (max ceiling height 3.20 m). See Specific Accessories for 615 on the previous page.
- IMPORTANT: the rectangular beam has a profile in anti-impact rubber; for balancing reasons, "active" safety edges cannot be installed on the beam profile.



Key-operated push-buttons
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Photocells and Columns
page 189



Safety devices
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Flashing lamps
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Transmitters
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Various accessories
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