

615BPR

Automatic Barrier 230V



Max beam length

5 m

Opening time

2,5 - 5,7 s

Use frequency

40% - 50%

- Hydraulic operator with opening and closing lock.
- Ideal for medium transit frequency and for controlling small and medium private areas.
- Standard version equipped with limit switches and anti-crushing hydraulic safety device



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	615BPR Standard Orange RAL 2004	615BPR Standard Grey RAL 9006	615BPR Rapid
Power supply voltage	220-240V ~ 50/60 Hz		
Electric motor	Asynchronous single phase		
Motor rotation speed	1.400 rpm (*)		2.800 rpm (*)
Max. power	220 W		
Max. torque	0 ÷ 400 Nm (*)		0 ÷ 300 Nm (*)
Motor-pump unit capacity	1,5 lpm (*)		3 lpm (*)
Material type	Steel		
Type of treatment	100 micron protective primer + polyester painting RAL 2004 - RAL 9006	100 micron zinc epoxy galvanisation + polyester painting RAL 2004	
Encoder	No - anti-crushing hydraulic safety device		
Type of deceleration	Electronic - Adjustable		
Type of beam	Rectangular - Rectangular with skirt - Articulated - Round with lights		Rectangular - Rectangular with skirt - Rectangular articulated - Round
Operating ambient temperature	-20°C ÷ +55°C		
Thermal protection	120°C		
Cooling	-		
Protection class	IP44		
Weight	34 Kg		
Type of oil	FAAC HP OIL		
Dimensions (LxDxH)	270 x 140 x 1015 mm		
Beam max length	5 m		2,5 m
Opening time	5,7 s (90°)		3 s (90°)
Use frequency	50%		40%
Electronic equipment	615BPR incorporated		

(*) data referred to 230V~ 50Hz.

FAMILY MODELS

Model	Item code
615BPR Standard Orange RAL 2004	104906
615BPR Standard Grey RAL 9006	104910
615BPR Rapid Orange RAL 2004	104907
615BPR Rapid Grey RAL 9006	104911

PACKS

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

Typical Installation Examples page. 303

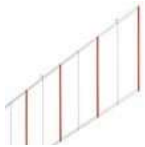
ELECTRONIC CONTROL UNITS



615BPR control unit
(incorporated in
automation)
Info at page 157

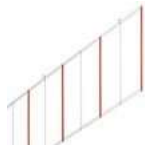
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COMMON ACCESSORIES FOR ALL APPLICATIONS



Skirt kit length 2 m

428441



Skirt kit length 3 m

428446



Adjustable fork for
beam support

428806



Support plate for fork

737621



Adjustable end foot for
beam support

428805



Foundation plate

490073

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Anti-vandalism valve

401066



Supplementary
triangular release key
(10 pcs. pack)

713002

NOTE

IMPORTANT: the rectangular and S beams have an anti-impact rubber profile; for balancing reasons, "active" safety edges cannot be installed on the beam profile.

For correct balancing, installing an end foot on a beam and on a beam with skirt requires a barrier cabinet for a beam length greater than 0.5 m.

OTHER ACCESSORIES

Key operated
buttons
page 179

Laser Sensors
page 194

Transmitters
and receivers
page 171

Photocells and
columns
page 187

Flashing lights
page 197

Various
accessories
page 198

ROUND BEAMS S AND SPECIFIC ACCESSORIES



Round beams S - Ø
75 mm
(adhesive labels not
included)

Length (mm)	Item code
2.300	428045
3.300	428042
4.300	428043
5.000	428002

The round S beams are supplied with protective rubber and for balancing reasons it is not possible to install on the beam profile the "active" safety edge.



Fixing bracket for
round beams S 615/620/
B614

428445



Beam light connection
kit 615

390081

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Luminous cord 12 m
pack

390993



Adhesive reflector kit
(6 pcs.)

490117

BALANCING SPRINGS FOR ROUND S BEAMS

Ø (mm)	Round beam S (mm)	Round beam S with end foot (mm)	Round beam S with skirt (mm)	Round beam S with skirt and end foot (mm)	Item code
5,5	0 ÷ 2.300	0 ÷ 2.300	0 ÷ 2.300		721008
6,0	2.310 ÷ 3.300			0 ÷ 2.300	721005
7,0	3.310 ÷ 4.300	2.310 ÷ 3.300	2.310 ÷ 3.300	2.310 ÷ 3.300	721006
8,0	4.310 ÷ 5.000	3.310 ÷ 4.300	3.310 ÷ 4.300		721018

the balancing springs are not included in the cabinet and must be ordered separately. For use of the skirt kit and/or end foot, we advise you to select the most suitable balancing spring.

BALANCING SPRINGS FOR ROUND S BEAMS WITH LIGHTS

Ø (mm)	Round beam S with lights (mm)	Round beam S with lights and end foot (mm)	Round beam S with lights and skirt (mm)	Round beam S with lights, skirt and end foot (mm)	Item code
5,5	0 ÷ 2.300	0 ÷ 2.300			721008
6,0	2.310 ÷ 3.300		0 ÷ 2.300	0 ÷ 2.300	721005
7,5	3.310 ÷ 4.300	2.310 ÷ 3.300	2.310 ÷ 3.300	2.310 ÷ 3.300	721007
8,0	4.310 ÷ 5.000	3.310 ÷ 4.300	3.310 ÷ 4.300		721018

the balancing springs are not included in the cabinet and must be ordered separately. For use of the skirt kit and/or end foot, we advise you to select the most suitable balancing spring.

NOTE

The beam bracket is not included in the cabinet and must be ordered separately

RECTANGULAR BEAMS AND SPECIFIC ACCESSORIES



Rectangular standard beam

Length (mm)	Item code
2.315	428088
2.815	428089
3.815	428090
4.815	428091

The rectangular beams are supplied with protective rubber and for balancing reasons it is not possible to install on the beam profile the "active" safety edge.



Beam bracket for rectangular beam

428342



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

428137

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NOTE

The beam bracket is not included in the cabinet and must be ordered separately

Replace the black shockproof rubber profile with the red one supplied when installing the kit. The kit cannot be used together with other accessories installed on the beam.



Beam light connection kit 615

390081



Luminous cord 12 m pack

390993



Rectangular beam light connection kit

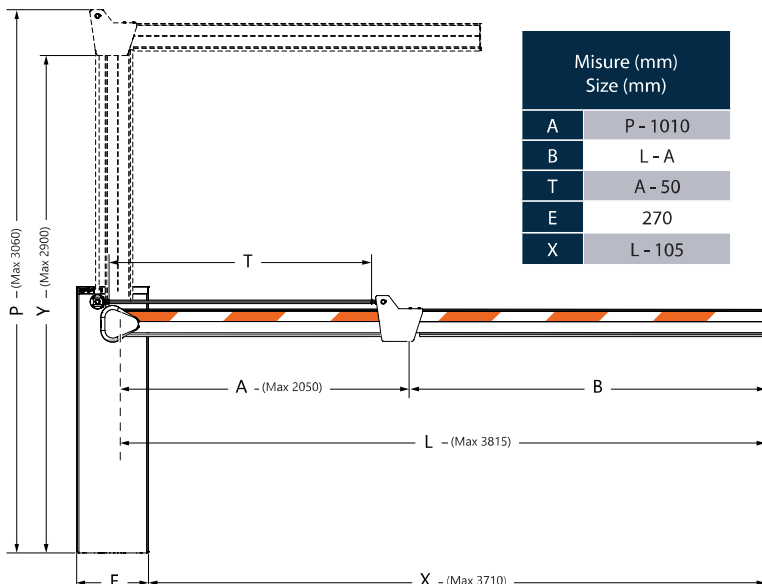
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BALANCING SPRINGS FOR RECTANGUAL BEAMS

Ø (mm)	Rectangular beams	Rect. beams with lights (mm)	Rect. beams with skirt (mm)	Rect. Beams with end foot (mm)	Rect. beams with skirt and end foot (mm)	Item code
5,5	1.315 ÷ 2.315	1.315 ÷ 2.315	1.315 ÷ 2.315	1.315 ÷ 1.815	1.315 ÷ 1.815	721008
6,0	2.316 ÷ 2.815	2.316 ÷ 2.815	2.316 ÷ 2.815	1.816 ÷ 2.315	1.816 ÷ 2.315	721005
7,0	2.816 ÷ 3.815	2.816 ÷ 3.670		2.316 ÷ 2.815		721006
7,5			2.816 ÷ 3.815		2.316 ÷ 3.315	721007
8,0	3.816 ÷ 4.815	3.671 ÷ 4.815		2.816 ÷ 3.815		721018

the balancing springs are not included in the cabinet and must be ordered separately. For use of the skirt kit and/or end foot, we advise you to select the most suitable balancing spring.

ARTICULATED BEAMS



ARTICULATED 615 BALANCING SPRINGS

BALANCING SPRINGS CODES		3815	3315	2815	2315	1815
A	mm	3815	3315	2815	2315	1815
	750	721007	721006	721006	721005	721008
	1000	721007	721006	721006	721005	721008
	1250	721007	721006	721006	721005	721008
	1500	721007	721006	721006	721005	721005
	1750	721007	721006	721006	721006	721005
2050	721007	721007	721006	721006		
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