

615BPR

Automatic 230V Barrier



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	615BPR Rapid
Power supply voltage	220-240V~ 50/60 Hz	
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	
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, installation accessories, a triangular release key.

Typical Installation Examples page. 350

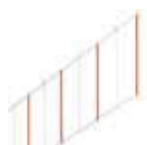
ELECTRONIC CONTROL UNITS



615BPR control unit
(incorporated in
automation)
Info at page 161

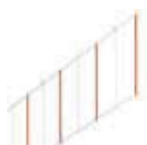
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COMMON ACCESSORIES FOR ALL APPLICATIONS



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.

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



Round 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	Round beam S with end foot	Round beam S with skirt	Round beam S with skirt and end foot	Item code
5,5	0 ÷ 2,300 mm	0 ÷ 2,300 mm	0 ÷ 2,300 mm		721008
6,0	2310 ÷ 3300 mm			0 ÷ 2,300 mm	721005
7,0	3310 ÷ 4300 mm	2310 ÷ 3300 mm	2310 ÷ 3300 mm	2310 ÷ 3300 mm	721006
8,0	4310 ÷ 5000 mm	3310 ÷ 4300 mm	3310 ÷ 4300 mm		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	Round beam S with lights and end foot	Round beam S with lights and skirt	Round beam S with lights, skirt and end foot	Item code
5,5	0 ÷ 2,300 mm	0 ÷ 2,300 mm			721008
6,0	2310 ÷ 3300 mm		0 ÷ 2,300 mm	0 ÷ 2,300 mm	721005
7,5	3310 ÷ 4300 mm	2310 ÷ 3300 mm	2310 ÷ 3300 mm	2310 ÷ 3300 mm	721007
8,0	4310 ÷ 5000 mm	3310 ÷ 4300 mm	3310 ÷ 4300 mm		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
- ♦ For correct balancing, installing lights on a round beam and a round beam with skirt for lengths greater than 2,800 mm requires a barrier cabinet for a beam length greater than 0.5 m. N.B. In case of beam with end foot and lights consider 1 m (0,5 m lights + 0,5 m endfoot).

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

BALANCING SPRINGS FOR RECTANGULAR BEAMS

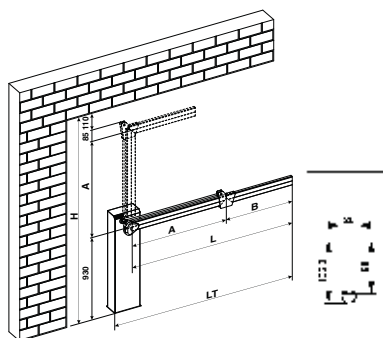
Ø (mm)	Rectangular beams	Rect. beams with skirt	Rect. beams with end foot	Rect. beams with skirt and end foot	Item code
5,5	1315 mm ÷ 2315 mm	1315 mm ÷ 2315 mm	1315 mm ÷ 1815 mm	1315 mm ÷ 1815 mm	721008
6,0	2316 mm ÷ 2815 mm	2316 mm ÷ 2815 mm	1816 mm ÷ 2315 mm	1816 mm ÷ 2315 mm	721005
7,0	2816 mm ÷ 3815 mm		2316 mm ÷ 2815 mm		721006
7,5		2816 mm ÷ 3815 mm		2316 mm ÷ 3315 mm	721007
8,0	3816 mm ÷ 4815 mm		2816 mm ÷ 3815 mm		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

ARTICULATED BEAMS



ARTICULATED 615 BALANCING SPRINGS

L (mm)	A (mm)	Item code
1.815	815 ÷ 1.314	721008
	1.315 ÷ 1.815	721005
2.815	815 ÷ 1.314	721008
	1.315 ÷ 2.075	721005
3.815	815 ÷ 2.075	721006

L = Beam length

H = Height between floor and ceiling (max 3.2 m)

A = H - 1125 mm

The 615BPR cabinets fit the articulated beam to be assembled through the articulation kit (max ceiling height 3,2 m).

OTHER ACCESSORIES

Key operated buttons
page 176

Safety devices
page 190

Transmitters and receivers
page 168

Photocells and columns
page 186

Flashing lights
page 198

Various accessories
page 200