

620 Rapid

Automatic 230V Barrier



Max beam length

3 - 3,8 m

Opening time

2 - 3 s

Use frequency

Continuous use



- Patented electronic deceleration and barriers status signalling through traffic management devices.
- Ideal for heavy traffic, where fast opening is a must.
- Two channels integrated detector and 11 pre-set logics



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	620 Rapid
Power supply voltage	220-240V- 50/60 Hz
Motor	Asynchronous single phase
Motor rotation speed	1.400 - 2.800 rpm (*)
Max. power	220 W
Max. torque	0 ÷ 150 / 0 ÷ 140 Nm (*)
Motor-pump unit capacity	1,5 - 2 lpm (*)
Material type	Steel
Type of treatment	100 micron protective primer + polyester painting RAL 2004
Encoder	No - anti-crushing hydraulic safety device
Type of deceleration	Electronic - Adjustable with cams
Type of beam	Rectangular - Articulated - Round - Pivoting round
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	120°C
Cooling	With forced air
Protection class	IP44
Weight	73 Kg
Type of oil	FAAC HP OIL
Dimensions (LxDxH)	350 x 170 x 1080 mm
Beam max length	3,8 m
Opening time	2 s (90° - 3 m) - 3 s (90° - 4 m)
Use frequency	100%
Electronic equipment	624BLD incorporated

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

FAMILY MODELS

Model	Item code
620 Rapid L/R	See table below

PACKS

620 Rapid includes: barrier body - for a rectangular / round / pivoting round / S-round beam (620 Rapida) - for a jointed rectangular beam (jointed 620 Rapida), oil-hydraulic movement transmission system complete with a balancing spring, incorporated 624BLD electronic board, installation accessories, one triangular release key.

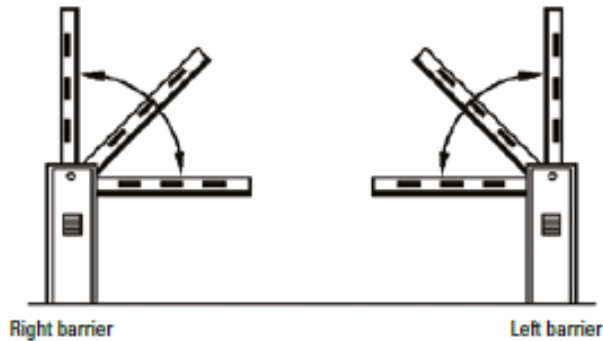
Typical Installation Examples page. 341

BARRIER ORDERING CODES TABLE

Model	Beam	Beam length (mm)	LH version code	RH version code
620 Rapid	620 rectangular standard	2.065 ÷ 2.555	1046338	1046538
		2565 ÷ 3055	1046348	1046548
		3.065 ÷ 3.815	1046358	1046558
	620 rectangular with lights	2.065 ÷ 2.555	1046338	1046538
		2565 ÷ 3055	1046348	1046548
		3.065 ÷ 3.665	1046358	1046558
	620 round S	2.310 ÷ 2.800	1046338	1046538
		2810 ÷ 3300	1046348	1046548

(*) $A = H - 1155$ mm where H is the floor to ceiling height.

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



NOTE

You can determine right or left barrier version by looking at the barrier from the door side (see drawing). The door usually faces the inside of the property.
The 620 Rapid barrier does not allow the installation of end foot and/or skirt kit.

ELECTRONIC CONTROL UNITS



624BLD electronic control unit (incorporated)
Info at page 154

2022715

COMMON ACCESSORIES FOR ALL APPLICATIONS



Foundation plate

490058



Adjustable fork for beam support

428806



Support plate for fork

737621

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Anti-vandalism valve

401066



Anti-panic unit *

401051



Supplementary triangular release key (10 pcs. pack)

713002



Release lock with customised key (from n. 1 to n. 10)

424641-50

NOTE

♦ The anti-panic unit and the anti-vandal valve cannot coexist on the same barrier. It allows manual opening of the beam in case of power cut.

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

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.

For correct balancing, installing lights on a round beam or on a round beam with skirt, for lengths greater than 2,800 mm, requires a barrier cabinet for a beam length greater than 0.5m. N.B. In case of beam with end foot and lights consider 1m (0,5 m lights + 0,5 m end foot).



Fixing bracket for round beams S 615/620/ B614 *

428445



Beam light connection kit

390992

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Luminous cord 12 m pack

390993




Adhesive reflector kit (6 pcs.)

490117

NOTE

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

RECTANGULAR BEAMS AND SPECIFIC ACCESSORIES

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

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



Beam light connection kit

390992



Luminous cord 12 m pack


390993



Rectangular beam light connection kit

390184

PIVOTING ROUND BEAMS AND SPECIFIC ACCESSORIES

	Length (mm)	Item code
	2.500	428175
	3.000	428176

It is not possible to install skirt kits, end foot and fork on the new round pivoting beams.



Beam bracket for pivot round beam - (STAINLESS STEEL)

428163



Break-in sensor for pivoting round beams

390828

OTHER ACCESSORIES

Key operated buttons
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Safety devices
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Transmitters and receivers
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Photocells and columns
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Flashing lights
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Various accessories
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