

620 Standard

Automatic Barrier 230V



Max beam length

4 - 5 m

Opening time

3,5 - 4,5 s

Use frequency

70%



- Patented electronic deceleration and barriers status signalling through traffic management devices.
- The ideal solution for heavy but not continuous traffic.
- Two channels integrated detector and 11 pre-set logics



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	620 Standard
Power supply voltage	220-240V~ 50/60 Hz
Electric motor	Asynchronous single phase
Motor rotation speed	1400 rpm (*)
Max. power	220 W
Max. torque	0 ÷ 220 / 0 ÷ 180 Nm (*)
Motor-pump unit capacity	0,75-1 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 - Rectangular with skirt - Articulated - Round - Round pivoting
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	120°C
Cooling	-
Protection class	IP44
Weight	73 Kg
Type of oil	FAAC HP OIL
Dimensions (LxDxH)	350 x 170 x 1080 mm
Beam max length	5 m
Opening time	3,5 s (90° - 3 m) - 4,5 s (90° - 4 m)
Use frequency	70%
Electronic equipment	624BLD incorporated

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

FAMILY MODELS

Model	Item code
620 standard L/R	See table below

PACKS

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

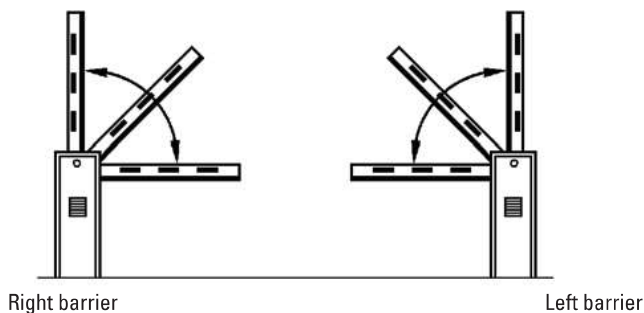
Typical Installation Examples page. 304

BARRIER ORDERING CODES TABLE

Model	Beam	Beam length (mm)	LH version code	RH version code	
620 Standard	620 rectangular standard	1.315 ÷ 2.055	1046268	-	
		2.065 ÷ 2.555	1046208	1046408	
		2.565 ÷ 3.055	1046278	1046478	
		3.065 ÷ 3.815	1046288	1046488	
		3.825 ÷ 4.815	1046228	1046428	
	620 rectangular standard with lights	1.315 ÷ 2.055	1046268	-	
		2.065 ÷ 2.555	1046208	1046408	
		2.565 ÷ 3.055	1046278	1046478	
		3.065 ÷ 3.665	1046288	1046488	
		3.675 ÷ 4.490	1046228	1046428	
	620 rectangular standard with skirt	4.500 ÷ 4.815	1047508	1047518	
		1.815 ÷ 2.805	1046208	1046408	
		2.815 ÷ 3.555	1046218	1046418	
		3.565 ÷ 3.815	1046228	1046428	
	620 round S	3.825 ÷ 4.815	1047508	1047518	
		0 ÷ 2.300	1046268	-	
		2.310 ÷ 2.800	1046208	1046408	
		2.810 ÷ 3.300	1046278	1046478	
		3.310 ÷ 3.800	1046288	1046488	
		3.810 ÷ 4.300	1046228	1046428	
		4.310 ÷ 5.000	1046228	1046428	
		620 round S with skirt	0 ÷ 2.300	1046268	-
			2.310 ÷ 2.800	1046208	1046408
			2.810 ÷ 3.300	1046218	1046418
3.310 ÷ 3.800	1046228		1046428		
3.810 ÷ 4.300	1047508		1047518		
620 round pivoting	4.310 ÷ 5.000	1047508	1047518		
	1.500 ÷ 2.240	1046268	-		
	2.250 ÷ 2.740	1046208	1046408		
	2.750 ÷ 3.000	1046278	1046478		
620 Standard ARTICULATED	620 rectangular articulated A(*) = 1315 ÷ 1814 mm	2.825 ÷ 3.815	1047048	1047148	
	620 rectangular articulated A(*) = 1815 ÷ 2075 mm	1.825 ÷ 2.815	1047048	1047148	

(*) $A = H - 1125$ (mm) where H is the floor to ceiling height.

For correct balancing, the installation of a foot on a beam and on a beam with skirt, requires a barrier cabinet for beam lengths 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.

620 Standard

ELECTRONIC CONTROL UNITS



624BLD electronic control unit (incorporated)
Info at page 157

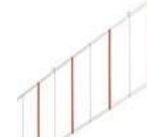
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COMMON ACCESSORIES FOR ALL APPLICATIONS



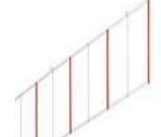
Foundation plate

490058



Skirt kit length 2 m

428441



Skirt kit length 3 m

428446

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Adjustable fork for beam support

428806



Support plate for fork

737621



Adjustable end foot for beam support

428805



Anti-vandalism valve

401066



Anti-panic unit

401051



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

424641-50

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Supplementary triangular release key (10 pcs. pack)

713002

PIVOTING ROUND BEAMS AND SPECIFIC ACCESSORIES



Pivoting round beams

Length (mm)

3,000

Item code

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

NOTE

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. 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
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.

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Luminous cord 12 m pack

390993



Adhesive reflector kit (6 pcs.)

490117



Fixing bracket for round beams S 615/620/B614

428445



Beam light connection kit

390992

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

390992



Luminous cord 12 m pack

390993



Rectangular beam light connection kit

390184

OTHER ACCESSORIES

Key operated buttons
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Laser Sensors
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Transmitters and receivers
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Photocells and columns
page 187

Flashing lights
page 197

Various accessories
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