



NEW

Max beam length

5 m

Opening time

<2 s (80° with 3 m beam)

Use frequency

Continuous use



- Maximum Anti-crushing safety and motor with integrated encoder
- Speed adjustment and smooth operation.
- Integrated control unit in the upper part of the beam body, i.e easy maintenance and intuitive programming



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	B614
Power supply voltage	220-240V ~ 50/60 Hz
Motor	With brushes 24V ---
Max. power	165 W
Max. torque	300 Nm - 63 Nm (Thrust - 45°)
Material type	Steel
Type of treatment	Deep zinc treatment, thickness 15µm + polyester dust painting
Encoder	Incremental integrated in the motor
Type of deceleration	Electronic + mechanic
Type of beam	Rectangular and round
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP55
Weight	40 Kg
Dimensions (LxDxH)	360 x 250 x 1163 mm
Beam max length	5 m
Opening time	< 2 s (80° - 3m)
Use frequency	100%
Electronic equipment	E614

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

FAMILY MODELS

Model	Item code
B614 Red RAL 3020	104614

Available starting from June 2018

PACKS

B614 includes: barrier cabinet, electromechanical gearmotor and transmission unit, electronic control unit, installation accessories, a triangular release key.

Typical Installation Examples page. 349

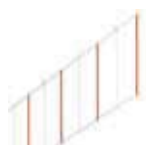
ELECTRONIC CONTROL UNITS



E614 Control unit
(built-in)
Info at page 160
As of June 2018

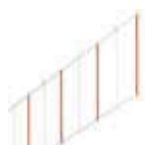
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COMMON ACCESSORIES FOR ALL APPLICATIONS



Skirt kit length 2 m

428441



Skirt kit length 3 m

428446



Adjustable end foot for
beam support

428805



Support plate for fork

737621



Adjustable fork for
beam support

428806



Foundation plate
As of June 2018

490183

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B614 integrated
flashing traffic light
As of June 2018

410031



Double spring fittings
pack ♦
As of June 2018

490186



Supplementary
triangular release key
(10 pcs. pack)

713002

XBAT 24 emergency
battery kit

390923

NOTE

♦ Use in case two balancing springs are needed. See balancing springs table in the following pages.

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



Articulated kit for
round beam S (max
4 m)

428444

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Luminous cord 12 m
pack

390993



Adhesive reflector kit
(6 pcs.)

490117



Round beam light
connection kit S/L

390992

BALANCING SPRINGS FOR ROUND BEAMS S WITH LIGHTS (NUMBER OF NEEDED SPRINGS)

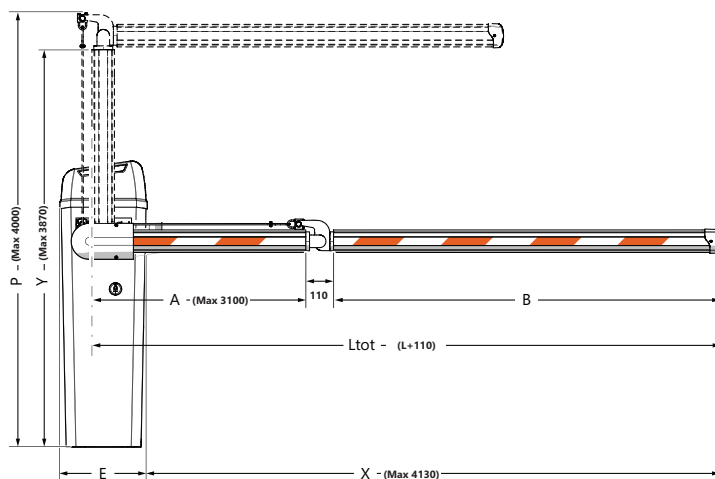


Balancing spring for
B614
As of June 2018

721209

Beam length	Without accessories	With lights	With skirt	With end foot	With lights and end foot	With skirt and end foot	With lights, skirt and end foot	With articulation kit
0 ÷ 3.200 mm	1	1	1	1	1	2	2	1
3.200 ÷ 3.700 mm	1	1	1	1	2	2	2	2
3.700 ÷ 4.200 mm	1	2	2	2	2	2	2	2
4.200 ÷ 4.700 mm	2	2	2	2	2	2		
4.700 ÷ 5.200 mm	2	2	2	2	2			

The balancing springs are not included in the cabinet and must be ordered separately.



Misure (mm)
Size (mm)

A	P - 900
B	L - A
E	360
X	L - 170
L	A+B (Max 4300)

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

BALANCING SPRINGS FOR RECTANGULAR BEAMS (NUMBER OF NEEDED SPRINGS)

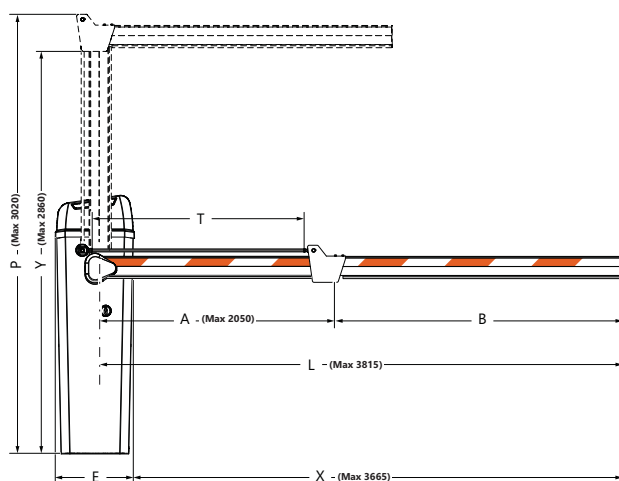


Balancing spring for B614
As of June 2018

721209

Beam length	Without accessories	With lights	With skirt	With end foot	With skirt and end foot	With articulation kit
0 ÷ 2.000 mm	1	1	1	1	1	1
2.000 ÷ 2.850 mm	1	1	1	1	1	1
2.850 ÷ 3.350 mm	1	1	1	1	1	2
3.350 ÷ 3.850 mm	1	1	2	2	2	2
3.850 ÷ 4.350 mm	1	2	2	2	2	
4.350 ÷ 4.850 mm	2	2	2	2	2	

The balancing springs are not included in the cabinet and must be ordered separately.



Misure (mm)
Size (mm)

A	P - 970
B	L - A
T	A - 50
E	360
X	L - 150

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