

DATA SHEET

Standard



Barrier boom
Oval boom

Optional extras



Photocell



Inductionloop



LED lighting strips
for barrier boom



BiSecur
radio receiver

Automatic barrier SH 50 Oval boom



Automatic barrier SH 50
with oval boom

Dimensions barrier housing in mm

Width	Height	Depth
220	1170	360

Opening / closing phase (depending on barrier boom length and accessories)

Open	3 - 6 s
Close	3 - 6 s

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Product description

Barrier width max.	5010 mm (with oval boom length 5300 mm)		
Barrier width min.	2710 mm (with oval boom length 3000 mm)		
Version	Right-hand operation (standard), conversion to left-hand operation possible		
Cycles per day	up to 500		
Overall cycles (service life)	up to 1,000,000		
Motor	24 V DC		
Mains voltage	230 V (1~) +/- 10%, 50 Hz		
Power limit	Available		
Emergency / maintenance release	Available		
Wind load class	Length of barrier boom	Wind load class without support post	Wind load class with support post
	3 – 4 m	4	4
	4 – 5 m	4	4
	5 – 5.3 m	3	4
Standby	< 3		
Temperature range	-25 °C to +50 °C		
Protection Category	IP 54		
Weight	Barrier 50 kg + barrier oval boom 1.32 kg/m		
Barrier housing	Barrier housing made of phosphated steel, powder-coated in RAL 9006 White aluminium Removable barrier housing door with locking		
	Barrier cover made of aluminium die-cast, powder-coated in RAL 7016 Anthracite grey with integrated LED cover lighting (incl. warning light function)		
Barrier boom	Dimensions (W × H) 50 × 100 mm (50 x 120 mm incl. impact protection)		
	Barrier boom holder for left and right operation		
	Made of aluminium, powder-coated in RAL 9016 Traffic white, with red reflecting strips and cover caps		
	Bottom side with impact protection and groove to hold the accessories (LED lighting strip, stabiliser link, magnet)		

Control

Micro-processor barrier control with buttons for operating and setting the barrier
7-segment display and diagnosis LED to display operating conditions
Operation time monitoring during barrier operation
Impact protection thanks to microprocessor-controlled power limit
Impulse control with automatic timer
Service switch (barrier door switch): prevents the automated movement of mechanical components when the barrier housing door is open
4 relay switching outputs to control external components
Barrier synchronous operation possible