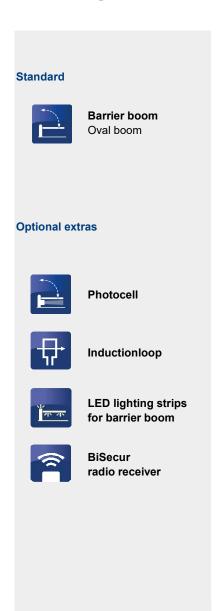
HORMANN

DATA SHEET



Automatic barrier SH 50 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



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)			
	Dimensions (W × H) 50 × 100 mm (50 x 120 mm incl. impact protection)			
Barrier boom	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