

FAAC



EXTERNAL AUTOMATIONS FOR SWING-LEAF GATES

S450H

24V Hydraulic operator

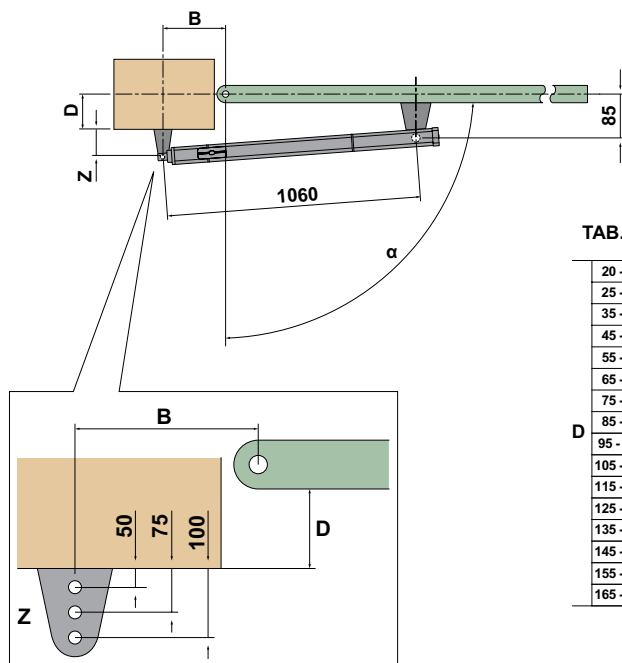
MAX WIDTH SINGLE LEAF
2 - 3 m

USE FREQUENCY
Continuous use



- Hybrid Technology (Hydraulic + 24V).
- Integrated encoder SAFEcoder with anti-crushing function and reverse upon obstacle detection.
- Opening and closing mechanical stops included.

INSTALLATION DIMENSIONS



TAB. 1

	B									
	75 - 84	85 - 94	95 - 104	105 - 114	115 - 124	125 - 134	135 - 144	145 - 154	155 - 164	165 - 175
20 - 24					110° (3)	110° (3)	115° (3)	108° (3)	100° (3)	100° (3)
25 - 34					108° (3)	110° (3)	110° (3)	103° (3)	100° (3)	94° (3)
35 - 44				100° (3)	107° (3)	108° (3)	104° (3)	111° (2)	104° (2)	100° (2)
45 - 54				100° (3)	105° (3)	106° (3)	100° (3)	106° (2)	100° (2)	96° (2)
55 - 64			97° (3)	100° (3)	105° (3)	99° (3)	107° (2)	100° (2)	96° (2)	92° (2)
65 - 74		93° (3)	97° (3)	100° (3)	100° (3)	110° (2)	101° (2)	96° (2)	102° (1)	98° (1)
75 - 84		90° (3)	95° (3)	100° (3)	105° (2)	102° (2)	111° (1)	105° (1)	98° (1)	94° (1)
85 - 94	90° (3)	90° (3)	95° (3)	100° (2)	104° (2)	96° (2)	104° (1)	100° (1)	94° (1)	90° (1)
95 - 104	90° (3)	90° (3)	95° (3)	100° (2)	96° (2)	106° (1)	98° (1)	96° (1)	90° (1)	
105 - 114	90° (3)	90° (3)	95° (2)	97° (2)	103° (1)	99° (1)	94° (1)	92° (1)		
115 - 124	90° (3)	90° (2)	95° (2)	98° (1)	100° (1)	94° (1)				
125 - 134	90° (2)	90° (2)	95° (1)	98° (1)	94° (1)					
135 - 144	90° (2)	90° (2)	95° (1)	94° (1)						
145 - 154	90° (1)	90° (1)	94° (1)							
155 - 164	90° (1)	90° (1)								
165 - 170	90° (1)									

α (3)	α (2)	α (1)
100° (3)	100° (2)	100° (1)

Hole to be used on the rear bracket

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TECHNICAL SPECIFICATIONS

Model	S450H CBAC	S450H SB
Power supply voltage	220-240V ~ 50/60 Hz	
Electric motor	With brushes 24V	
Max. power	60 W	
Max expressed force	> 5000 N	
Rod max speed	>25 mm/sec	
Rod travel	311 mm	
Max. leaf opening angle	110°	
Operating ambient temperature	-20°C ÷ +55°C	
Protection class	IP55	
Weight	6.5 Kg	
Use frequency	Continuous use	
Max. leaf width	2 m	3 m
Type of oil	FAAC HP OIL	
Mounting brackets	Rear multi-position bracket to be screwed - front adjustable to be screwed	
Dimensions (LxDxH)	1131 x 85 x 119 mm	
Electronic equipment	Not included	



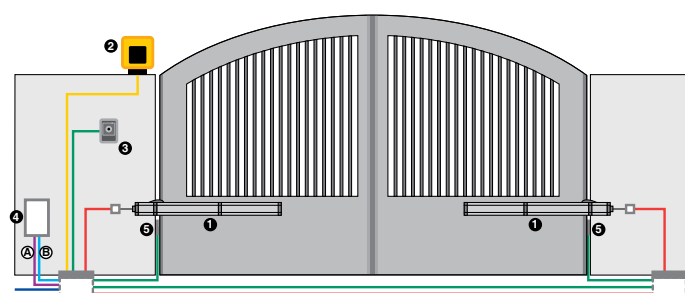
24V SAFEzone system:
S450H + E024S or E124S



24V GREENTech system:
S450H + E124S



INSTALLATION EXAMPLE



A Low voltage cabling
2x0,50 mm² cable
2x0,50 mm² + 2x2,5 mm²
cable
2x1,5 mm² cable

B Power cabling (230V)
2x1,5 mm² +T cable

REF	Q.TY	DESCRIPTION
1	2	S450H CBAC Operators
2	1	XLED flashing light
3	1	Key operated button XK10B
3	1	Lock with key
4	1	E124 Electronic control unit with enclosure
4	1	XF 433 MHz receiver
5	1	Pair of photocells XP 20 BD
	1	XT2 433 SLH LR 2-channel transmitter

www.faactechnologies.com

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