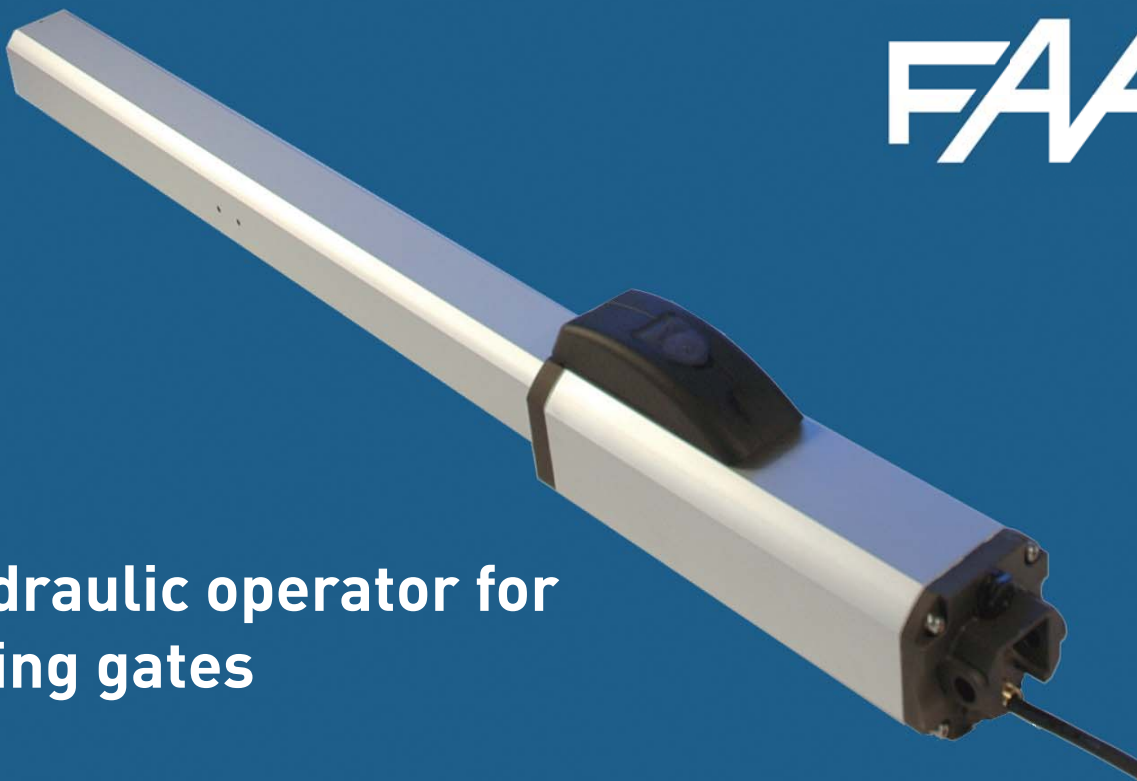


# FAAC

## Hydraulic operator for swing gates



**422** Range

The 422 hydraulic operator is available in 8 models to suit different requirements.



**Reliable. Affordable. Dependable.**

# FAAC

...Leading the way.



Excellence in Automation

## 422 Range

### A versatile option

The 422 system offers a wide range of gate leaf width options for residential and commercial locations. All 422 systems are simple to install and have the added benefit of compatibility with all FAAC control and safety units.

### Maximum security and safety

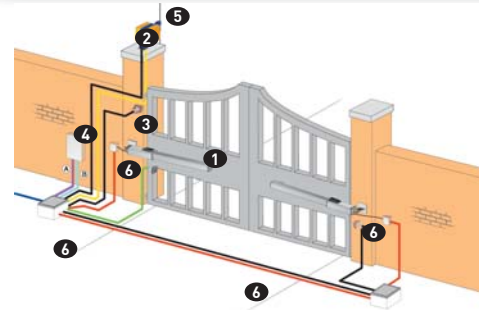
Our hydraulic lock system allows the gates to be held open or closed whilst anti-intrusion security is ensured by the addition of electric or magnetic locks. At the same time sensitive bypass valves in the hydraulic system ensure the maximum anti-crushing safety - with a simple manual override facility in the event of an emergency.

### Low maintenance and quiet efficiency

The combination of a quiet operation, minimal maintenance, and low power consumption is the hallmark of the 422 hydraulic unit - providing a cost effective option for swing gate automation. The addition of a programmable control board provides a slowdown feature at the end of the opening and closing cycles to lower noise and prolong the life of the gate system.

Known for its extensive range of high quality products and innovative manufacturing techniques, FAAC continue to engineer reliable, versatile, cutting edge automation systems, chosen for residential and commercial installations on a worldwide basis. Providing high quality automation systems for gates, barriers, doors, parking and access control products, FAAC is the leading brand in the automation market.

## Installation layout



1. FAAC 422 hydraulic operator
2. FAAC LIGHT
3. Access control device
4. Control board
5. Radio Receiver
6. Photocells

Low voltage cabling

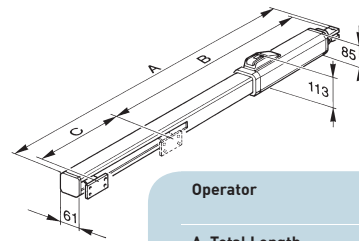
Power cabling (230V)

A { 4 cables 3x 0.5  
3 cables 2x 0.5

B { 2 cables 3x1.5+T  
1 cable 2x1.5+T  
1 cable 2x1.5

NB: Cable diameters in mm?

## Dimensions



Operator	Standard mm	Pedestrian mm
A. Total Length:	987	827
B. Distance between brackets:	693	613
C. Stroke:	240	160

## 422 Technical Specifications

Technical Specifications	422 CBC	422 CBAC	422 SB	422 CBCS	422 CBACS	422 SBS	422 PED. CBC	422 PED. SB
Power supply:	230 Vac (+6% to 10%) 50 (60) Hz							
Absorbed power:	220 W							
Absorbed current:	1 A							
Motor rotation speed:	1400 rpm							
Rod extension speed:	1.3cm/s			1 cm/s		2cm/s		
Pump flow rate:	1l/min			0.75l/min		1.5l/min		
Traction and thrust force:	0 to 500 daN			0 to 650 daN		0 to 380 daN		
Operating ambient temperature:	-40°C to 55°C							
Thermal protection on motor winding:	120°C							
Weight:	7kg							
Type of oil:	FAAC HP Oil							
Protection class:	IP55							
Single leaf max length (m):	1.8m	1.8m	3m	1.8m	1.8m	3m	1.2m (min 0.80)	1.2m (min 0.80)
Use frequency (cycles/hour):	55	55	55	55	55	55	70	70

