

FAAC



Hydraulic underground swing gate automation

760 Range

The 760 hydraulic underground operator is suitable for swing gates weighing up to 800kgs with width of 3 metres per leaf.



Reliable. Affordable. Dependable.

FAAC

...Leading the way.



Excellence in Automation

760 Range

Discreet Style

Installed underground the 760 system is the ideal compliment to even the most intricate gate styles and offers an opening radius of as much as 140°. Simplifying the installation, the load bearing foundation box acts as the bottom hinge for the gate.

Maximum security and safety

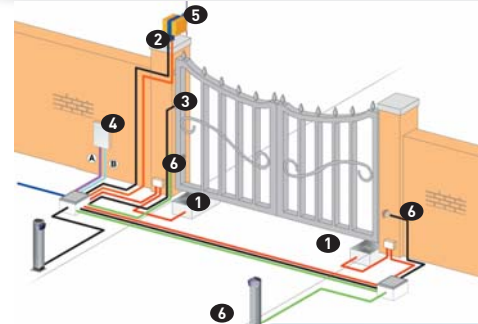
Our hydraulic lock system allows the gates to be held open or closed whilst anti-intrusion security is ensured by the addition of electric or magnetic locks. At the same time sensitive by-pass valves in the hydraulic system ensure the maximum anti-crushing safety - with a simple manual override.

High power and quiet efficiency

The 760 range is designed for gates up to 800 kg, with hydraulic systems that offer super quiet operation with the added benefits of low electricity consumption. Enhanced with total water and corrosion proofing the 760 system is reliable under all atmospheric conditions, and at extreme temperatures from -20°C to +55°C.

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

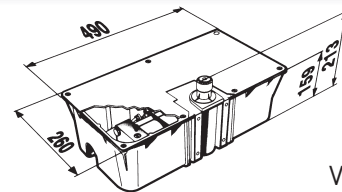


1. FAAC 760 hydraulic operator
2. FAAC LIGHT
3. Access control device
4. Control board
5. Radio Receiver
6. Photocells

Low voltage cabling		Power cabling (230V)	
A	4 cables 3x 0.5 2 cables 2x 0.5	B	2 cables 3x 1.5+E 1 cable 2x 1.5+E 1 cable 2x 1.5

NB: Cable diameters in mm²

Dimensions



Values in mm

760 Technical Specifications

	760 CBAC SR	760 SB SR	760 CBAC CR	760 SB CR
Power supply:	230 Vac (+6% to -10%) 50(60) Hz			
Electric motor:	single-phase, bi-directional			
Thermal protection on motor winding:	120°C			
Motor rotation speed:	1400 rpm			
Absorbed power:	220 W			
Absorbed current:	1 A			
Effective Torque:	0 to 543 Nm			
Speed of operation:	90° angle - 11.5s			
Operating ambient temperature:	-40°C to +55°C			
Weight with oil:	13 kg			
Type of oil :	FAAC HP Oil			
Rotation maximum angle:	162°		148°	
Protection class:	IP 67			
Deceleration angle:	-		10%	
Degree of deceleration:	-		Adjustable	

Model	USE			
	Single leaf max length (m)	single leaf max weight (kg)	No. of leaves	Use frequency (cycles/hour)
760 CBAC SR	2	800	1	55
760 SB SR*	3	800	1	55
760 CBAC CR	2	800	1	55
760 SB CR	3	800	1	55

* For 760 SR application on leaves from 2m up to 4m it's advisable to use end-cycle electronic deceleration (455D control board)

Technical Specifications of Casing

In pressure cast aluminium, NIPLYOY treated transmission shaft, two radial bearings and one thrust bearing

