



# J355HA-M30-P1 bollard certified for use in perimeter security areas

The AUTOMATIC bollard FAAC J355HA-M30-P1 is designed and tested for the protection of sensitive areas such as airports, embassies, consulates, banks, ports, etc.

The bollard FAAC J355HA-M30-P1 has been tested according to American Standard "ASTM F 2656-07 - Standard Test Method for Vehicle Crash Testing of Perimeter Barriers", obtaining certification for the highest class of penetration possible.

Classification M30-P1 indicates in fact that the bollard FAAC J355 is able to stop a 6,800 kg lorry travelling at 50Km/h (=30M/h) with just 1 metre of total penetration (P1).



J355HA





# J355HA-M30-P1 bollard certified for use in perimeter security areas

1. CERTIFIED according to Standard ASTM F 2656-07 M30
2. "Full optional" product; supplied equipped with the main accessories
3. Lock in raised position guaranteed even in the event of a power cut
4. Extreme care in the selection of materials
5. Also available in the EFO (Emergency Fast Operation) version for very fast rise



J355HA

## DIMENSIONS AND TECHNICAL SPECIFICATIONS

Drive	Hydraulic Actuator
Cylinder stroke	1,000 mm
Cylinder diameter	355 mm
Cylinder material	Steel S355JR EN10210 (16 mm thickness)
Cylinder surface treatment	Cataphoresis and polyester powder paint, dark grey metallised RAL 7021
Sleeve material (stainless steel special vers.)	Satin-finished AISI 316
Cylinder top part (head)	Aluminium RAL 9006
Rise time	About 6 sec/standard version - About 1.5 sec/EFO version
Descent time (standard)	About 2 sec
Hydraulic pump power supply	230 Vac +6% - 10%; 50/60 Hz
Power consumption	1,200 W
Maximum expressed force	5,000 N
Junction box protection rating	IP 66
Recommended Use	Use in security areas
Standard refracting strip	Height 55 mm
Impact resistance	150 Kjoules
Break-in resistance	656 KJoules (in compliance with Standards ASTM F2656-07 - M30)
Load class	C25 (25t)
Total weight	490 kg (bollard) + 250 kg (pit)
Operating temperature	-15 °C / +55 °C
Operating temperature with heater (optional)	-40 °C / +55 °C
Pit to be walled in	570x690x1665 mm
Connection cable	Standard 16+1 conductors, minimum section 1,5 mm (not supplied)
Maximum length	50 m



### STANDARD VERSIONS IN PAINTED STEEL

Models	Height	Finish	Item code
J355 HA M30-P1	1,000 mm	painted steel	116002
J355 HA M30-P1 EFO			116003

#### The product comes with:

- 16 mm thick steel cylinder with cataphoresis treatment and painted
- powder coated dark grey metallised RAL 7021
- flashing light ring with central LED
- hydraulic lock in raised position (in the event of a power cut)
- watertight galvanised steel pit with connection for recovery of fluids
- emergency circuit for fast rise (EFO version only)


### STANDARD VERSIONS IN AISI 316 STAINLESS STEEL

Models	Height	Finish	Item code
J355 HA M30-P1	1,000 mm	satin-finished AISI 316 stainless steel	116032
J355 HA M30-P1 EFO			116033

#### The product comes with:

- 16 mm thick steel cylinder with cataphoresis treatment and satin-finished stainless steel «sleeve»
- flashing light ring with central LED
- hydraulic lock in raised position (in the event of a power cut)
- watertight galvanised steel pit with connection for recovery of fluids
- emergency circuit for fast rise (EFO version only)

### ELECTRONIC EQUIPMENT

Item	Item code	
Bollard electronic board JE275 able to manage up to max 1 bollard J355 M30-P1	116300	

### INSTALLATION ACCESSORIES

Item	Item code	
Pit heater J355	116202	
Manual release key	116102	

