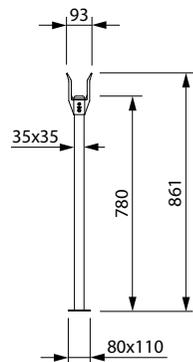
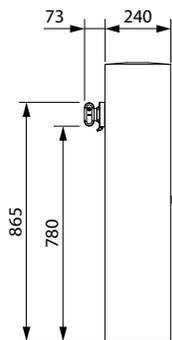


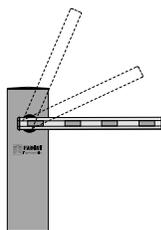
**VIEW WITH BARRIER BEAM ATTACHMENT**



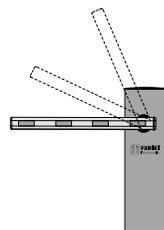
**FIXED LEG WITH FORKED END**



**SIDE VIEW**



**LEFT-HANDED barrier**



**RIGHT-HANDED barrier**

Oil-hydraulic road barrier, compact barrier with rounded edge beam profile; ideal for residential, light commercial applications and block of flats.

The beam, made of anodized aluminium, which is balanced by a return spring and operated by an electro-hydraulic assembly made up of the motor and pump. A fast, smooth and quiet unit, with built-in braking device in both directions of movement.

The housing, square in section (cataphoresis treated and powder coated), is extremely compact and fitted with a lockable door in the front. The key has a cut profile for security.

Fully protected inside is the mechanism which controls the up/down operations through the following parts: piston actuator, spring, electronics and beam adjustment for correct alignment.

In case of power failure or emergency events, it can be released for hand operations. The special releasing key is factory-fitted to the valve assembly and is easy to reach after opening the door. The return spring is fitted to the main shaft to balance the weight of the beam and ensures a consistent smoothness of operation.

On approaching the end of the up and down strokes, the beam is allowed to "brake", that is to slow down speed by means of two supplementary valves in the piston head, which can easily be adjusted to meet the site applications.

It is recommended that the beam is allowed to rest on a support when in its fully down position. To this purpose two options are available, either the folding pedestal fitted to the beam, or the separate pedestal fixed to the ground.

Inside the housing there is an adjustment to perfectly align the beam after the installation has been completed.

The electronic programmer is factory-fitted to a support arm inside the housing in the most convenient position for the installer to easily connect the electric wires; all the required accessories it is designed for, such as the photocells, keyswitch, flashing lamp, remote control, induction loop detector and the coaxial cable, can be terminated to its board by leading the respective cables and wires through the hollow support arm.

The speed of the barrier is set by the manufacturers to meet the specifications provided at the time of the order, and it is not possible to change the speed once the barrier has been installed. Also, being the barrier designed as handed, the option right handed or left handed must be specified on ordering; no change can be made on site.

**TECHNICAL SPECIFICATIONS**

<b>HYDRAULIC UNIT</b>	
Pump flow rate - P10	2,75 l/min
Average working pressure	20 atm
Max. pump pressure	40 atm
Working temperature	-20 °C +80 °C
Oil type	Oil Fadini - Item 708L
Reservoir capacity	1,2 liters

<b>ELECTRONIC PROGRAMMER</b>	
Three relays. One for safety	24 V - 16 A
Transformer	8 VA
Capacitor	12,5 µF

<b>ELECTRIC MOTOR</b>	
Power output	0,24 kW (0,33 HP)
Supply voltage	230 Vac
Frequency	50 Hz
Absorbed current	1,8 A
Absorbed power	330 W
Capacitor	12,5 µF
Motor rotation speed	1.350 rpm
Intermittent service	S3
Insulation class	F

<b>PERFORMANCE</b>	
Frequency of use	intensive
Service cycle	opening ~ 5 s dwell 30 s closing ~ 5 s dwell 30 s
Complete cycle time	~ 70 s
Complete cycles	opening-dwell-closing-dwell No. 51/hour
Annual cycles (with 8 hours of use per day)	No. 149.000

<b>ROAD BARRIER</b>	
Shaft rotation	max 95°
Weight without beam	58 kg
Rated torque	185,2 Nm
Length of aluminium beam R526	4 m
Colour of the housing	RAL 1018 zinc yellow
Protection standards	IP 67

