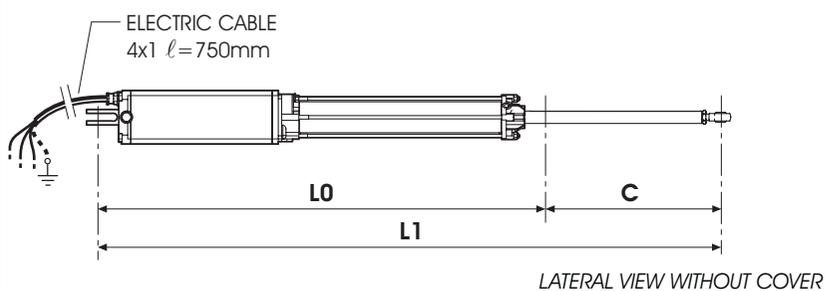
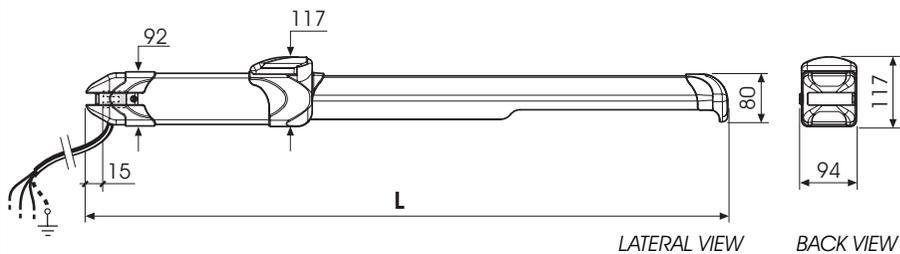
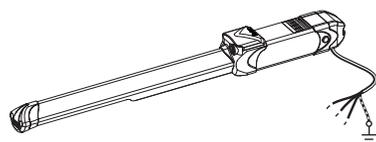
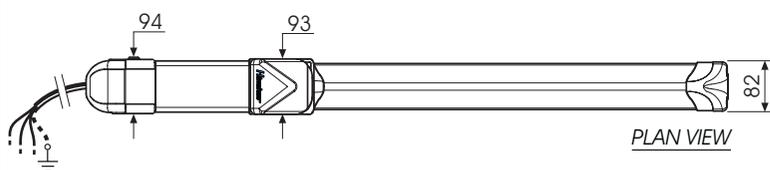


## OVERALL DIMENSIONS



C	L	L0	L1
150mm	830	610	760
280mm	1'094	740	1'020



CE



**FADINI**  
the gate opener  
Made in Italy



Drwg. No. **1702**

## TECHNICAL DATA TABLE

"HINDI 880" is an electro-hydraulic gate operator incorporating all-in-one the electric motor, the pump and the oil distributing valve assembly allowing the shaft to move in and out. Fully weather-proof for external applications, it can be easily fixed to the gate and gate post by means of two brackets and bolts

Right in the middle of the actuator it is fitted the valve block, suitably protected inside a security enclosure. It includes the pressure control valves (open and close valves, by-pass valve for manual release and oil bleed).

The actuator is fitted with a double locking device, incorporated in the valve block, by means of which the piston and therefore the gate/s can be firmly locked in the open or closed gate positions. The locking device becomes operative when the electric motor is stopped. In case of power failure, it is possible to operate the gates by hand by first releasing the hydraulic circuit through the by-pass valve located in the valve assemble, under the cover.

The piston shaft, made of chromium-plated steel, is extremely resistant to any weather conditions, and has an adjustable ball bearing joint for front fixing to prevent friction and wear over the time. The back casting closes the oil reservoir section and is fitted with a fork for rear gate fixing. This ensures a very good mechanical performance being designed to bear all the oscillations generated during the movements. "HINDI 880" is available in different options to meet the most various application requirements: the range includes 150, 280 and 400 mm stroke options. Non locking, locking in closed gate position and double locking versions are available on request. And last the dampening device to slow down speed on the end of the closing cycle, or on both opening and closing cycles.

"HINDI 880" can be connected to an extremely reliable electronic control board type Elpro to carry out the required commands that can be given from a distance through a custom encoded radio transmitter, key switch or digital keypad; anti-crash operations are ensured by safety devices such as photo cells.

## TECHNICAL SPECIFICATIONS

### OIL-HYDRAULIC OPERATOR AND HYDRAULIC PUMP

Opening/closing time (stroke 150mm) .....	12sec.
Opening/closing time (stroke 280mm) .....	24sec.
P5 - Hydraulic pump capacity .....	1.4 l/min.
Piston diameter .....	45mm
Shaft diameter .....	20mm
Thrust power (10 bar) .....	1'000N
Thrust power (30 bar) .....	3'000N
Average working pressure .....	1 MPa (10 bar)
Maximum supplied pump pressure .....	3 MPa (30 bar)
Hydraulic oil type .....	Oil Fadini
Working temperature .....	-25°C +80°C
Weight complete with accessories (stroke 150mm) .....	9.5Kg
Weight complete with accessories (stroke 280mm) .....	11Kg
Maximum gate weight .....	180Kg
Overall dimensions stroke 150mm (length x width. x height.) .....	830x94x117mm
Overall dimensions stroke 280mm (length x width. x height.) .....	1'094x94x117mm
Protection standards .....	IP 553

### ELECTRIC MOTOR

Power output .....	0.18KW (0.25HP)
Supply voltage .....	230V
Frequency .....	50Hz
Absorbed current .....	1.2A
Absorbed power .....	250W
Motor rotation speed .....	1'350 r.p.m.
Capacitor .....	12.5µF
Intermittent service .....	S3

## PERFORMANCE

<b>stroke 150mm</b>	
Service cycle: 12s opening - 30s dwell - 12s closing - 40s dwell	
Complete cycle time .....	94 s
Complete Opening - Dwell - Closing - Dwell cycles .....	No.39/hour
Annual cycles (with 8 hours of use per day) .....	No.112'000

## stroke 280mm

Service cycle: 24s opening - 30s dwell - 24s closing - 40s dwell	
Complete cycle time .....	118 s
Complete Opening - Dwell - Closing - Dwell cycles .....	No.30/hour
Annual cycles (with 8 hours of use per day) .....	No.86'000

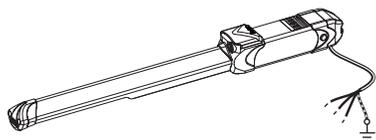
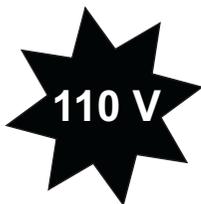
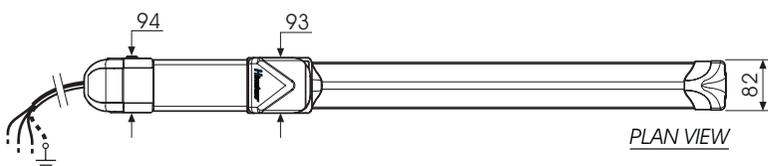
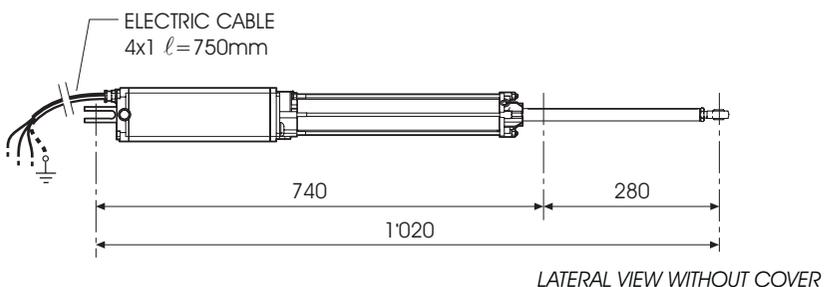
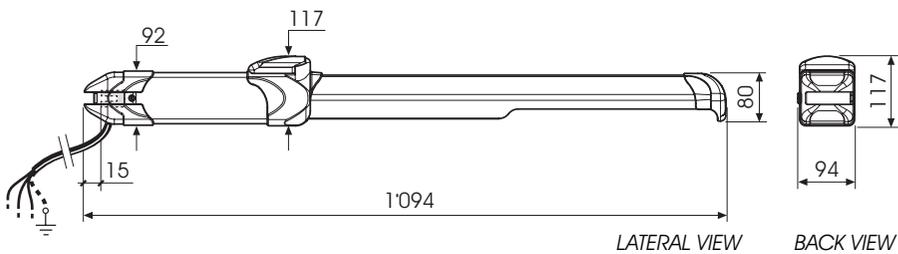
**EXTERNAL OIL-HYDRAULIC  
SWINGING GATE OPERATOR**

**HINDI 880**  
•stroke 150mm  
•stroke 280mm



## OVERALL DIMENSIONS

**110 V - 60 Hz**



"HINDI 880" - **110 V** - is an electro-hydraulic gate operator incorporating all-in-one the electric motor, the pump and the oil distributing valve assembly allowing the shaft to move in and out. Fully weather-proof for external applications, it can be easily fixed to the gate and gate post by means of two brackets and bolts

Right in the middle of the actuator it is fitted the valve block, suitably protected inside a security enclosure. It includes the pressure control valves (open and close valves, by-pass valve for manual release and oil bleed). The actuator is fitted with a double locking device, incorporated in the valve block, by means of which the piston and therefore the gate/s can be firmly locked in the open or closed gate positions. The locking device becomes operative when the electric motor is stopped. In case of power failure, it is possible to operate the gates by hand by first releasing the hydraulic circuit through the by-pass valve located in the valve assembly, under the cover.

The piston shaft, made of chromium-plated steel, is extremely resistant to any weather conditions, and has an adjustable ball bearing joint for front fixing to prevent friction and wear over the time. The back casting closes the oil reservoir section and is fitted with a fork for rear gate fixing. This ensures a very good mechanical performance being designed to bear all the oscillations generated during the movements. "HINDI 880" is available in different options to meet the most various application requirements: the range includes 150, 280 and 400 mm stroke options. Non locking, locking in closed gate position and double locking versions are available on request. And last the dampening device to slow down speed on the end of the closing cycle, or on both opening and closing cycles.

"HINDI 880" can be connected to an extremely reliable electronic control board type Elpro to carry out the required commands that can be given from a distance through a custom encoded radio transmitter, key switch or digital keypad; anti-crash operations are ensured by safety devices such as photo cells.

### TECHNICAL SPECIFICATIONS

#### OIL-HYDRAULIC OPERATOR AND HYDRAULIC PUMP

Opening/closing time .....	19sec.
P5 - Hydraulic pump capacity .....	1.4 l/min.
Piston stroke .....	280mm
Piston diameter .....	45mm
Shaft diameter .....	20mm
Thrust power (10 bar) .....	1'000N
Thrust power (30 bar) .....	3'000N
Average working pressure .....	1 MPa (10 bar)
Maximum supplied pump pressure .....	3 MPa (30 bar)
Hydraulic oil type .....	Oil Fadini
Working temperature .....	-25°C +80°C
Weight complete with accessories .....	11Kg
Maximum gate weight .....	180Kg
Overall dimensions (length x width. x height.) .....	1'094x94x117mm
Protection standards .....	IP 553

#### ELECTRIC MOTOR

Power output .....	0.18KW (0.25HP)
Supply voltage .....	<b>110V</b>
Frequency .....	60Hz
Absorbed current .....	2.4A
Absorbed power .....	250W
Motor rotation speed .....	1'620 r.p.m.
Capacitor .....	40µF
Intermittent service .....	S3

#### PERFORMANCE

Service cycle: - - - 19s opening - 30s dwell - 19s closing - 40s dwell	
Complete cycle time .....	108 s
Complete Opening - Dwell - Closing - Dwell cycles .....	No.33/hour
Annual cycles (with 8 hours of use per day) .....	No.95'000

**Electric motor**

**110 V - 60 Hz**

CE



**FADINI**  
the gate opener  
Made in Italy



Drwg. No. **6232**

**TECHNICAL DATA TABLE**

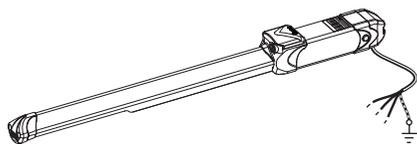
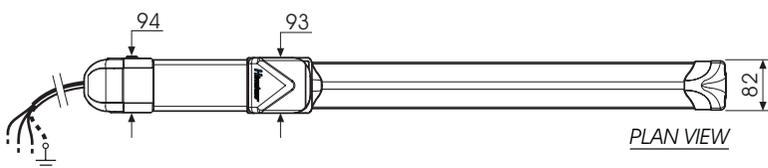
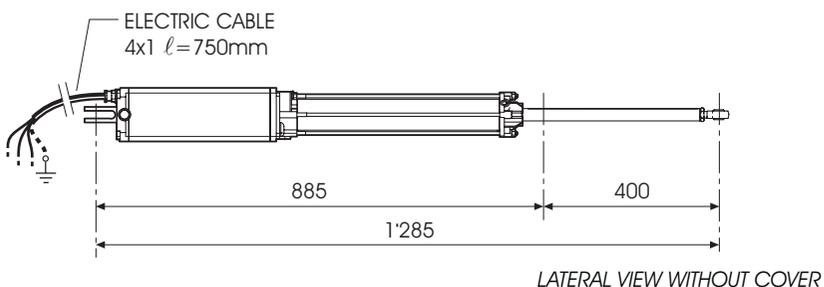
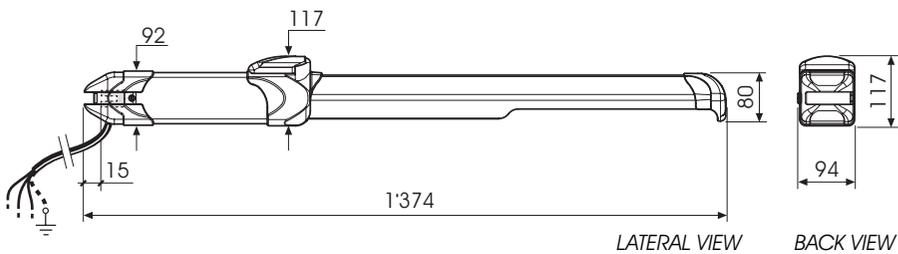
**EXTERNAL OIL-HYDRAULIC  
SWINGING GATE OPERATOR**

**HINDI 880**

**110 V**



## OVERALL DIMENSIONS



"HINDI 880" - **400 mm** - is an electro-hydraulic gate operator incorporating all-in-one the electric motor, the pump and the oil distributing valve assembly allowing the shaft to move in and out. Fully weather-proof for external applications, it can be easily fixed to the gate and gate post by means of two brackets and bolts

Right in the middle of the actuator it is fitted the valve block, suitably protected inside a security enclosure. It includes the pressure control valves (open and close valves, by-pass valve for manual release and oil bleed).

The actuator is fitted with a double locking device, incorporated in the valve block, by means of which the piston and therefore the gate/s can be firmly locked in the open or closed gate positions. The locking device becomes operative when the electric motor is stopped. In case of power failure, it is possible to operate the gates by hand by first releasing the hydraulic circuit through the by-pass valve located in the valve assemble, under the cover.

The piston shaft, made of chromium-plated steel, is extremely resistant to any weather conditions, and has an adjustable ball bearing joint for front fixing to prevent friction and wear over the time. The back casting closes the oil reservoir section and is fitted with a fork for rear gate fixing. This ensures a very good mechanical performance being designed to bear all the oscillations generated during the movements. Non locking, locking in closed gate position and double locking versions are available on request. And last the dampening device to slow down speed on the end of the closing cycle, or on both opening and closing cycles.

"HINDI 880" can be connected to an extremely reliable electronic control board type Elpro to carry out the required commands that can be given from a distance through a custom encoded radio transmitter, key switch or digital keypad; anti-crash operations are ensured by safety devices such as photo cells.

### TECHNICAL SPECIFICATIONS

#### OIL-HYDRAULIC OPERATOR AND HYDRAULIC PUMP

Opening/closing time .....	32sec.
P5 - Hydraulic pump capacity .....	1.4 l/min.
Piston stroke .....	400mm
Piston diameter .....	45mm
Shaft diameter .....	20mm
Thrust power (10 bar) .....	1'000N
Thrust power (30 bar) .....	3'000N
Average working pressure .....	1 MPa (10 bar)
Maximum supplied pump pressure .....	3 MPa (30 bar)
Hydraulic oil type .....	Oil Fadini
Working temperature .....	-25°C +80°C
Weight complete with accessories .....	14Kg
Maximum gate weight .....	400Kg
Overall dimensions (length x width. x height.) .....	1'374x94x117mm
Protection standards .....	IP 553

#### ELECTRIC MOTOR

Power output .....	0.18KW (0.25HP)
Supply voltage .....	230V
Frequency .....	50Hz
Absorbed current .....	1.2A
Absorbed power .....	250W
Motor rotation speed .....	1'350 r.p.m.
Capacitor .....	12.5µF
Intermittent service .....	S3

### PERFORMANCE

Service cycle: 32s opening - 40s dwell - 32s closing - 50s dwell	
Complete cycle time .....	154 s
Complete Opening - Dwell - Closing - Dwell cycles .....	No.23/hour
Annual cycles (with 8 hours of use per day) .....	No.66'000

CE



**FADINI**  
the gate opener  
Made in Italy



Drwg. No. **4129**

**TECHNICAL DATA TABLE**

**EXTERNAL OIL-HYDRAULIC  
SWINGING GATE OPERATOR**

**HINDI 880**

stroke **400mm**

