

**FADINI**<sup>®</sup>  
the gate opener

*Hindi* **EVO**<sup>®</sup>  
**880**





**FADINI**  
the gate opener



**HINDI**

Oil-hydraulic operator for swing gates, residential as well as heavy-duty and industrial applications.

Entirely designed and constructed in the workshops of Meccanica Fadini s.n.c., it is the result of 40 years' experience in oil-hydraulics sector applied to doors and gates.

- **Reliable**

Oil-hydraulic technology and high quality of all its inner components for secure and quiet operations.

A single model for any gate type: the EVO valve assembly, of new generation, allows for the setting of the hydraulic locking device directly on the operator during the installation phase:

**N** non locking, always reversible

**A** hydraulic locking device on open

**B** hydraulic locking device on close

**BB** bidirectional locking device.

Braking mode setting on the operator to meet gate type: only in opening, only in closing, both opening and closing, or non braking.

- **Quality**

The component parts are unaffected by weather conditions.

It is designed for quick and simple on-the-gate application: gate fixing by adjustable ball bearing eye. The shaft is chromium plated steel. The electric motor is resistant to high temperature and is coupled to the pump by a special joint and supported by two bearings.

The oil-hydraulic lobe pump is very quiet and made of special steel. Severe and accurate tests ensure it has an extremely long life.

- **Safe**

Thrust power can be adjusted by pressure valves.

- **Easy**

Quick release device by customized coded key.

- **Tested and certified**

CE marking and type testing according to ITT PDC No. 2392-2008.





Manual emergency release



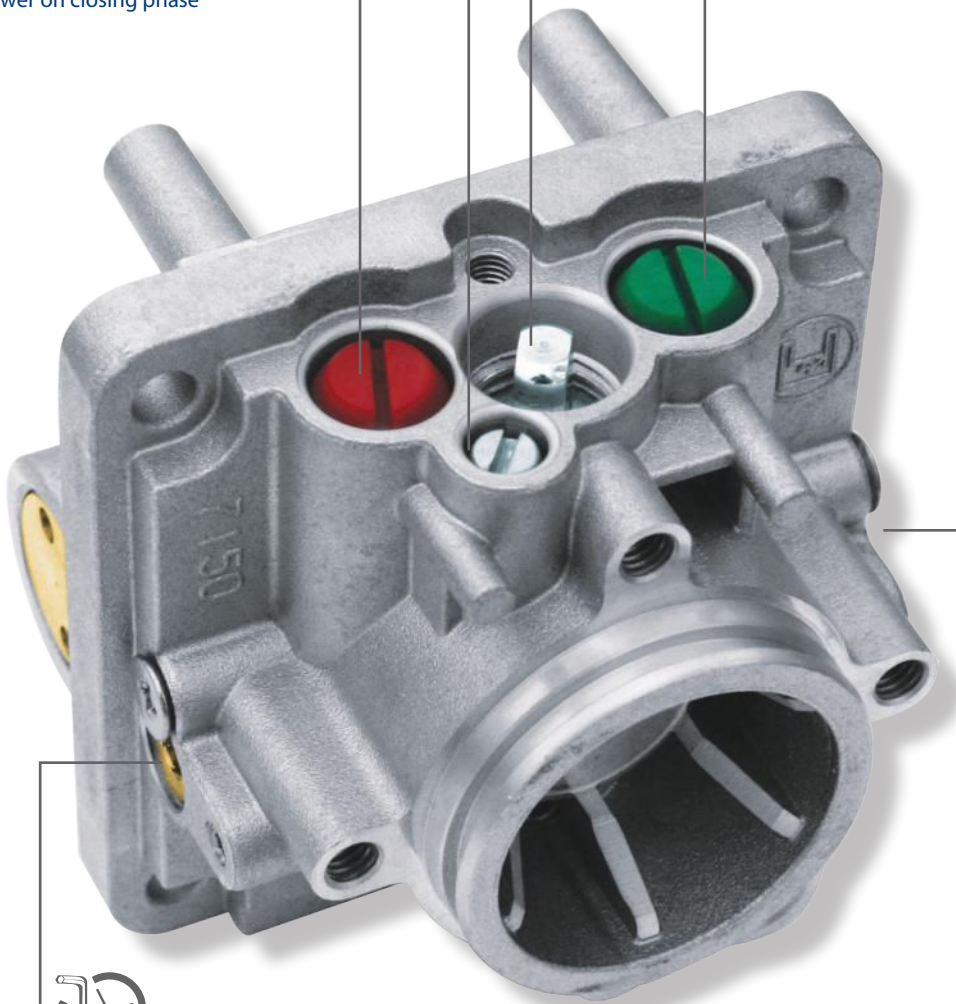
Braking on opening



Thrust power on opening phase



Thrust power on closing phase



Locking in closed gate



Locking in open gate

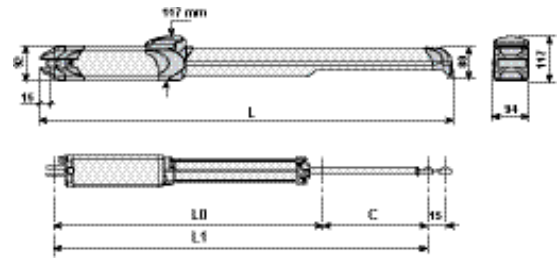


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## technical data

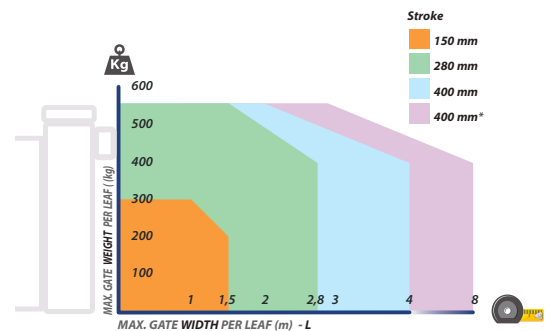
Shaft travel	150 mm	280 mm	400 mm
Supply Voltage	230 Vac- 50 Hz		
Absorbed Power	250 W		
Absorbed Current	1,2 A		
Pump Flow Rate	1,4 l/min [P5]	1,4 l/min [P5] 0,85 l/min [P3]	
Shaft Diameter	20 mm		
Opening Linear Speed	~ 15 mm/s	~ 17 mm/s [P5] ~ 11 mm/s [P3]	
Closing Linear Speed	~ 14 mm/s	~ 14 mm/s [P5] ~ 9 mm/s [P3]	
Opening time	~ 10 s [P5] ~ 17 s [P5] ~ 26 s [P3]	~ 26 mm/s [P5] ~ 37 mm/s [P3]	
Opening Thrust Power	0 ÷ 4.000 N	0 ÷ 4.200 N [P5] 0 ÷ 4.700 N [P3]	
Closing Thrust Power	0 ÷ 5.600 N	0 ÷ 5.400 N [P5] 0 ÷ 6.300 N [P3]	0 ÷ 5.200 N [P5] 0 ÷ 6.300 N [P3]
Working Temperature	-25 °C +80 °C (*)		
Oil Type	Oil FADINI - code 708L		
Protection Standards	IP 67		
Frequency of Use	very intensive		
Weight	9,5 kg	11 kg	14 kg

## OVERALL DIMENSIONS



C mm (real stroke)	L	L0	L1
145	830	605	750
275	1.094	732	1.007
395	1.374	885	1.280

(course effective)



Special version

The gate structure, design (solid, in-filled), height and strong wind pressure may affect and decrease the indicated values. Make always sure the gate structure is adequate to automation.



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