



GB

MEC 200LB a chain drive motor reducer, has been designed to run gates made of sections, which are hinged together. The first section pulls all the others open and folds them at one end of the gate, so that they take up very little room. A track bears the weight of the gate, and has been designed in such a way that the gate can be driven either to the left-hand end of the track, as required, where a device folds the sections one against the other. Sliding speed is constant and generated by a worm-and-gear motor reducer fitted with builtin torque limit control. A mechanical joint, that can be released by a lever, allows manual functioning in case of power failure. The motor reducer is operated by an electronic control box and a weather-proof push-button panel to be imbedded outside which is fitted with a custom-made, burglar-proof key. MEC 200 LB can be operated by a remote control radio set and is supplied with accident-prevention devices such as photocells and pressure switch, in conformity with EN 12445 and EN 12453 regulations.

TECHNICAL SPECIFICATIONS

Electric Motors	<i>Single-phase</i>	<i>Three-phase</i>	<i>Single-phase</i>	<i>Three-phase</i>	<i>Three-phase</i>
Power Output	0.37KW(0.5Hp)	0.37KW(0.5Hp)	0.73KW(1.0Hp)	0.73 KW(1.0Hp)	1.1KW(1.5Hp)
Supply Voltage	230 V	230/400 V	230 V	230/400 V	230/400 V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Absorbed Power	510 W	575 W	1'130 W	1'030 W	1'500 W
Absorbed Current	2.4 A	2.1/1.2 A	5.7 A	3.7/2.2 A	5.1/3 A
Motor Rotation Speed	1'380 r.p.m.	1'380 r.p.m.	1'380 r.p.m.	1'380 r.p.m.	1'380 r.p.m.
Capacitor	20 µF		30 µF		
Intermittent Service	S3	S3	S3	S3	S3

Reducer

Rated Torque	40 Nm	40 Nm	80 Nm	80 Nm	110 Nm
Worm-gear Ratio	1/32				
Travel Time	9.6 m/min. - Z20				
Working Temperature	-20°C +80°C				
Type of Hydraulic Oil	AGIP ROTRA THT - W80 - 0.22 Kg				
Static Weight	19 Kg	18 Kg	23 Kg	21 Kg	25 Kg
Max. gate weight	400 Kg	450 Kg	800 Kg	850 Kg	1'200 Kg
Protection Standards	IP 557	IP 557	IP 557	IP 557	IP 557

Service

Duty cycle	25 s Open - 30 s Dwell - 25 s Close
Time of one complete cycle	80 s
No. of cycles per hour	45
No. of cycles a year	131'000 (8 hours' service a day)



EUROPEAN MARK CERTIFYNG CONFORMITY
TO THE ESSENTIAL REQUIREMENTS OF THE
STANDARDS 98/37/EC



FADINI
the gate opener
Made in Italy

Drwg. No. 1109

TECHNICAL SPECIFICATION TABLE

AUTOMATIC SYSTEM FOR FOLDING GATES

