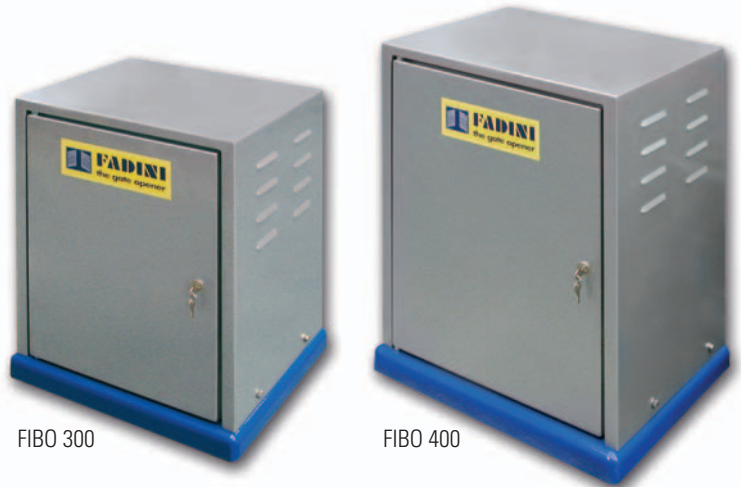


FIBO 300 - FIBO 400

Electro-mechanical sliding gate operator for heavy gates weighing up to 4000 kg



FIBO 300

FIBO 400

The FIBO 300 (2.2 KW – 1.5 HP three-phase) and FIBO 400 (2.2 KW – 3 HP three-phase) are strong and robust electro-mechanical sliding gate operators for large industrial gates and entrances weighing up to 4000 kg. The FIBO 300 / FIBO 400 operator is enclosed inside a protective steel case, equipped to house an electric power panel and electronic programmer.

- Protective steel case structure
- Movement shaft mounted on ball bearings
- Bronze-steel coupling in oil bath
- Torque clutch on bronze discs
- Two limit switches in the two directions of movement
- Protected manual release





Internal view of FIBO 300 and FIBO 400 with electric power panel installed



FIBO 300



FIBO 400



FIBO 300



FIBO 400

Rear view of driving gear mechanism and limit switches



Limit switch striking plates for FIBO 300 and FIBO 400



Release key



View of installation plan

Technical specifications

ELECTRIC MOTOR	FIBO 300	FIBO 400
Power output	1.1 KW (1.5 HP)	2.2 KW (3.0 HP)
Three-phase supply voltage	230/400 V	230/400 V
Frequency	50 Hz	50 Hz
Absorbed current.....	5.1/3 A	9.4/5.4 A
Absorbed power	1'500 W	2'800 W
Motor rotation speed.....	1'400 r.p.m.	1'400 r.p.m.
Intermittent service	S1	S3
Cooling	fan	fan

OPERATOR

Output revs.....	40.7 r.p.m.	33.8 r.p.m.
Drive gear	Z 24	Z 24
Module	4.0	4.0
Gear ratio	1/32	1/42
Rated torque	128 Nm	311.4 Nm
Travelling speed.....	12 m/min	10.2 m/min
Oil type	AGIP ROTRA THT	AGIP ROTRA THT
Working temperature.....	-20°C +80°C	-20°C +80°C

FIBO 300 AND 400 PERFORMANCE

Intensive service cycle: 25 s Opening - 30 s Dwell - 25 s Closing	
Time for one complete cycle:.....	80 s.
Complete Opening - Dwell - Closing cycles	45/hour
Annual cycles (with 8 hours of use per day)	131'000

Dimensions

