FIBO series

Electromechanical gear motor
for industrial applications

For sliding gates up to 2500 kg (FIBO 300) **and 4000 kg** (FIBO 400)

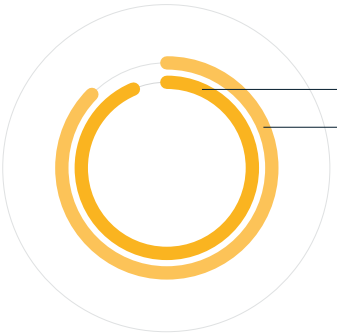


Reliable

Coupling of worm and bronze crown gear in oil bath, on ball bearings. Made safe by the mechanical clutch.

Functional

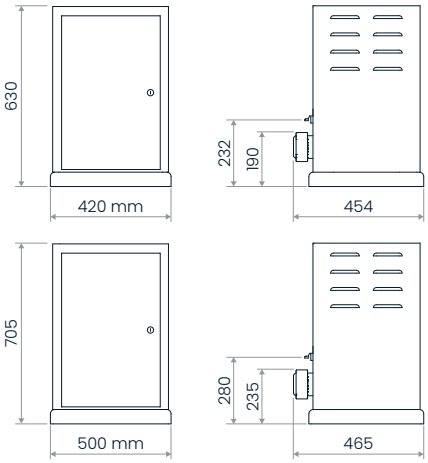
The electronic control panel ELPRO 37 HP with power contactors is inside a polycarbonate box.



Model	Operating limits *[A]*	Version
FIBO 400	Max. 4000 kg	230/400 Vac
FIBO 300	Max. 2500 kg	230/400 Vac

TECHNICAL DATA	FIBO 300	FIBO 400
Power supply (Vac - Hz)	230/400 - 50/60	230/400 - 50/60
Max. absorbed power (W)	1500	2800
Max. absorbed current (A)	5,1/3	9,4/5,4
Speed [50 Hz | 60 Hz] (rpm - m/min)	1400 - 10,5 | 1700 - 12,8	1400 - 10,5 | 1700 - 12,8
Force [50 Hz | 60 Hz] (N)	6200 | 5100	12.500 | 10.000
Duty cycle (cycles/hour)	33	20
Grade of protection IP	55 *[B]*	55 *[B]*
Working temperature (°C)	-25 ÷ +80	-25 ÷ +80
Dimensions (mm)	420x454x630 h	500x465x705 h
Weight (kg)	62	89

DIMENSIONS



[A] The gate structure, size and possible strong winds may affect the values as indicated. Always make sure the gate is adequate to be automatically operated and remove any possible friction points.
[B] Inside the housing cover or casing.