



LIBRA Half Tank

Listed to
ANSI/UL 325

**ELECTRO-HYDRAULIC OPERATOR FOR SWING GATES, FOR RESIDENTIAL,
CONDOMINIUM AND LIGHT COMMERCIAL USE**

Max leaf length 13 feet

Strong & Silent

The Libra Half Tank has been planned in accordance with standards of silence, reliability and anticrush safety granted by setting valve for the max thrust regulation of the system. New positive stops are available for a perfect alignment of the leaves in closing.

Gates can be securely locked using the operators internal hydraulic locking system. For gates leaf longer than 12 feet, non hydraulic locking operators should be used in conjunction with a separate electric locking device.

Manual Release: In case of a power failure: The operator's internal hydraulic locking feature can be released using a special key.



OPERATOR SPECIFICATION	
Supply voltage	115 Vac ± 5%
Motor current	2 A
Pump capacity	0,52 Gal
Max work pressure - pump 1 lt	40 bar
Operating temperature	-43°F +131°F
Thermal protection intervention	266° F
Max leaf length	13 Feet
Max opening angle	115°
Cycle	45
Weight	18,7 Pound
Protection class	IP 55

Positive Stop



Libra 100

DESCRIPTION	COD	LOCK TYPE	PUMP Gal.	STROKE In
LIBRA HALF TANK 100 STANDARD (with brake in closing)	104AC4S0	AC (opening and closing)	0,39	10,62
LIBRA HALF TANK 100 STANDARD (with brake in closing)	104SB4S0	SB (without lock)	0,39	10,62
KIT HALF TANK 100 STANDARD (with brake in closing)	104AC4S0K	AC (opening and closing)	0,39	10,62

DESCRIPTION	COD
CONTROL BOARD MPU/O4	2302A110
SECURITY BOX FOR HALF TANK	12710010

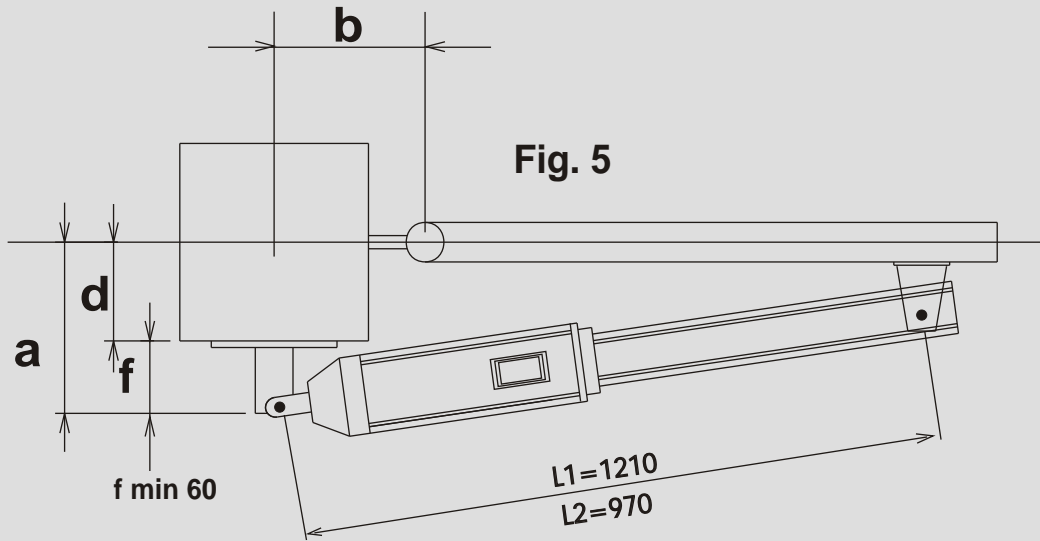


**ELECTRONIC CONTROL UNIT
FOR HALF TANK Cod. 2302A110**

LIBRA HALF TANK PEDESTRIAN



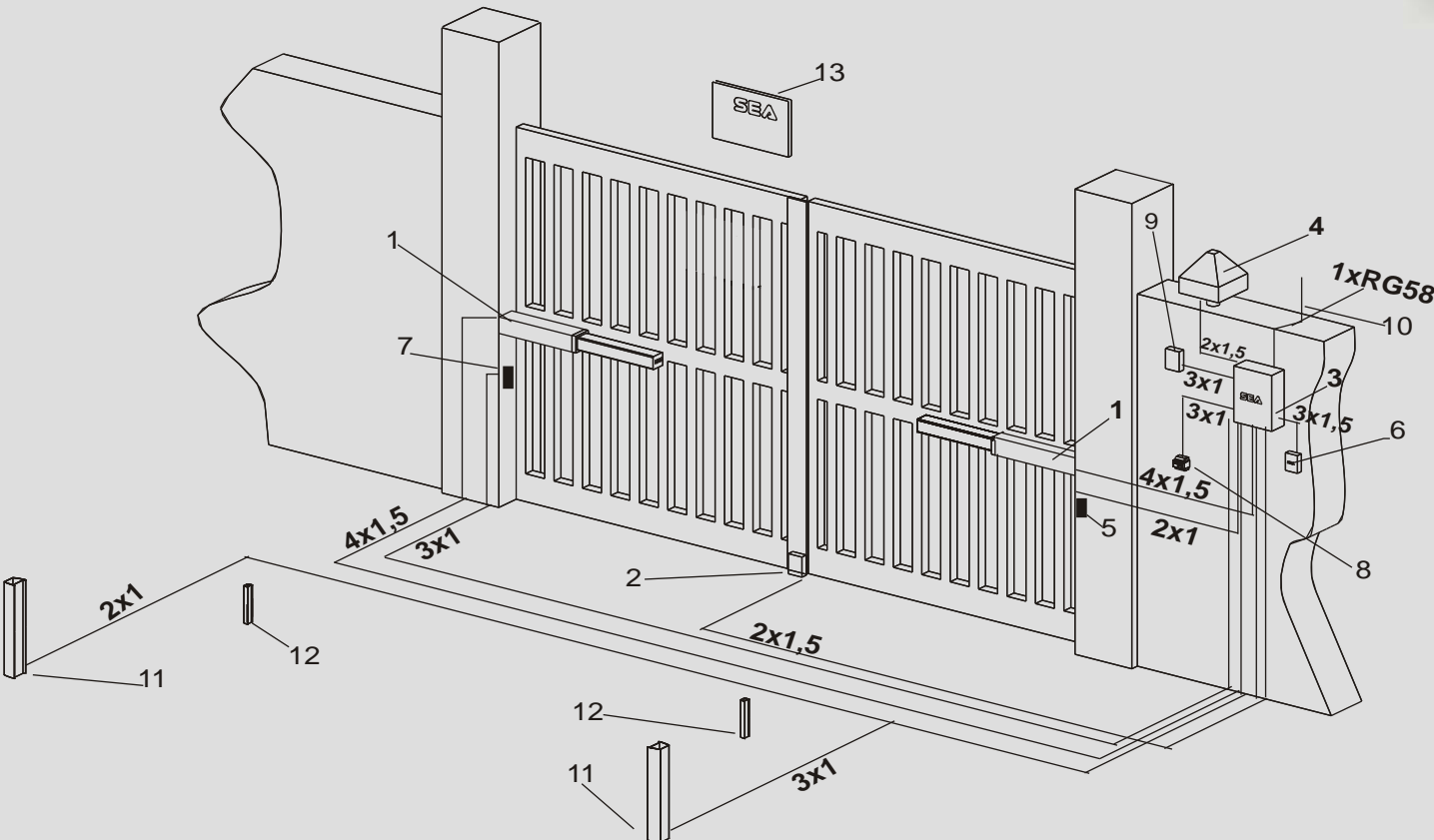
Typical Installation



STROKE 270mm

LIBRA 100

Leaf length In.	a In.	b In.	d max In.	Stroke for 90° In.	Opening \angle max angle	Pump C. Gal/min
39,37 70,86	3,93	3,54	1,96	7,48	110°	0,52
70,86 98,42	4,33	3,93	2,36	8,26	115°	0,52
98,42 118,11	4,72	4,33	2,75	9,05	115°	0,52
118,11 137,79	5,11	4,72	3,14	9,84	100°	0,52
137,79 157,48	5,51	5,11	3,54	10,62	90°	0,52



- 1-Electro-hydraulic operator
- 2-Electric locking
- 3-Electronic control unit
- 4-Warning light
- 5-Photocell Rx
- 6-Differential switch 16A 0,03A
- 7-Photocell Tx
- 8-Keyswitch
- 9-Radio receiver
- 10-Antenna
- 11-Photocell support
- 12-Open and close stop
- 13-Warning plate