

BFT Sub (underground motor)

MANUAL OPERATION



WARNING: BEFORE CARRYING OUT THE RELEASE AND SHUT-DOWN OPERATIONS, MAKE SURE THAT YOU HAVE CUT POWER TO THE OPERATOR.

13) MANUAL OPENING

In case of emergency, for instance when there is no power available, the gate must be opened by hand.

13.1) Versions without hydraulic locks (electric lock)

As these models are irreversible, in order to move the gate by hand you only need to open the electric lock by means of the appropriate key, and push the leaves with a force strong enough to win that adjusted with the by-pass valves (approximately 15 kg/150N). In order to make the manoeuvre easier, it may also be helpful to activate the hydraulic lock in the way described below.

13.2) Versions with hydraulic locks (Fig.17)

- Unscrew cap "T" which is found on the cover of each actuator (usually on the inside).
- Insert the release key supplied in triangular release pivot PST and rotate it anticlockwise by a few turns (CS in fig.18).
- Push the leaf by hand at a speed similar to that of motorised operation.
- To restore motorised operation, turn the key clockwise until it is completely tightened, screw the release cap onto the cover and put the key in a place which is known to all users.

Fig. 18

