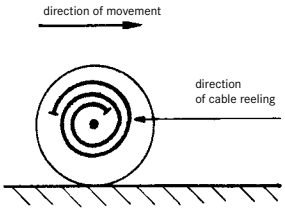
Lift Control Cables Type ÖLFLEX® LIFT, ÖLFLEX® LIFT T, ÖLFLEX® LIFT S

A General Notes

1. Cables installation should be done twist-free and at temperatures not below +5 °C. Power ampacity: see VDE 0298-4 / Lapp Table T12-1 column C.
2. The inner bending radius of the cable must not be less than 40 times cable diameter.
3. Maximum suspension height depends on the carrying core (see specifications). The maximum load must not be exceeded by more then 10 per cent.
4. The transporting drum should be driven to the application place. If possible, avoid rolling the drum. Otherwise the drum must be rolled on the floor only in the direction given in Figure 1.

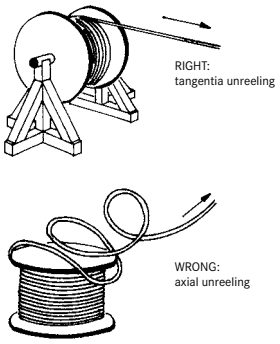
Fig. 1



B Suspending the Cables

1. When suspending the cables in the shaft, unreel them tangentially. Unreeling axially leads to cable torsion and interferences with the core twisting. This results in disturbances during operation (see Figure 2).
2. In order to guarantee torsion-free suspension, the cable must be loosely suspended in the shaft before final installation. This can be done best by installing the cable from the shaft bottom.
3. The free space between lift cabin and shaft bottom must be sufficiently large. It has to be used for the cable loop (see Figure 3).

Fig. 2



C Installing the Cables

1. It is indispensable to use large clamps for cable installation (for example Lapp wedged clamps type EKK or DKK). With suspension heights of 50 m and more the carrying core has to be damped separately.
2. The cable must be mounted to the shaft wall at least 2 m above half the driving length.
3. In case of unsteady movement, i.e. leaving the drop line during operation, the control cable must be twisted slightly at one of the mounting points until proper cable movement has been achieved.
4. If several control cables have to be installed in the lift device, it is recommended for technical reasons to install the cables in a way that the loops have height distances about 15 m (stepwise suspension).

Fig. 3