

Questionnaire Motor Driven Cable Reels

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Name of company:.....
Industrial sector:.....
Address:
.....
Contact person:.....
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1. General Information

Number of required cable reels _____
Travel- resp. hoisting speed _____ m/min
Ambient temperature _____ °C

2. Cable

Cross section of cores _____ mm²
Voltage..... _____ V
Number of cores PE + _____
Outer diameter..... _____ mm
Weight..... _____ kg/m

3. Mode of Winding

spiral
cylindrical

4. Reel Drive

Voltage..... _____ V
Frequency..... _____ Hz
Duty cycle _____ %ED

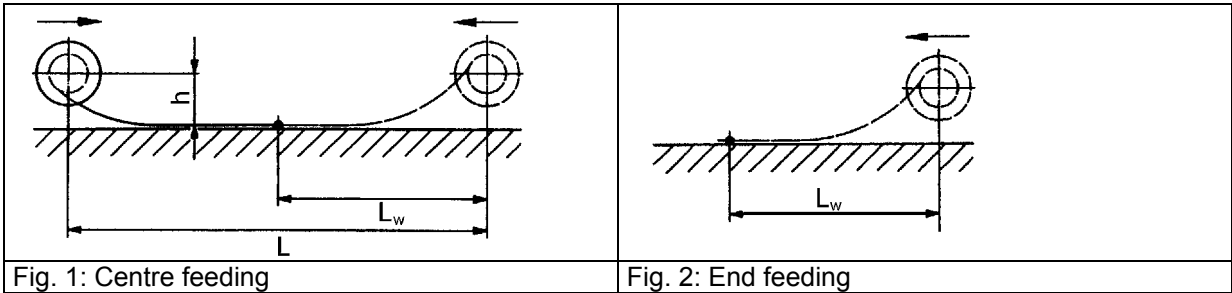
5. Slipping Assembly

Quantity of slippings _____ poles + GND
Max. current load of slippings _____ A
Heating yes _____ no

6. Reel arrangement

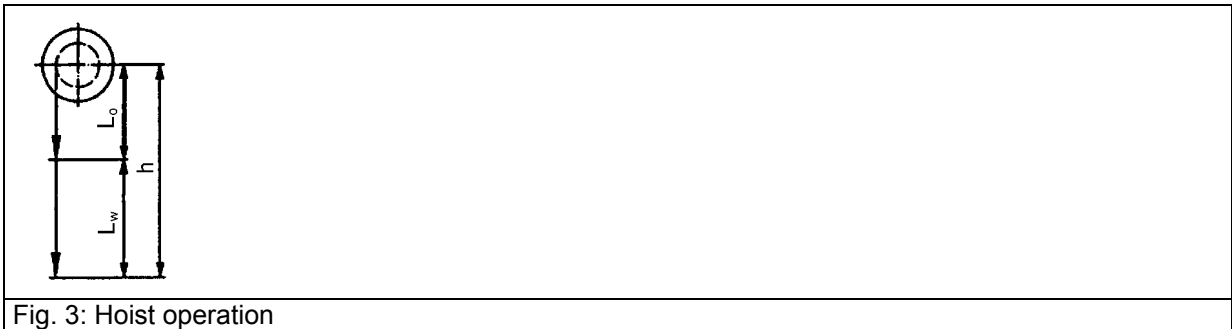
6.1 Cable pay-off: horizontally, reel on the movable machine (cf. Fig 1 and Fig. 2)

- Centre feeding
- End feeding
- Cable length to be reeled $L_w =$ _____ m
- Mounting height of the reel above fixed cable deposit $h =$ _____ m



6.2 Cable pay-off vertically downwards (cf. Fig. 3)

- Cable length to be reeled $L_w =$ _____ m
- Additionally freely suspending cable length which will not be reeled $L_o =$ _____ m



6.3 Cable pay-off: horizontally freely tensioned (cf. Fig. 4)

- Centre feeding
- End feeding
- Cable length to be reeled $L_w =$ _____ m
- Max. admissible cable sag (cf. sketches) $f =$ _____ m
- Difference in height cable reel – cable fixed point $h =$ _____ m

