Akapp-Stemmann
A Wabtec Activity

*Flexible with energy!*

# Questionnaire
## Spring driven cable reels



Company : _____ City : _____

Country : _____ Contact : Mr. _____

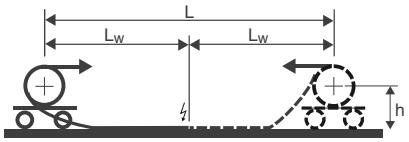
Phone : _____ E-mail : _____

Fax : _____ Date : 27-10-2021

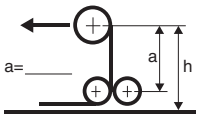
Your ref. : _____

### Reel cases

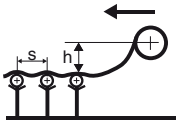
The cases shown below are in principal the standard arrangements. Further applications on request.
For cases not listed here, please supply us a drawing of your configuration below or on a separate sheet.



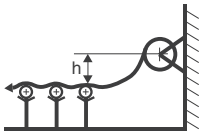

◉ **Case 1**
Horizontal retrieval to one or both sides. Cable laying on a flat continuous surface.



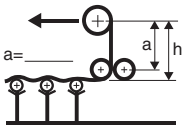

○ **Case 2**
Like case 1, with diverting rollers.



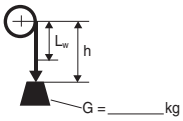

○ **Case 3**
Like case 1, with support rollers.



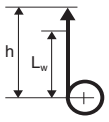

○ **Case 4**
Horizontal drag, with support rollers.



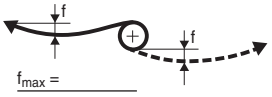

○ **Case 5**
Like case 1, with diverting rollers and support rollers.
**Not recommended!**



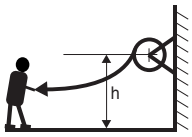

○ **Case 6A**
Vertical lift



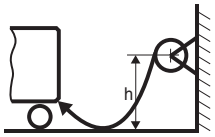

○ **Case 6B**
Vertical retrieval




○ **Case 7/8**
Horizontal stretch. Retrieval to one or both sides without cable support.




○ **Case 9**
Retrieval to one side without cable support.
Manual operation.




○ **Case 10**
Horizontal drag, with automatic operation. This application has possible damaging effects on the cable.

☐ I attached a drawing with an alternative configuration

*Please continue on the next page*

Your drawing here

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# Questionnaire
## Spring driven cable reels

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**Number of the required cable reels:** 1 **pc.**

### Information of the machine

Type of machine _____

Number of movements _____ / h

Travel speed _____ m/min

Acceleration _____ $m/s^2$

Mounting height (h) _____ m

Track length (L) _____ m
If centre feed: $L = 2 \times L_w$

Cable winding length ($L_w$) _____ m

Additional cable length required for connection _____ m

Feeding of the reel ◉ End ○ Centre
○ at _____ / _____ m

### Conditions

Type of industry _____

☐ Outdoors ☐ Indoors

☐ Normal ☐ Humid, _____ %

☐ Chemical agressive

Ambient temperature 0 °$C_{min.}$ / 35 °$C_{max.}$

### Electrical details

Supply 400 V

◉ A.C. 3 Phase ○ A.C. 1 Phase ○ D.C.

Max. current _____ A

Duty cycle (D.C.) 60 %

Control / Data signal _____ V _____ A

### Slipring body

Number of sliprings for power 3 + earth

Number of sliprings for control/data signal _____

☐ Bus system _____

☐ Heating of slipring unit required

### Cable details

Cores / cross section _____ x _____ $mm^2$

☐ Control wires Shielded
Twisted pairs

☐ Cable to be supplied by Wabtec Netherlands

*If cable not to be supplied by Wabtec Netherlands:*

Cable type _____

Outer diameter ∅ _____ mm

Min. bending radius _____ mm

Weight _____ kg/m

### Operation

◉ Automatic ○ Manual

### Accessories

☐ Cable grip

☐ Cable collar

☐ Diverting funnel

☐ Diverting rollers

☐ Swivel base

☐ Roller guide

☐ Guide arm

☐ Ratchet lock *(Not recommended for automatic operation)*

☐ _____

☐ _____

☐ _____

### Further remarks:

_____

_____

_____

_____

_____

_____