Questionnaire Cable Reels

Company | Phone | Fax

Contact person | E-mail

Address | Project title / Country of operation

Postcode / City / Country | Quantity of cranes / applications

Application:

Machine type .....

Installation

☐ stationary ☐ on a mobile unit

Arrangement of reels according to the figures below

☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G ☐ H

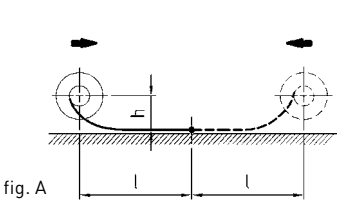

fig. A

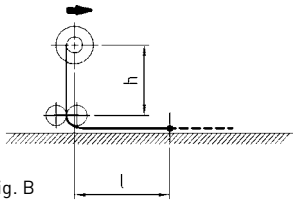

fig. B

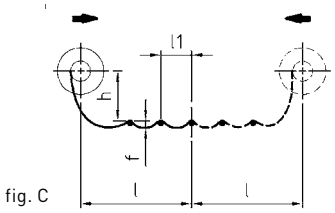

fig. C

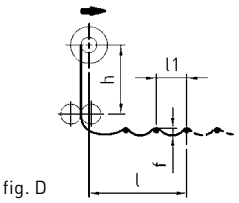

fig. D

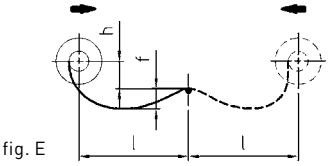

fig. E

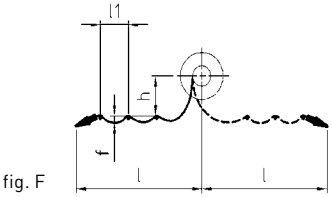

fig. F

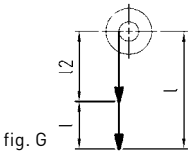

fig. G

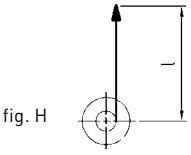

fig. H

Reel and winding type

☐ spring cable reel ☐ motorised cable reel

☐ spiral winding ☐ cylindrical winding

Travel length / lift ..... m

Unwinding length[a] ..... m

Feed-in

☐ centre feed ☐ end feed

☐ others .....

Cable payout

☐ horizontal ☐ vertical

Mounting height (from flange to ground) ..... m

Maximum cable sag (f) ..... m

Payout direction (view on slip ring assembly)

☐ left ☐ right

Cable data

Cable provided by

☐ customer ☐ Faber Group

Cable type, if known .....

quantity of cores x cross section / cable weight

..... cores x ..... mm² / ..... kg/m

outer diameter (OD) ..... mm

Data for cable determination

total system capacity ..... kW

simultaneity factor in % .....

voltage V

current ..... A

☐ direct current ☐ alternating current

quantity of cores ..... +PE (earth, ground)

Do you need a fibre optic cable?

☐ yes ☐ no

if yes, quantity of fibres & type .....

Red fields are mandatory fields

Details of the slip ring assembly

Transfer of ...

☐ Main current

Amount of slip rings ..... Poles + PE

Max. load of the slip rings ..... A

☐ Control current

Amount of slip rings ..... Poles + PE

☐ Signals / Voltage V

☐ Others .....

Bus-type for data transfer (communication + data)

☐ Profibus ☐ CAN-Bus

☐ Ethernet ☐ Profinet

☐ Others .....

Heating V

Information about device data / drive unit (MLT only)

Voltage V

Motor frequency ..... Hz

Duty cycle ..... % ED

Travel frequency per hour ..... /h

Working hours per day ..... h

Travel / lifting speed ..... m/min

Acceleration ..... m/s^2

Start-up time ..... s

Preferred drive version:

☐ Magnetic coupling

☐ Turbo coupling

☐ Standstill motor

☐ Frequency inverter drive

☐ Others .....

Environmental influences

Environmental conditions

☐ Inside ☐ Outside

Temperature of ..... °C to ..... °C

Air humidity ..... %

☐ Mounting height / location of the reel > 2000m above sea level

Aggressive media ☐ Yes ☐ No

If yes, please specify .....

Protection class

☐ IP 55 (Standard) ☐ IP 65 (optional)

☐ others on request .....

Surface treatment

☐ Standard paint RAL 7040

☐ Other colour .....

Paint according to ...

☐ C3 (= H&K-Standard)

☐ C5-I (Industry)

☐ C5-M (Maritime acc. H&K specification)

☐ Hot-dip galvanised [b] ☐ V2A[b] ☐ V4A[b]

Options

☐ Gear cam limit switch ..... (quantity contacts)

☐ Encoder (Type .....)

☐ External fan

☐ Motor heating tape V

Should the cable be assembled with plug / socket?

☐ Yes ☐ No

→ if yes, which? ..... (see [c])

Spare parts package wanted? ☐ Yes ☐ No

Maintenance package wanted? ☐ Yes ☐ No

Standards, Norms

☐ DIN VDE / IEC ☐ CE

☐ UL / CSA ☐ NEMA

☐ GOST / EAC / TR ☐ DNV GL

☐ ATEX

☐ Others .....

Red fields are mandatory fields

Accessories Motorised cable reels

- ☐ Cable deposit roller
- ☐ Centre feed funnel type ULTV
- ☐ Deflection horn
- ☐ Deflection and guide rollers
- ☐ Winding device
- ☐ Deflection link chain
- ☐ Roller payout guide type RUTS
  - ◯ With / ◯ without slack & tight cable control
- ☐ Cable grip

Accessories Spring cable

- ☐ Ratchet
- ☐ Roller yoke
- ☐ Rotating ceiling attachment
- ☐ Rotating wall attachment
- ☐ Cable grip

Dokumentation

- ☐ German ☐ English
- ☐ Other Language → if yes, which? .....

More Wishes / Details

.....

.....

.....

Sketch application / position if necessary

General remarks:

(a) The total cable length is calculated from the unwinding length and usually two strain relief windings + 1m connection length of the cable inside the reel + cable length for the connection in the feed point (depending on the application)
(b) Without further painting
(c) Please attach wiring diagram