

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

Travel length / lift m

Installation

stationary on a mobile unit

Unwinding length^(a) m

Feed-in

centre feed end feed

others

Arrangement of reels according to the figures below

A B C D E F G H

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 Hartmann & König

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

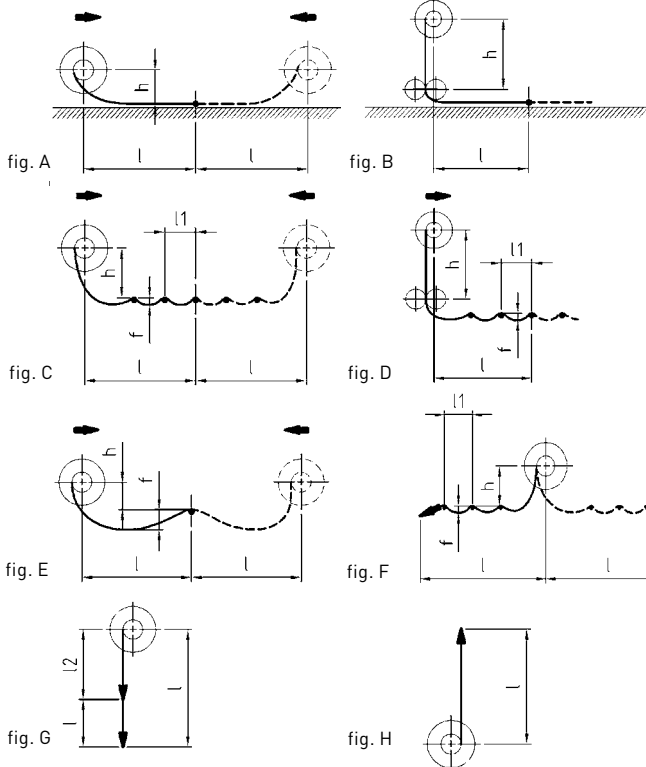
direct current alternating current

quantity of cores +PE (earth, ground)

Do you need a fibre optic cable?

yes no

if yes, quantity of fibres & type



Reel and winding type

spring cable reel motorised cable reel
 spiral winding cylindrical winding

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/s²
- 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 9)
- 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 reels

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

Dokumentation

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

More Wishes / Details

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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