Questionnaire

Yaw Movement

A Mechanical Data

A1 Number of turns of the nacelle:
(left and right) _____

A2 Number of teeth of ring gear for Yaw _____ Module: _____

A3 Number of teeth of pinion wheel for limit switch: _____ Module: _____

A4 Number of contacts: _____

A5 Mode of operation of contacts:
(f.e. pre stop left, pre stop right, etc.)
S1 _____
S2 _____
S3 _____
S4 _____

A6 Speed of nacelle: _____ [rev./min]

A7 Type of connection:
(f.e. Execution with plug, incl. cabling and plugs, etc.) _____

A8 Preadjusted with delivery? ❒ yes ❒ no

B Sensor System

(Normally sensor should be provided by customer and will be assembled in factory site of Stromag / If sensor is recommended by customer, please send encoder data sheets.)

B1 Application with position feedback? ❒ yes (including the sensor system)
❒ no

B2 Which type of sensor system?
❒ Potentiometer (analog signal)
❒ Incremental Encoder (impuls signal, two channels A&B for detection of direction)

B2.1 Required Precision: _____ [°/rev.]
❒ Absolut feedback: Analogical system ❒ 4-20 mA ❒ 0-20 mA ❒ 0-10V
Digital system ❒ multiturn ❒ singleturn

B3 Power supply voltage: _____ [V]

B4 Special Technical data of encoding system? _____

Limit Switches (Windenergy)

Stromag® Altra Industrial Motion

Questionnaire

Pitch Control

A1 Hydraulical Pitch Control system ---> no geared cam limit switch

B Mechanical Data

B1 Electrical Pitch Control System? _____

B2 Direct Pitch drive unit or tooth belt drive unit? _____

B3 Turning angle of rotorblade: _____
(normally between 0° and 90°)

B4 No. of contacts: _____

B5 No. of teeth of pinion wheel for Pitch Control: _____ Module: _____
Or No. of usable revolution on shaft of Limit Switch: _____

B6 Mode of operation of contacts:
S1 _____
S2 _____
S3 _____
S4 _____

C Sensor System

(Normally sensor should be provided by customer and will be assembled in factory site of Stromag / If sensor is recommended by customer, please send encoder data sheets.)

C1 Application with position feedback? ❒ yes (including the sensor system)
❒ no

C2 Which type of sensor system?
❒ Potentiometer (analog signal)
❒ Incremental Encoder (impuls signal, two channels A&B for detection of direction)

C2.1 Required Precision: _____ [°/rev.]
❒ Absolut feedback: Analogical system ❒ 4-20 mA ❒ 0-20 mA ❒ 0-10V
Digital system ❒ multiturn ❒ singleturn

C3 Power supply voltage: _____ [V]

C4 Special Technical data of encoding system? _____

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