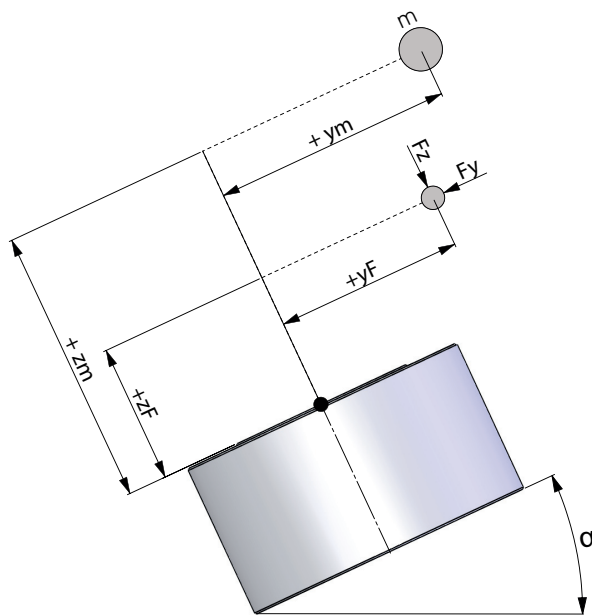


# Project Planning Sheet

## Rotary tables

|          |  |                 |  |
|----------|--|-----------------|--|
| Editor:  |  | Date:           |  |
| Company: |  | Contact person: |  |
| Street:  |  | Phone:          |  |
| Town:    |  | Telefax:        |  |
| Web:     |  | E-Mail:         |  |
| Quantity |  | Time schedule:  |  |
| Project: |  | Project no.:    |  |

### Mounting position



Angle  $\alpha$ :  (°)

Moving mass:

$m =$   (kg)

Center of gravity from moving mass:

$y_m =$   (mm)

$z_m =$   (mm)

External forces:

$F_y =$   (N)

$F_z =$   (N)

Force transmission point:

$y_F =$   (mm)

$z_F =$   (mm)

### System data

|  |                    |  |
|--|--------------------|--|
| Workspace                              | Degree             |  |
| Mass moment of inertia (without motor) | kgcm <sup>2</sup>  |  |
| Rotational speed                       | 1/min              |  |
| Acceleration                           | rad/s <sup>2</sup> |  |
| Repeatability                          | arcsec             |  |
| Positioning accuracy                   | arcsec             |  |
| Axial runout                           | mm                 |  |
| Radial runout                          | mm                 |  |

### Operating conditions

Ambient temperature: min.  °C max.  °C

Ambient conditions:

(z.B. Dust, Chips, Dirt,  
Fluids, air moisture)

# Project Planning Sheet

## Rotary tables

| Cycle description (Travel angle, time, speed, acceleration, break times) |                  |                      |               |                             |           |                     |   |
|--|------------------|----------------------|---------------|-----------------------------|-----------|---------------------|---|
| Path No.   | Travel angle (°) | Positioning time (s) | Speed (1/min) | a max (rad/s <sup>2</sup> ) | Break (s) | Additional force(N) | Description of the travel or the non-productive times |
| 1  |                  |                      |               |                             |           |                     |   |
| 2  |                  |                      |               |                             |           |                     |   |
| 3  |                  |                      |               |                             |           |                     |   |
| 4  |                  |                      |               |                             |           |                     |   |
| 5  |                  |                      |               |                             |           |                     |   |
| 6  |                  |                      |               |                             |           |                     |   |

| Operating times          |                      |                   |                          | Required lifetime |      |                      |  |
|--------------------------|----------------------|-------------------|--------------------------|-------------------|------|----------------------|--|
| Cycles/hour (c/h) =      | <input type="text"/> | 1-shift-operating | <input type="checkbox"/> | in Cycles (z)     | Lz = | <input type="text"/> |  |
| Working days/year(d/y) = | <input type="text"/> | 2-shift-operating | <input type="checkbox"/> | in Revolutions    | Lu = | <input type="text"/> |  |
|                          |                      | 3-shift-operating | <input type="checkbox"/> | in Years (y)      | Ly = | <input type="text"/> |  |

| Additional characteristics                   |  |
|--|--|
| Interface measuring system                   |  |
| Supply voltage (VAC)                         |  |
| Drive amplifier included?                    | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Required interface                           |  |
| Existing drive amplifier, type, manufacturer |  |
| Existing controller, type, manufacturer      |  |
| Cable included?                              | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Cable length (meter)                         |  |

| Remarks |
|---------|
|         |