

# Project Planning Sheet

## Rotary Tables/Torque Motors

Company:	Processes by:
Technical consultant:	Date:
Purchasing consultant:	Project name:

Rotary table <input type="checkbox"/> Torque motor <input type="checkbox"/>	Quantity:
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**Project plan** (current state of project/schedule/quantity/aimed price)

**Application** (industry sector, machine type, usage, sketch, drawing etc.)

System parameters				
	Unit			
Axis				
Position (horizontal/vertical)				
Operating range	Degree			
Mass moment of inertia (ex motor)	kgm <sup>2</sup>			
Rotation	1/min			
Acceleration	rad/s <sup>2</sup>			
Cycle time	s			
Number of cycles per hour				
Additional moment	Nm			
Repeatability	arcsec			
Positioning accuracy	arcsec			

**Cycle** (traveling angle, acceleration times, break times)

e.g.: 100 deg. in 0.5 s; stop for 1 s; 100 deg. back in 0.5 s; stop for 2 s; ...

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## Rotary Tables/Torque Motors



Motion Control & Systems

Additional features	
Drive included?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Control	uncontrolled <input type="checkbox"/> point to point <input type="checkbox"/> path control/PVT <input type="checkbox"/>
Existing drive, type	
Existing control system, type	
Required interface <sup>1)</sup>	
Required interface of encoder <sup>2)</sup>	
Ambient conditions <sup>3)</sup>	
Delivery of cables?	

<sup>1)</sup> e.g. serial, 10V analogue, Profibus, CANopen, sercos

<sup>2)</sup> e.g. 1V<sub>pp</sub>, TTL, SSI, EnDat

<sup>3)</sup> e.g. clean room, chips, dust, oil

Notes