PROJECT PLANNING SHEET

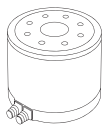
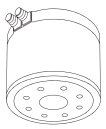
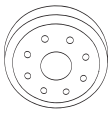
Rotary table

Customer Data		
Company:	Industry:	Filled/Confirmed:
Equipment:	Application:	Date:

Quantity:	Budget:
Prototype: Serie:	Prototype: Serie:

Rotary Table Installation Type

☐ Horizontal ☐ Upside down ☐ Vertical ☐ Other

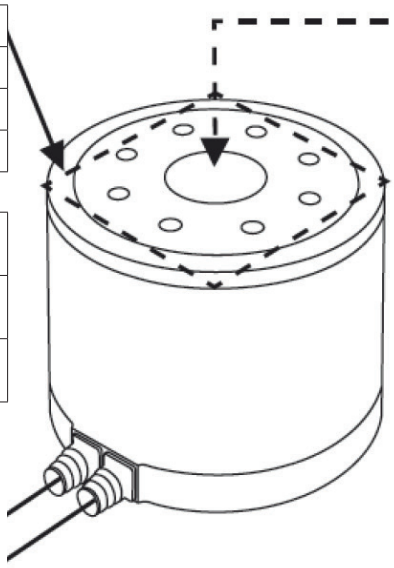




Application Data

Repeatability	=	arc-sec
Accuracy	=	arc-sec
Axial run out	=	µm
Radial run out	=	µm

Max. Motor height	=	mm
Max. Motor Diameter	=	mm
Min. Hollow Shaft	=	mm

Moment of Inertia[1]	=	kgm²
External Moment[2]	=	Nm



Extension cable

_____ m

[1] Describe payload on p. 3 if moment of inertia is not given
[2] Describe in cycle when applied

Operational Environment Option

Temperature	Temperature Difference	Clean room	Vacuum
°C	± °C	Class @ °C ± °C	Pa

HIWIN GmbH
Brücklesbünd 1
77654 Offenburg
Germany

Fon +49 781 93278-0
Fax +49 781 93278-90
Mail info@hiwin.de
Web hiwin.de/en

PROJECT PLANNING SHEET

Rotary table

Special Requirements or Structure

Free Cycle Description (moving angle, moving time, dwell time)	
e.g.: 100 degree in 0.5 s with 1 s dwell time; 100 degree back in 0.5 s with 100 Nm external moment and 2 s dwell time; ...	
1	
2	
3	
4	
5	
6	
7	

Operation Mode			
torque [M]; operation time [t]; operation with constant torque [dtP]; standstill with unpowered motor [dtR]; standstill with powered motor [dtV]			
☐	S1	M [Nm]	
		t [s]	
☐	S3	M [Nm]	
		dt_P [s]	
		dt_R [s]	
☐	S6	M [Nm]	
		dt_P [s]	
		M dt_V [Nm]	
		dt_V [s]	

HIWIN GmbH
Brücklesbünd 1
77654 Offenburg
Germany

Fon +49 781 93278-0
Fax +49 781 93278-90
Mail info@hiwin.de
Web hiwin.de/en

PROJECT PLANNING SHEET

Rotary table

Additional features									
Number of cycle/h									
Drive included?	☐	Yes			☐	No			
Existing drive, type									
Existing control system, type									
Required interface									
Required encoder type	☐	Incremental			☐	Absolute			
Required encoder protocol	☐	sin/cos 1 Vpp	☐	TTL	☐	EnDat 2.2	☐	BiSS-C	
Functional Safety encoder required?					☐	Yes	☐	No	
Clamp	☐	None			☐	Power-Off Clamp			
Payload									
Material									
Shape [1]	☐ Cube	☐ Pyramid	☐ Cone	☐ Cylinder	☐ Other				
Number of payload									
Sketch									

[1] Show in sketch

HIWIN GmbH
Brücklesbünd 1
77654 Offenburg
Germany

Fon +49 781 93278-0
Fax +49 781 93278-90
Mail info@hiwin.de
Web hiwin.de/en