

Project Planning Sheet

HC Linear Axis

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

Project plan (current state of project/schedule/quantity/aimed price)

Application (industry sector, machine type, usage etc.)

System parameters

Stroke length [mm]: _____

Ambient conditions (temperature, humidity, clips, dirt):

Cycle (travel distance, process time, travel speed, acceleration and non-productive times (breaks, gripper times etc.))

Path No.	Travel distance [mm]	Positioning time [s]	V _{max} [m/s]	a _{max} [m/s ²]	Break [s]	Description of the operation or non-productive times
1						
2						
3						
4						
5						

Axis position in space

Angle A: _____ °

Angle B: _____ °

Moving mass:
m = _____ [kg]

Centre of gravity of the moving mass m:
xm = _____ [mm]
ym = _____ [mm]
zm = _____ [mm]

External forces:
Fx = _____ [N]
Fy = _____ [N]
Fz = _____ [N]

Force transmission point:
xF = _____ [mm]
yF = _____ [mm]
zF = _____ [mm]

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Motion Control & Systems

Options			
Feature	Standard	Option	
Limit switches ¹⁾ :	<input type="checkbox"/> A	<input type="checkbox"/> C	<input type="checkbox"/> D ²⁾ <input type="checkbox"/> Without
Clamping element:	<input type="checkbox"/> Without	<input type="checkbox"/> With ³⁾	
Distance measuring system:	<input type="checkbox"/> Without	<input type="checkbox"/> Analogue signal	<input type="checkbox"/> Digital signal
Drive interface:	<input type="checkbox"/> Without	<input type="checkbox"/> On the right	<input type="checkbox"/> On the left
Motor/motor gear adapter	<input type="checkbox"/> Without	<input type="checkbox"/> With adapter for motor, type: _____ Manufacturer _____ <input type="checkbox"/> With adapter for Neugart gearbox, type: _____	
Gears:	<input type="checkbox"/> Without	<input type="checkbox"/> With assembled gearbox, type: _____ Gear transmission: _____ <input type="checkbox"/> With assembled gearbox acc. to calculation	
Accessories:	<input type="checkbox"/> Without	<input type="checkbox"/> Journal Type: _____ Quantity: _____ <input type="checkbox"/> Centring sleeve (PU: 10 pcs.) Type: _____ Quantity: _____ <input type="checkbox"/> T Nuts (PU: 10 pcs.) Type: _____ Quantity: _____	

¹⁾ For details please refer to the order code in the catalogue „Linear Axes and Axis Systems HX“

²⁾ Not available for HC025B

³⁾ Not available for HC025B and HC040B

Sketch (with separate attachment, where appropriate)