

Project Planning Sheet

Linear Guideway

Customer Data	
Company:	Contact Person:
	Department:
	Phone:
Project:	Fax:
	Email:

Application (please mark with a cross)

 <input type="checkbox"/>	 <input type="checkbox"/>
 <input type="checkbox"/>	 <input type="checkbox"/>

Mounting Position (please mark with a cross)

<p>Horizontal</p> <input type="checkbox"/>	<p>Wall-mounting</p> <input type="checkbox"/>	<p>Vertical</p> <input type="checkbox"/>	<p>System Parameters</p> <p>$Z_A =$ [mm] $Y_A =$ [mm] $s =$ [mm] $W =$ [mm]</p> <p>Center of Gravity</p> <p>$m =$ [kg] $x_m =$ [mm] $y_m =$ [mm] $z_m =$ [mm]</p> <p>Angle</p> <p>$\alpha =$ [°] $\beta =$ [°]</p>
<p>Upside down</p> <input type="checkbox"/>	<p>Rotation around x-axis</p> <input type="checkbox"/>	<p>Rotation around y-axis</p> <input type="checkbox"/>	

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Motion Control & Systems

1st acting processing force	Movement					
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
F_x [N]						
F_y [N]						
F_z [N]						
x_F [mm]						
y_F [mm]						
z_F [mm]						
2nd acting processing force	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
F_x [N]						
F_y [N]						
F_z [N]						
x_F [mm]						
y_F [mm]						
z_F [mm]						
directly acting torque	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
M_x [Nm]						
M_y [Nm]						
M_z [Nm]						
Motion data	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
Acceleration a [m/s ²]						
Velocity v [m/s]						
Deceleration a [m/s ²]						
Time t [s]						
Way s [mm]						
Time slice [%]						
Distance rate [%]						

Operating Temperature:	max.	°C	max.	°C
Special Operating Conditions: (e.g. Dust, Chips, Fluid)				

Block Type:			
Series	Preload Class		Accuracy Class
Low profile ball type <input type="checkbox"/>	Clearance <input type="checkbox"/>		C <input type="checkbox"/>
Ball type <input type="checkbox"/>	Light preload Z0 <input type="checkbox"/>		H (standard) <input type="checkbox"/>
Roller type <input type="checkbox"/>	Medium preload ZA <input type="checkbox"/>		P <input type="checkbox"/>
	Heavy preload ZB <input type="checkbox"/>		
Lubrication	Rail type		
Oil <input type="checkbox"/>	Mounting from top <input type="checkbox"/>		
Grease <input type="checkbox"/>	Mounting from bottom <input type="checkbox"/>		
Operation time:		Required lifetime	
Cycles/hour [z/h] =	1-shift-operating <input type="checkbox"/>	Cycles [z]	$L_z =$
Working days/year [d/y] =	2-shift-operating <input type="checkbox"/>	Kilometers [km]	$L_{km} =$
	3-shift-operating <input type="checkbox"/>	Years [y]	$L_y =$

Description of the application/drawing/other notes: